

Mountain Valley Pipeline Project – Spread G

Environmental Auditor Quarterly Report for Q3 2021

October 15, 2021

Environmental Auditor Contact Information

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I. Introduction

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

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

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

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

Inspections did not occur from July 1, 2021 through September 30, 2021 between approximate stations 10377+20-10654+29 as earth disturbance activities have not commenced within these areas.

During the Q3 reporting period, active pipeline construction activities occurred from approximate stations 10654+29-11557+30 and active construction activities involving tree removal and environmental maintenance occurred from approximate stations 11670+00-11800+00.

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

- 11222+25 to 11184+79
- 11434+20 to 11367+00
- 11548+00 to 11526+57
- 11792+00 to 12002+00

II. Information Reviewed to Prepare Quarterly Report

The Environmental Auditor utilized the following resources to assist with evaluating project compliance from July 1, 2021 through September 30, 2021 (end of reporting period for Q3 2021):

- MVP Daily Punch Lists (includes VADEQ findings);
- Environmental Auditor Bi-Weekly Reports;
- Weekly meetings with MVP staff and the Lead Environmental Inspectors (LEIs);
- Stormwater Pollution Prevention Plan VSIRs;
- Project Rain Gauge Data;
- Spread G Scatter Sheets (Contractor Available Resources and Daily Work Locations);
- Annual Standards and Specifications;
- Oil Discharge Contingency Plan (ODCP) Inspection Reports;
- Stormwater Pollution Prevention Plans (SWPPPs), Erosion and Sediment Control (E&SC) Plans and Post Construction Stormwater Management (SWM) Plans;
- Off Right of Way Sediment Impact Tracker Spreadsheet;
- Agency Compliance Forms (Problem Areas Reports and Noncompliance Reports);
- Third party complaint submitted to the VADEQ on August 6, 2021; and
- Third party complaint submitted to the VADEQ on August 20, 2021

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

The following sections III. through VI. provide an overall summary from July 1, 2021 through September 30, 2021 (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 1,423 daily punchlist items (includes Carry Over items from previous Bi-Weekly Reports) requiring repair/maintenance throughout the Q3 reporting period. The Environmental Auditor noted 20 items identified by the EIs as ESC measures damaged due to impacts caused by third party activities related to wildlife traffic and livestock traffic. The ESC measures were subsequently repaired/maintained within the required timeframes and no resources were impacted.

During the Q3 reporting period, the Spread G Environmental inspection staff identified 65 off right of way impacts. Sixty-two of the impacts occurred in upland areas due to runoff events on 7/3/2021, 7/11/2021, 8/14/2021, 8/16/2021, 8/17/2021, 8/18/2021, 8/21/2021, 8/22/2021, 8/30/2021, 9/2/2021, 9/9/2021, and 9/22/2021. Seven impacts occurred to environmental resources on 8/16/2021, 8/18/2021, and 9/22/2021.

Please note that the remaining three off right of way impacts were caused by contractor activities outside of the right of way on 8/11/2021, 8/19/2021, and 9/18/2021. These items are discussed below.

The off right of way impacts were caused by high intensity/short duration storm events which included remnants of Tropical Storm Fred and Hurricane Ida. **Refer to rainfall discussion/Table G-1B below.** The storm events caused ESC measures to become overwhelmed resulting in the following:

July 2021

- One off right of way sediment impact was identified on 7/3/2021 and one off right of way impact was identified on 7/11/2021. The sediment traveled approximately 10 and 3 feet beyond the right of way limits, respectively within upland areas. The ESC measures were repaired/maintained, landowner access granted, off right of way sediment clean up and stabilization occurred at both locations within the required timeframes. An Agency Compliance Form (Problem Area Report #640) was submitted by the Spread G Environmental inspection staff. No resources were impacted.

August 2021

- Four off right of way sediment impacts were identified on 8/14/2021. The sediment traveled approximately 5, 20, 50, and 15 feet off right of way within upland areas. A high intensity/short duration rainfall event caused sediment controls to become overwhelmed. The ESC measures were repaired/maintained and enhanced, landowner access granted, off right of way sediment clean up and stabilization occurred at the four locations within the required timeframes. An Agency Compliance Form (Problem Area Report #649) was submitted by the EI on 8/14/2021. No resources were impacted.
- Twelve off right of way sediment impacts were identified on 8/16/2021. The sediment traveled approximately 30, 45, 25, 50, 20, 5, 100, 15, 25, 15, 12, and 100 feet off right of way within upland areas. The off right of way sediment impact which traveled approximately 50 feet subsequently impacted an environmental resource (S-MN21). The off right of way sediment impact which traveled approximately 5 feet subsequently impacted an environmental resource (S-MN22). The ESC measures were repaired/maintained within the required timeframes and enhanced ESC measures were installed at all locations. Landowner permission was granted for 9 of the impacted areas (includes S-MN22), off right of way sediment clean up and stabilization occurred within the required timeframes. Five of the identified off right of way impact areas received indefinite extension approvals as these locations did not receive landowner approval and have not been resolved as a result of the restricted access (includes S-MN21). Agency Compliance Forms (Problem Area Reports #650, #651, #652, and #653) were submitted by the Spread G Environmental inspection staff. A Declaration of Force Majeure was submitted to the VADEQ on August 26, 2021 due to the magnitude of the storm event. On 8/17/2021 the Environmental Auditor observed six locations where ESC measures were not properly installed prior to this rainfall event which contributed to the off right of way sediment impacts at Mt. Tabor Road (CIS). **Refer to Sections VI. and VII below for further discussion.**
- Two off right of way sediment impacts were identified on 8/17/2021. The sediment traveled approximately one foot and 50 feet off right of way within upland areas. A high intensity/short duration rainfall event caused sediment controls to become overwhelmed. The ESC measures were repaired/maintained and enhanced, landowner access granted, off right of way sediment clean up and stabilization occurred at both locations within the required timeframes (one via an extension request approval). An Agency Compliance Form (Problem Area Report #655) was submitted by the EI on 8/17/2021. No resources were impacted.

- Twelve off right of way sediment impacts were identified on 8/18/2021. The sediment traveled approximately 1, 1, 15, 15, 2, 6, 4, 4, 15, 500, and 800 feet off right of way within upland areas. A high intensity/short duration rainfall event (remnants of Tropical Storm Fred) caused sediment controls to become overwhelmed. Three environmental resources were subsequently impacted by this event (S-IJ16b, S-A32, and S-Y2).

The off right of way impact at S-IJ16b was due to the temporary bridge side rails becoming overwhelmed with sediment directly impacting approximately 125 feet of this resource. The upslope and temporary bridge crossing ESC measures were repaired/maintained and enhanced. Off right of way sediment clean up occurred at this resource within the required timeframe.

The off right of way impact which traveled approximately 800 feet resulted in an environmental resource impact at S-A32. The heavy runoff overwhelmed the open pipeline trench and subsequently the downslope sediment control measures (waterbars/end sumps and perimeter sediment control measures) then impacting Kow Camp Road and S-A32. The impacted ESC measures were repaired/maintained and enhanced. Off right of way sediment clean up occurred and the off right of way areas were stabilized (includes cleanup at Kow Camp Road and S-A32) within the required timeframe.

The off right of way impact which traveled approximately 500 feet resulted in an environmental resource impact at S-Y2. The heavy sediment-laden runoff overwhelmed the open pipeline trench and impacted the downslope sediment control measures (waterbars/end sumps and perimeter sediment control measures) subsequently impacting S-Y2. The impacted ESC measures were repaired/maintained and enhanced. Off right of way sediment clean up occurred and the impacted upslope off right of way areas were stabilized. Due to the magnitude of the impact at S-Y2, laborers and vacuum trucks were utilized to perform in stream clean up. Sediment cleanup occurred within approximately 3,500 feet of the stream via a long term extension request approval from the VADEQ. Due to restricted access, downslope areas of the stream were not accessible due to landowner restrictions. Agency Compliance Forms (Problem Area Reports #658, #661, #663, #664 and #667) were submitted by the EIs on 8/18/2021. A voluntary temporary suspension of construction activities related to forward progress was implemented by MVP on 8/16/2021 for the entire Spread G Project. During this timeframe construction crews focused on addressing ESC measures impacted by the storm events. Prior to resuming forward progress covered by the temporary suspension of work the Spread G Construction Management staff is required to submit an authorization request to MVP for review and approval and a DEQ follow up inspection. Additional ESC enhancements and BMP measures related to open trench construction were developed by MVP via coordination with the Environmental Auditor. A Declaration of Force Majeure was submitted to the VADEQ on August 26, 2021 due to the magnitude of the storm event.

- One off right of way impact was identified on 8/21/2021. The sediment traveled approximately 10 feet off right of way within an upland area. A high intensity/short duration rainfall event caused sediment controls to become overwhelmed. The impacted ESC measures were repaired/maintained and enhanced. Off right of way sediment clean up occurred and the impacted area was stabilized within the required timeframe. No resources were impacted.
- One off right of way impact was identified on 8/22/2021. The sediment traveled approximately 3 feet off right of way within an upland area which included a portion of the upper stream bank to S-A33. A high intensity/short duration rainfall event caused sediment controls to become overwhelmed. This impact was reviewed by the VADEQ to determine if S-A33 was impacted as a result of this off right of way impact. The VADEQ verified that no impact occurred to this environmental resource. Off right of way sediment clean up occurred and the impacted off right of way area was stabilized. An Agency Compliance Form (Problem Area Report #678) was submitted by the EI on 8/22/2021.

- Three off right of way sediment impacts were identified on 8/30/2021. The sediment traveled approximately 10, 2, and 2 feet off right of way within upland areas. A high intensity/short duration rainfall event caused sediment controls to become overwhelmed. The impacted ESC measures were repaired/maintained and enhanced. Off right of way sediment clean up occurred and the impacted off right of way areas were stabilized. An Agency Compliance Form (Problem Area Report #679) was submitted by the EI on 8/30/2021. A Declaration of Force Majeure was submitted to the VADEQ on September 3, 2021 due to the magnitude of the storm event. No resources were impacted.

September 2021

- Eight off right of way impacts were identified on 9/2/2021. The sediment traveled approximately 40, 35, 80, 6, 15, 10, 5, and 5 feet off right of way within upland areas. A high intensity/short duration rainfall event (remnants of Hurricane Ida) caused sediment controls to become overwhelmed. The impacted ESC measures were repaired/maintained and enhanced. Off right of way sediment clean up occurred and the off right of way areas were stabilized at six of the identified locations. Two of the impacted areas received indefinite extension approvals as these locations did not receive landowner approval and off right of way issues have not been resolved as a result of the restricted access. No resources were impacted. Agency Compliance Forms (Problem Area Reports #680, #681, and #683) were submitted by the EI on 9/2/2021. The off right of way impact which traveled approximately 15 feet within an upland area was a result of the contractor not reinstalling ESC measures (compost filter sock waterbars) at the end of the work day on 8/31/2021. The impacted ESC measures were repaired/maintained and enhanced. Off right of way sediment clean up occurred and the impacted off right of way area was stabilized. An Agency Compliance Form (Non Compliance Report #682) was submitted by the EI on 9/2/2021. No resources were impacted. A Declaration of Force Majeure was submitted to the VADEQ on September 3, 2021 for 7 of the off right of way impacts due to the magnitude of the storm event. **Refer to Sections VI. and VII below for further discussion.**
- One off right of way impact was identified on 9/9/2021. The sediment traveled approximately 25 feet off right of way within an upland area during a rainfall event. The ESC measures were repaired/maintained, landowner access granted, off right of way sediment clean up and stabilization occurred within the required timeframe. No resources were impacted.
- Sixteen off right of way impacts were identified on 9/22/2021. The sediment traveled approximately 3, 25, 50, 2, 3, 10, 5, 30, 10, 10, 75, 100, 5, 5, 10, and 5 feet within upland areas. A high intensity/short duration rainfall event caused sediment controls to become overwhelmed. The impacted ESC measures were repaired/maintained and enhanced. Off right of way sediment clean up occurred and the impacted off right of way areas were stabilized. Two environmental resources were subsequently impacted by this event (S-NN14 and S-RR13). Gravel was displaced from an existing gravel road used by the project approximately 20 feet into stream S-NN14. The gravel was recovered from S-NN14 and ESC measures were installed along the edge of the access road. Agency Compliance Forms (Problem Area Reports #686, #687, #689, #690, #691, #692, #693, and #694) were submitted by the Spread G Environmental Inspection staff on 9/23/2021. Disturbance occurred to stream S-RR13 when flood waters partially dislodged a temporary equipment bridge. The bridge, which remained in the right of way, disturbed a portion of the streambank during the flooding event. The streambank was repaired and stabilized and the bridge crossing repaired. An Agency Compliance Form (PAR #695) was submitted by the Spread G Environmental Inspection staff on 9/23/2021. A Declaration of Force Majeure was submitted to the VADEQ on September 27, 2021 for S-NN14 and S-RR13 due to the magnitude of the storm event.

The Spread G Environmental inspection staff observed three off right of way impacts caused by contractor activities on 8/11/2021, 8/19/2021, and 9/18/2021. One of the impacts was documented in an

Agency Compliance Form (Noncompliance Report #685) submitted by the Spread G Environmental Inspection staff for the impacts caused on 9/18/2021.

- On 8/11/2021 a grass fire caused by metal grinding activities ignited a grass fire outside the right of way. As part of the efforts to contain the fire related to health and safety, the contractor utilized heavy equipment to cut a small fire line outside the right of way. The impacted area was approximately 90 feet in length and extended approximately 15 feet off right of way. An Agency Compliance Form (Problem Area Report #646) was submitted by the EI on 8/11/2021. No punchlist item(s) were observed for this issue. Based on communication with the Spread G LEI the Environmental Auditor was informed that the off right of way disturbance was raked and stabilized. The Environmental Auditor conducted a follow up evaluation on 8/26/2021 and observed the impacted area stabilized and ESC measures installed and functional. No resources were impacted.
- On 8/19/2021 while the contractor was conducting sump clean out activities from the 8/17/2021 storm event, saturated material removed from the sump migrated approximately 20 feet off right of way within an upland area. Off right of way sediment clean up occurred and the impacted off right of way area was stabilized. An Agency Compliance Form (Problem Area Report #665) was submitted on 8/19/2021. The Contractor Environmental Coordinator was notified by the Spread G Environmental Inspection staff and a discussion occurred on proper sump maintenance. No resources were impacted.
- On 9/18/2021 the contractor stacked timber and installed ESC measures approximately 30 feet off right of way. An Agency Compliance Form (Noncompliance Report #685) was completed and submitted by the Spread G Environmental Inspection staff. Based on communication with the contractor, the off right of way ESC measures and timber stacks remain in place until landowner permission is granted for removal. **Refer to Sections VI. and VII below for further discussion.**

On 7/20/2021 the Spread G Environmental Inspection staff observed an ESC measure (Clean Water Diversion dike) removed by the contractor during grading operations. The CWD dike was immediately re-established and stabilized. The LEI communicated with the contractor staff regarding ESC measure awareness. An Agency Compliance Form (Non Compliance Report #643) was submitted by the LEI on 7/20/2021.

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 rainfall discussion, Sections IV., VI. and VII. below for further discussions.**

Based on the MVP Punchlist data and the Environmental Auditor's Bi-Weekly Reports, the following Table G-1A provides a summary of maintenance/repair items identified by the EIs throughout the Q3 reporting period:

Table G-1A

Spread G Environmental Inspector Observations: July 1, 2021 – September 30, 2021					
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 2021	*317	0	2	10	0
August 2021	*500	5	37	1	0
September 2021	*606	2	26	9	0

*Includes Carry Over Items

The EIs conducted a total of 187 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 MVP ODCP inspectors conducted weekly site inspections at Laydown Yard 026 from July 1, 2021 through September 30, 2021. Twenty-seven inspections were conducted in July, twenty-seven inspections were conducted in August and twenty-five inspections were conducted in September. A pallet of materials fell over and out of containment in the Contractor yard was observed by the ODCP inspector on 7/5/2021. The LEI and contractor were notified and materials were returned to second containment immediately. The ODCP inspector documented the corrective action resolved within the 7/5/2021 report photo log. A minor spill was identified near the primary containment on 8/28/2021. The ODCP inspector notified the onsite staff on 8/28/2021 and verified that the spill was addressed during the 8/29/2021 follow up inspection. One ODCP inspection was not conducted on August 11, 2021.

An approximate total of 31 recordable precipitation events occurred during the Q3 reporting period. Several events produced high intensity/short duration rainfall events which included remnants of Tropical Storm Fred (8/17/2021) and Hurricane Ida (8/31/2021 through 9/1/2021) resulting in heavy runoff that caused the ESC measures to become overwhelmed. **Refer to the discussion above for detailed information pertaining to the corrective action measures and Agency Compliance Forms submitted for the off right of way and environmental resource impacts.** The following dates identify the approximate precipitation data related to the corresponding off right of way and environmental resource impacts:

July 2021

- A rainfall event with intervals of high intensity/short duration storm events on 7/1/2021 produced approximately 1.3 inches of rainfall in one hour with a total of 2.2 inches in 12 hours. One off right of way sediment impact was identified on 7/3/2021.

August 2021

- High intensity/short duration storm events occurred during the overnight hours on 8/13/2021. During the inspection on 8/14/2021, the EI noted that the rain gauge was damaged; therefore, no rainfall data was available at the project location. Four off right of way sediment impacts were identified.
- On 8/15/2021 high intensity/short duration storm events produced 4.5 inches in 3 hours, 1.5 inches in 2 hours, and 0.6 inches in 2 hours at locations where 12 off right of way sediment impacts were identified by the EI on 8/16/2021.
- During the overnight hours of 8/16/2021 high intensity/short duration storm events produced approximately 0.5 to 1.55 inches in two hours. As a result of the rainfall, two off right of way impacts occurred in upland areas and were identified by the EI on 8/17/2021.
- During the overnight hours of 8/17/2021, high intensity/short duration storm events due to remnants of Tropical Storm Fred produced approximately 1.2 to 2.4-inches in two hours. The EI identified 12 off right of way sediment impacts and three environmental resource impacts (S-IJ16b, S-A32, and S-Y2) on 8/18/2021.
- A high intensity/short duration storm event occurred late on 8/20/2021 and produced approximately 0.7 inches in one hour. One off right of way sediment impact was identified by the EI on 8/21/2021.
- A high intensity/short duration storm event occurred late 8/21/2021 and produced approximately 2.5 inches in thirty minutes. One off right of way sediment impact was identified by the EI on 8/22/2021. The sediment traveled approximately three feet off right of way within an upland area. A nearby environmental resource (S-A33) was reviewed by the VADEQ on 8/23/2021 to determine if the resource was potentially impacted as a result of this off right of way incident. The VADEQ determined that no impact occurred to this environmental resource.

- A high intensity/short duration storm event occurred late 8/29/2021 and produced approximately 1.3 inches in two hours. Three off right of way sediment impacts were identified by the EI on 8/30/2021.

September 2021

- During the overnight hours of 8/31/2021 through 9/1/2021, high intensity/short duration storm events associated with remnants of Hurricane Ida produced approximately 2.35-2.9 inches within 6 hours. The EI identified 8 off right of way sediment impacts on 9/2/2021.
- A rainfall event occurred late 9/8/2021 and produced approximately 0.3 inches in two hours. One off right of way sediment impact was identified by the EI on 9/9/2021.
- A prolonged heavy storm event with intervals of high intensity/short duration rainfall began on 9/21/2021 and produced approximately 3.5 inches at two locations in 5 hours and 5.5 inches at the remaining 14 locations in 5 hours. Sixteen off right of way impacts and two environmental resource impacts (S-NN14 and S-RR13) were identified by the EIs on 9/22/2021.

Based on rainfall gauge data provided by the Spread G EIs, the following Table G-1B is a summary of monthly rainfall dates, amounts based on lowest to highest rates, and estimated event duration for each event throughout the Q3 reporting period:

Table G-1B

Spread G Rainfall and Duration Rates: July 1, 2021 – September 30, 2021					
July		August		September	
Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
7/1/2021	0.5"-3.4" – 12 Hours *Intervals of high intensity/short duration rainfall	8/1/2021	0.0"-0.15" – 1 Hour	9/1/2021	0.25"-1.15" – 2 Hours *Intervals of heavy showers *Remnants of Hurricane Ida
7/8/2021	0.2"-0.6" – 1 Hour	8/12/2021	0.0"-0.2" – 1 Hour	9/6/2021	0.0"-0.1" – 2 Hours
7/9/2021	0.0"-0.4" – 1 Hour	8/13/2021	0.0"-1.3" – 2 Hours *Intervals of high intensity/short duration rainfall	9/8/2021	0.05"-0.5" – 2 Hours
7/10/2021	0.3"-1.1" – 2 Hours	8/15/2021	0.3"-4.5" – 4 Hours *Intervals of high intensity/short duration rainfall	9/15/2021	0.0"-0.9" – 1 Hour
7/11/2021	0.0"-0.3" – 1 Hour	8/16/2021	0.05"-0.55" – 2 Hours	9/18/2021	0.0"-1.2" – 1 Hour
7/12/2021	0.0"-0.5" – 1 Hour	8/17/2021	1.2"-2.4" – 2 Hours *Intervals of high intensity/short duration rainfall *Remnants of Tropical Storm Fred	9/21/2021	2.0"-5.5" – 5 Hours *Intervals of high intensity/short duration rainfall
7/13/2021	0.0"-0.35" – 1 Hour	8/19/2021	0.0"-0.5" – 1 Hour	9/22/2021	0.15"-0.7" – 2 Hours *Intervals of high intensity/short duration rainfall
7/14/2021	0.0"-0.15" – 1 Hour	8/20/2021	0.0"-0.7" – 1 Hour *Isolated high intensity/short duration rainfall		
7/16/2021	0.0"-0.15" – 1 Hour	8/21/2021	0.0"-2.5" – 1 Hour *Isolated high intensity/short duration rainfall		
7/18/2021	0.0"-0.2" – 1 Hour	8/25/2021	0.0"-0.6" – 1 Hour *Isolated high intensity/short duration rainfall		
7/26/2021	0.0"-0.75" – 1 Hour	8/26/2021	0.0"-0.2" – 1 Hour		
		8/29/2021	0.1"-1.6" – 2 Hours *Isolated high intensity/short duration rainfall		
		8/31/2021	0.7"-2.5" – 4 Hours *Intervals of high intensity/short duration rainfall *Remnants of Hurricane Ida		

IV. Quarterly Summary of VADEQ Observations

Per Table G-1C, the VADEQ Inspectors observed a total of 83 items requiring repair/maintenance throughout the Q3 reporting period. During this reporting period, the Environmental Auditor noted no items identified by the VADEQ as ESC measures damaged due to impacts caused by third party activities. All items provided on the punchlist for the reporting period were communicated to the contractor staff and addressed within the VADEQ approved timeframe (24 hours/Three Days or as extended by VADEQ authorization). It should be noted that several VADEQ observations were redundant (after the fact) with the same observations previously noted by the Environmental Inspectors. **Refer to Table G-1C and the respective Bi-Weekly Reports for further detailed information.**

During the Q3 reporting period, the VADEQ identified 5 off right of way sediment impacts in upland locations on 8/17/2021, 8/18/2021, and 8/19/2021. The VADEQ also identified two environmental resource impacts at S-Y2 and S-A32 on 8/18/2021. It should be noted that the off right of way and environmental resource impacts were redundant observations as these impacts were initially observed and documented by the respective EIs. **Refer to Table G-1C and the respective Bi-Weekly Reports for further detailed information.**

The VADEQ staff communicated/coordinated with the Environmental Auditor, Spread G Environmental staff, construction staff, and MVP Environmental staff throughout the Q3 reporting period regarding project locations requiring proper ESC measures installation per the approved ESC plans. During the Q3 reporting period the ESC measures identified on the punchlist by the VADEQ were communicated to the contractor environmental staff and addressed within the required timeframes including extension requests approved by the VADEQ. **Refer to Section III. and Section VI. for additional information.**

Based on the MVP Punchlist data and the Environmental Auditor's Bi-Weekly Reports, the following summary provides maintenance/repair items identified by the VADEQ Inspectors throughout the Q3 reporting period:

Table G-1C

Spread G VADEQ Observations: July 1, 2021 – September 30, 2021					
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 2021	38	0	0	0	0
*August 2021	**34	**2	**5	0	0
*September 2021	**11	0	0	0	0

* Includes Carry Over Items

** Includes redundant items initially identified by the EI. Refer to the Bi-Weekly Reports for further details.

V. Quarterly Summary of Landowner/Third Party Issues

- A third party complaint was submitted to the VADEQ on August 6, 2021. The introduction of the report cites that the "report includes photos from Franklin County, VA starting near Wirtz south of Route 220". However, the photos and noted Mileposts were actually in Montgomery County. The report alleges areas of "seeding of disturbed areas in the MVP right-of-way has not met minimum cover requirements". Photo documentation within the report (corresponding photos taken November 2020 and July 2021) notes "areas of the right of way that are not adequately covered with vegetation". The photo log which serves as the basis for the report was developed via aerial photos taken from a manned aircraft. The Spread G Environmental staff continues to conduct inspections in addition to the required SWPPP inspections which includes observations caused by third party impacts. The ESC measures throughout the right of way are repaired/maintained and enhanced as needed based on daily punch lists and the required SWPPP inspections.

The Environmental Auditor reviews SWPPP Inspection Reports and Daily Punchlists which address temporary and permanent vegetative stabilization conditions throughout the right of way. The ESC measures, which include soil stabilization blanket, straw mulch and temporary seeding, throughout the evaluated areas are installed and maintained as necessary and no off right of way or resource impacts have been noted during this timeframe. The Environmental Auditor continues to communicate with the Spread G Environmental Inspection staff and the MVP Environmental staff and recommendations are provided by the Environmental Auditor based on observations noted during the evaluations.

- A third party complaint with corresponding photos was submitted to the VADEQ on August 20, 2021. The subject of the report is "Sediment in Doe Creek and Work off of the Right of Way". The complainant cites "workers attempting to erase and cover evidence of sediment deposits in Doe Creek". A high intensity/short duration storm event occurred overnight on 8/17/2021. The storm event produced approximately 2.4 inches in two hours. Due to the large volume of runoff generated by the storm event, the upslope ESC measures became overwhelmed resulting in off right of way impacts. Doe Creek (S-Y2) was subsequently impacted by the large volume of stormwater runoff and sediment. The VADEQ was notified immediately upon discovery early morning on 8/18/2021 regarding the off right of way and resource impacts. Construction crews responded promptly and initiated clean up and repair/maintenance activities. The Environmental Auditor conducted a site evaluation on 8/18/2021 and observed the contractor crews (laborers and heavy equipment operators) conducting repair/maintenance activities within the upland areas and nearby environmental resource impact locations. The Environmental Auditor communicated with the Spread G Environmental staff and the MVP Environmental staff and provided recommendations related to installing enhanced ESC measures.

VI. Quarterly Summary of Environmental Auditor Observations and Recommendations

Per Table G-1D, the Environmental Auditor conducted 37 site evaluations during the Q3 reporting period and observed locations where ESC measures required proper installation, repair/maintenance or additional (enhanced) ESC measures be installed. The Environmental Auditor provided recommendations to enhance existing or install additional ESC measures as necessary to minimize potential erosion and sediment impacts. During the reporting period, the Environmental Auditor evaluated the ESC and PCSWM measures throughout the project for proper installation and functionality. The Environmental Auditor also met with the VADEQ Inspection staff to review concerns related to proper ESC measure installation. The Environmental Auditor communicated observations and recommendations with the Spread G Environmental inspection staff, contractor staff and MVP Environmental staff (includes the Chief EI). Repair/maintenance items and recommendations were forwarded to the Spread G LEI and most recommendations were addressed. The recommendations by the Environmental Auditor to install enhanced ESC measures pertained to runoff control, erosion control, and sediment control Best Management Practices (BMPS). The Environmental Auditor provided recommendations to install additional enhanced ESC measures and assisted the MVP Environmental staff with the development ESC enhancements and BMP measures related to open trench construction to minimize erosion and sediment impacts during heavy runoff events. 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 implement enhanced ESC measures as necessary.

The Environmental Auditor evaluated areas of the project where off right of way impacts occurred throughout the Q3 reporting period. At the time of the evaluations the Environmental Auditor noted the ESC measures were repaired/maintained and enhanced. However, on August 17, 2021 the Environmental Auditor conducted a post rainfall event evaluation at Mount Tabor Road/MVP-MLV-26 (CIS) and noted that ESC measures were not properly installed at approximate stations 11686+80-11687+30 and 11709+50-11717+00.

These locations experienced isolated storm events with high intensity/short duration rainfall on 8/16/2021 which resulted in off right of way and resource impacts. The Environmental Auditor observed the waterbar end sumps not properly installed above the waterbar end sump at approximate station 11686+80. The end sumps were not constructed to discharge off of the right of way causing this end sump to become overwhelmed and subsequently caused an off right of way/resource impact at approximate station 11687+30. The Environmental Auditor observed six locations where off right of way impacts occurred and waterbars exceeding the required 2-5% maximum grading from approximate stations 11709+50-11717+00. The Environmental Auditor recommended revising the waterbar per the ESC plan requirements. The Environmental Auditor recommended that the MVP EIs continue to monitor areas for proper ESC measure installation, where potential issues may result in accelerated erosion and offsite sedimentation and implement the appropriate ESC measures as necessary. The Environmental Auditor conducted a follow up evaluation on September 10, 2021 and observed areas where the ESC measures have been properly installed and progress continuing on the remaining locations. The Environmental Auditor provided recommendations for additional enhanced ESC measures and assisted the MVP Environmental staff with the development ESC enhancements and BMP measures related to open trench construction to minimize erosion and sediment impacts during heavy runoff events.

The Environmental Auditor conducted evaluations at locations where post construction site restoration activities were occurring. The Environmental Auditor provided guidance and recommendations related to proper application techniques for hydraulic mulch operations and proper materials and installation of permanent waterbars and end treatments.

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

The Environmental Auditor also provided guidance related to the SWPPP Inspection reporting process and recommended conducting quality control reviews to ensure consistency between documentation.

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, 2021 – September 30, 2021	
Month	Total Observations
July 2021	11
August 2021	12
September 2021	14

VII. Conclusion(s)

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

- The Best Management Practices for the Project have been implemented in accordance with MVP's Annual Standards and Specifications, erosion and sediment control plans, and stormwater management plans;
- The temporary ESC measures were properly installed, inspected, and maintained; however, the following issues occurred:
 - On 7/20/2020 the Spread G Environmental Inspection staff observed an ESC measure (Clean Water Diversion dike) removed by the contractor during grading operations;
 - The Environmental Auditor conducted a site evaluation on 8/17/2021 following isolated storm events with high intensity/short duration rainfall which resulted in off right of way and resource impacts. The Environmental Auditor observed six locations ESC measures not properly installed which resulted in off right of way impacts including a resource impact at S-MN21.
 - The contractor did not replace ESC measures at the end of the work day on 8/31/2021 prior to a storm event which resulted in erosion throughout the right of way causing the sediment control measures to become overwhelmed and sediment discharging off right of way; and
 - The contractor worked approximately 30 feet off right of way during access road restoration activities on 9/18/2021.
- All ineffective temporary ESC measures observed by the Environmental Inspectors/Environmental Auditor were repaired and ESC measures in need of routine maintenance were maintained within the timeframes required by MVP's Annual Standards and Specifications or as otherwise provided in the Consent Decree.

Based on the aforementioned observations, the resources available and deployed in the field, including EIs and the construction contractor, were sufficient to regularly and consistently conduct routine maintenance and/or repair ineffective ESC measures in a timely manner throughout the Q3 reporting period. The Environmental Auditor recommends continued communication between the MVP Environmental inspection staff and the contractor to ensure all construction activities remain within the permitted right of way and all ESC measures are properly installed and functional at the end of each day and prior to forecasted weather events. The Environmental Auditor continues to recommend frequent meetings between the Spread G Environmental inspection staff and contractor to review right of way conditions and proper ESC measure installation to ensure compliance will be maintained with the approved Annual Standards and Specifications. It should be noted that no further instances of off right of way impacts or improper ESC measure installation occurred since the Spread G Environmental staff issued the Agency Compliance Forms and internal meetings were held between MVP and the contractor staff.

In accordance with Section IV.a of the Consent Decree, the Environmental Auditor concludes that all alleged instances of non-compliance with MVP's Annual Standards and Specifications, MVP's Site-Specific ESC and SWM Plans, and Clean Water Act Section 401 Water Quality Certification No. 17.001 addressed in the Consent Decree that are within MVP's power to correct have been corrected. As the VADEQ is aware, there are several previous instances noted in the Q4 2019 through Q2 2021 Reports in which sediment has left the ROW but MVP's requests for landowner permission to take corrective measures have been denied.



Agency Compliance Form

Project Name	H-600 Pipeline Spread G	AFE	124300137	Spread	H-600 Pipeline Spread G
Contractor	Precision	Report #	643		
Inspector	Brian Shields	Date/Time	7/20/2021 10:23 AM		

Directions

Agency noncompliance issues must be reported IMMEDIATELY to the Project Environmental Permit Coordinator and MVP Construction Manager. Examples include FERC Noncompliance Report (NCR), FERC Problem Area Report (PAR), FERC Serious Violation (SV), WV DEP Notice of Violation (NOV), or VA DEQ NOV, or other regulatory agency NOV.

First responder must collect the following information to provide to the Project Environmental Permit Coordinator. If the Project Environmental Coordinator cannot be reached, contact any of the EQT Permit Coordinators or supervisors listed below. The Environmental Permit Coordinator will respond to the agency

Environmental Coordinator Contact List

State	Name	Office (M-F, 7 am-5 pm)	Cell
VA	Brian Clauto	724-873-3465	412-295-4184
WV	Matt Hoover	724-873-3009	412-258-5627
VA/WV	Megan Neylon	724-873-3645	304-841-2086
VA/WV	Cory Chalmers	304-848-0061	304-627-8173

Noncompliance Data

Noncompliance Name	Diversion Berm Removal
Noncompliance Description	Diversion berm between stations 11284+00 and 11284+50 was graded out and topsoil that comprised the Diversion berm has been incorporated into the ROW subsoil
Facility	MVP
Business Unit	MVP
Location Type	Construction
Location Name	H-600 Pipeline Spread G
Agency Issuing Noncompliance	MVP
Compliance Level	NCR
Noncompliance Reported by (Name)	Brian Shields
Primary Vendor on Location	Precision
Date MVP Environmental Coordinator Notified	7/20/2021
Time MVP Environmental Coordinator Notified	10:26 AM
Date Agency Report Issued	7/20/2021
Time Agency Report Issued	10:26 AM
State	VA
County	Giles
Weather	Sunny

A/E	124300137	Date/Time	7/20/2021 10:23 AM	Report #	643
Waterbody/wetland affected		No			
If yes, name of waterbody/wetland affected					
If no, distance to nearest waterbody/wetland		1000	Ft		
Description of Corrective Actions		Contractor is to re-establish the missing diversion berm section. diversion berm section will be made of topsoil and built per project specifications and stabilized. All operators are to be made aware of project e&s controls.			
Date Corrective Actions Started		7/20/2021			
Completed by MVP Environmental Coordinator					
Additional Corrective Actions					
Date Corrective Actions Completed					
Date Agency Response Completed					

A/E	124300137	Date/Time	7/20/2021 10:23 AM	Report #	643
Pictures					
					
GPS Location	see photo	GPS Location	see photo		
Field Station#	11284+00	Field Station#	11284+00		
Pic 1 Desc.	grading of diversion berm/soil mixing	Pic 2 Desc.	grading of diversion berm/soil mixing		
					
GPS Location	see photo	GPS Location	see photo		
Field Station#	11284+00	Field Station#	11284+00		
Pic 3 Desc.	diversion berm restored and stabilized	Pic 4 Desc.	diversion berm restored and stabilized		
Insert image here		Insert image here			
GPS Location		GPS Location			
Field Station#		Field Station#			
Pic 5 Desc.		Pic 6 Desc.			

A/E	124300137	Date/Time	7/20/2021 10:23 AM	Report #	643
Pictures					
Insert image here			Insert image here		
GPS Location		GPS Location		Field Station#	
Field Station#		Field Station#		Pic 7 Desc.	
Insert image here			Insert image here		
GPS Location		GPS Location		Field Station#	
Field Station#		Field Station#		Pic 9 Desc.	
Insert image here			Insert image here		
GPS Location		GPS Location		Field Station#	
Field Station#		Field Station#		Pic 11 Desc.	
Insert image here			Insert image here		
Insert image here			Insert image here		

A/E	124300137	Date/Time	7/20/2021 10:23 AM	Report #	643
Pictures					
Insert image here			Insert image here		
GPS Location		GPS Location		Field Station#	
Field Station#		Field Station#		Pic 13 Desc.	
Insert image here			Insert image here		
GPS Location		GPS Location		Field Station#	
Field Station#		Field Station#		Pic 15 Desc.	
Insert image here			Insert image here		
GPS Location		GPS Location		Field Station#	
Field Station#		Field Station#		Pic 17 Desc.	
Insert image here			Insert image here		
Insert image here			Insert image here		



Agency Compliance Form

Project Name	H-600 Pipeline Spread G	AFE	124300137	Spread	H-600 Pipeline Spread G
Contractor	Precision	Report #	682		
Inspector	David Schoolcraft	Date/Time	9/2/2021 2:57 PM		

Directions

Agency noncompliance issues must be reported IMMEDIATELY to the Project Environmental Permit Coordinator and MVP Construction Manager. Examples include FERC Noncompliance Report (NCR), FERC Problem Area Report (PAR), FERC Serious Violation (SV), WV DEP Notice of Violation (NOV), or VA DEQ NOV, or other regulatory agency NOV.

First responder must collect the following information to provide to the Project Environmental Permit Coordinator. If the Project Environmental Coordinator cannot be reached, contact any of the EQT Permit Coordinators or supervisors listed below. The Environmental Permit Coordinator will respond to the agency





Environmental Coordinator Contact List


State	Name	Office (M-F, 7 am-5 pm)	Cell
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WV	Matt Hoover	724-873-3009	412-258-5627
VA/WV	Megan Neylon	724-873-3645	304-841-2086
VA/WV	Cory Chalmers	304-848-0061	304-627-8173

Noncompliance Data

Noncompliance Name	
Noncompliance Description	CFS water bars not put back in place. Sediment off LOD Approximate station number 11422+75
Facility	MVP
Business Unit	MVP
Location Type	Construction
Location Name	H-600 Pipeline Spread G
Agency Issuing Noncompliance	MVP
Compliance Level	NCR
Noncompliance Reported by (Name)	David Schoolcraft
Primary Vendor on Location	Precision
Date MVP Environmental Coordinator Notified	9/2/2021
Time MVP Environmental Coordinator Notified	10:30 AM
Date Agency Report Issued	9/2/2021
Time Agency Report Issued	3:04 PM
State	VA
County	Giles
Weather	Sunny

A/E	124300137	Date/Time	9/2/2021 2:57 PM	Report #	682
Waterbody/wetland affected		No			
If yes, name of waterbody/wetland affected					
If no, distance to nearest waterbody/wetland		2600	Ft		
Description of Corrective Actions		<p>CFS water bars not put back in place. Sediment off LOD Approximate station number 11422+75 Tract Number VA-GI-200.040 CFS water bars@11421+00 and 11420+00 were not put back into place at end of work day which directly led to the sediment off row at 12242+75 it is approximately 10ft outside of LOD. Water flowed down travel lane causing rilling, erosion, overrun ECDs, and sediment off of LOD. Sock water bars need to be closed at the end of each day. 11423+00 to 11422+00 rilling and erosion needs repaired and stabilized with curlex. Also, CFS needs cleaned off. Retrieve off LOD sediment once land department obtains land owner permission for off ROW access. Seed and stabilize area.</p>			
Date Corrective Actions Started		9/3/2021			
Completed by MVP Environmental Coordinator					
Additional Corrective Actions					
Date Corrective Actions Completed					
Date Agency Response Completed					

AFE	124300137	Date/Time	9/2/2021 2:57 PM	Report #	682
Pictures					
<p>Date & Time: Thu, Sep 02, 2021, 11:51:43 EDT Position: +037 314903 / -080 449372 (+15.4ft) Altitude: 2311ft (+11.3ft) Datum: WGS-84 Azimuth/Bearing: 004 N04E 0071mils True (+12°) Elevation Angle: +04.2° Horizon Angle: +01.7° Zoom: 0.5X 11420+00</p> 		<p>Date & Time: Thu, Sep 02, 2021, 11:50:45 EDT Position: +037 314083 / -080 448920 (+24.13ft) Altitude: 2281ft (+23.9ft) Datum: WGS-84 Azimuth/Bearing: 299 N29W 300mils True (+12°) Elevation Angle: -08.2° Horizon Angle: -01.7° Zoom: 0.5X 11421+00</p> 			
GPS Location	See photo	GPS Location	See photo		
Field Station#	11420+00	Field Station#	11421+00		
Pic 1 Desc.	CFS water bar was not put back in place	Pic 2 Desc.	CFS water bar was not put back in place		
<p>Date & Time: Thu, Sep 02, 2021, 11:45:00 EDT Position: +037 314270 / -080 448654 (+21.7ft) Altitude: 2301ft (+23.0ft) Datum: WGS-84 Azimuth/Bearing: 297 N63W 5380mils True (+12°) Elevation Angle: +02.8° Horizon Angle: +03.3° Zoom: 0.5X 11422+75</p> 		<p>Date & Time: Thu, Sep 02, 2021, 11:43:37 EDT Position: +037 314389 / -080 448792 (+11.2ft) Altitude: 2270ft (+21.3ft) Datum: WGS-84 Azimuth/Bearing: 016 N16E 0284mils True (+12°) Elevation Angle: +10.3° Horizon Angle: +02.9° Zoom: 0.5X 11422+75 repair fills stabilize with cortex</p> 			
GPS Location	See photo	GPS Location	See photo		
Field Station#	11422+75	Field Station#	11422+75		
Pic 3 Desc.	CFS water bars not in place	Pic 4 Desc.	Rilling and erosion		
<p>Date & Time: Thu, Sep 02, 2021, 11:40:55 EDT Position: +037 314635 / -080 448610 (+15.8ft) Altitude: 2273ft (+10.7ft) Datum: WGS-84 Azimuth/Bearing: 305 N15W 8133mils True (+12°) Elevation Angle: +24.2° Horizon Angle: +03.6° Zoom: 0.5X 11422+752ft</p> 		<p>Date & Time: Thu, Sep 02, 2021, 11:41:37 EDT Position: +037 314526 / -080 448330 (+29.4ft) Altitude: 2260ft (+18.6ft) Datum: WGS-84 Azimuth/Bearing: 311 N31W 5529mils True (+12°) Elevation Angle: +25.5° Horizon Angle: +03.6° Zoom: 0.5X 11422+752ft</p> 			
GPS Location	See photo	GPS Location	See photo		
Field Station#	11422+75	Field Station#	11422+75		
Pic 5 Desc.	Sediment off row	Pic 6 Desc.	Over run CFS		

AFE	124300137	Date/Time	9/2/2021 2:57 PM	Report #	682
Pictures					
		<p>Insert image here</p>			
GPS Location	See photo	GPS Location			
Field Station#	11423+00	Field Station#			
Pic 7 Desc.	Over view of impacted area	Pic 8 Desc.			
<p>Insert image here</p>		<p>Insert image here</p>			
GPS Location		GPS Location			
Field Station#		Field Station#			
Pic 9 Desc.		Pic 10 Desc.			
<p>Insert image here</p>		<p>Insert image here</p>			
GPS Location		GPS Location			
Field Station#		Field Station#			
Pic 11 Desc.		Pic 12 Desc.			

A/E	124300137	Date/Time	9/2/2021 2:57 PM	Report #	682
Pictures					
Insert image here			Insert image here		
GPS Location		GPS Location		Field Station#	
Field Station#		Field Station#		Pic 13 Desc.	
Insert image here			Insert image here		
GPS Location		GPS Location		Field Station#	
Field Station#		Field Station#		Pic 15 Desc.	
Insert image here			Insert image here		
GPS Location		GPS Location		Field Station#	
Field Station#		Field Station#		Pic 17 Desc.	
Insert image here			Insert image here		
Insert image here			Insert image here		



Agency Compliance Form

Project Name	H-600 Pipeline Spread G	AFE	124300137	Spread	H-600 Pipeline Spread G
Contractor	Precision	Report #	685		
Inspector	Jared Saunders	Date/Time	9/18/2021 11:14 AM		

Directions

Agency noncompliance issues must be reported IMMEDIATELY to the Project Environmental Permit Coordinator and MVP Construction Manager. Examples include FERC Noncompliance Report (NCR), FERC Problem Area Report (PAR), FERC Serious Violation (SV), WV DEP Notice of Violation (NOV), or VA DEQ NOV, or other regulatory agency NOV.

First responder must collect the following information to provide to the Project Environmental Permit Coordinator. If the Project Environmental Coordinator cannot be reached, contact any of the EQT Permit Coordinators or supervisors listed below. The Environmental Permit Coordinator will respond to the agency







Environmental Coordinator Contact List

State	Name	Office (M-F, 7 am-5 pm)	Cell
VA	Brian Clauto	724-873-3465	412-295-4184
WV	Matt Hoover	724-873-3009	412-258-5627
VA/WV	Megan Neylon	724-873-3645	304-841-2086
VA/WV	Cory Chalmers	304-848-0061	304-627-8173

Noncompliance Data

Noncompliance Name	NCR for off ROW activities.
Noncompliance Description	Work conducted outside the LOD and log piles stacked outside the LOD on Access Road 243.01.
Facility	MVP
Business Unit	MVP
Location Type	Construction
Location Name	H-600 Pipeline Spread G
Agency Issuing Noncompliance	MVP
Compliance Level	NCR
Noncompliance Reported by (Name)	Jared Saunders
Primary Vendor on Location	Precision Pipeline LLC.
Date MVP Environmental Coordinator Notified	9/18/2021
Time MVP Environmental Coordinator Notified	10:34 AM
Date Agency Report Issued	9/18/2021
Time Agency Report Issued	11:16 AM
State	VA
County	Giles
Weather	Sunny

AFE	124300137	Date/Time	9/18/2021 11:14 AM	Report #	685
Waterbody/wetland affected		No			
If yes, name of waterbody/wetland affected					
If no, distance to nearest waterbody/wetland		300	Ft		
Description of Corrective Actions		<p>Crew restoring access road 243.01 worked outside the LOD with equipment in various locations. In the most severe location disturbance occurred approximately 30 feet outside the LOD. In 5 different locations along the access road logs were stacked outside the LOD. Logs were stacked outside the LOD approximately 20 feet in areas.</p> <p>Upon land owner permission logs will retrieved and placed back on ROW. Disturbed areas from log retrieval will be stabilized with a permanent seed mixture and mulch. Locations where equipment worked outside the LOD will be put back to original grade and the area will be stabilized with a permanent seed mixture and mulch. Location were controls are installed off ROW, ECDs will be removed and reinstalled within the LOD.</p>			
Date Corrective Actions Started		9/18/2021			
Completed by MVP Environmental Coordinator					
Additional Corrective Actions					
Date Corrective Actions Completed					
Date Agency Response Completed					

AFE	124300137	Date/Time	9/18/2021 11:14 AM	Report #	685
Pictures					
 <p>Date & Time: Sat, Sep 18, 2021, 10:22:35 EDT Position: +037327132 / -080552823 / +64.5m Altitude: 2713ft (+40.4ft) Datum: WGS-84 Azimuth Bearing: 218° S20W 3875mils True (+12°) Elevation Angle: +04.6° Horizon Angle: +03.9° Zoom: 1.0X AR 243.01</p>		 <p>Date & Time: Sat, Sep 18, 2021, 10:21:11 EDT Position: +0373247182 / -080552823 / +64.5m Altitude: 2706ft (+48.7m) Datum: WGS-84 Azimuth Bearing: 224° S44W 3792mils True (+12°) Elevation Angle: +08.2° Horizon Angle: +06.8° Zoom: 1.0X AR 243.01</p>			
GPS Location	See photo for GPS location.		GPS Location	See photo for GPS location.	
Field Station#	11011+68		Field Station#	11011+68	
Pic 1 Desc.	Logs stacked outside the LOD.		Pic 2 Desc.	Logs stacked outside the LOD.	
 <p>Date & Time: Sat, Sep 18, 2021, 10:20:05 EDT Position: +0373247182 / -080552823 / +64.5m Altitude: 2706ft (+48.7m) Datum: WGS-84 Azimuth Bearing: 224° S44W 3792mils True (+12°) Elevation Angle: +08.2° Horizon Angle: +06.8° Zoom: 1.0X AR 243.01</p>		 <p>Date & Time: Sat, Sep 18, 2021, 10:44:22 EDT Position: +037327558 / -080551999 / +154.4m Altitude: 2761ft (+63.3ft) Datum: WGS-84 Azimuth Bearing: 044° N44E 0782mils True (+17°) Elevation Angle: +00.4° Horizon Angle: +06.4° Zoom: 1.0X AR 243.01</p>			
GPS Location	See photo for GPS location.		GPS Location	See photo for GPS location.	
Field Station#	11011+68		Field Station#	11011+68	
Pic 3 Desc.	Logs stacked outside the LOD.		Pic 4 Desc.	Equipment operated outside the LOD and controls installed outside the LOD.	
 <p>Date & Time: Sat, Sep 18, 2021, 10:35:20 EDT Position: +037327089 / -080552823 / +84.4m Altitude: 2717ft (+50.2ft) Datum: WGS-84 Azimuth Bearing: 357° N04E 1047mils True (+13°) Elevation Angle: +04.4° Horizon Angle: +03.9° Zoom: 1.0X AR 243.01</p>		 <p>Date & Time: Sat, Sep 18, 2021, 10:36:40 EDT Position: +037327518 / -080552021 / +118.1m Altitude: 2751ft (+10.2ft) Datum: WGS-84 Azimuth Bearing: 213° S33W 3787mils True (+12°) Elevation Angle: +10.8° Horizon Angle: +07.7° Zoom: 1.0X AR 243.01</p>			
GPS Location	See photo for GPS location.		GPS Location	See photo for GPS location.	
Field Station#	11011+68		Field Station#	11011+68	
Pic 5 Desc.	Equipment operated outside the LOD. Black line represents LOD.		Pic 6 Desc.	Equipment operated outside the LOD.	

AFE	124300137	Date/Time	9/18/2021 11:14 AM	Report #	685
Pictures					
					
GPS Location	See photo for GPS location.		GPS Location	See photo for GPS location.	
Field Station#	11011+68		Field Station#	11011+68	
Pic 7 Desc.	Logs stacked outside the LOD.		Pic 8 Desc.	Logs stacked outside the LOD.	
					
GPS Location	See photo for GPS location.		GPS Location	See photo for GPS location.	
Field Station#	11011+68		Field Station#	11011+68	
Pic 9 Desc.	Equipment operated outside the LOD and controls installed outside the LOD.		Pic 10 Desc.	Equipment operated outside the LOD.	
					
GPS Location	See photo for GPS location.		GPS Location	See photo for GPS location.	
Field Station#	11011+68		Field Station#	11011+68	
Pic 11 Desc.	Logs stacked outside the LOD.		Pic 12 Desc.	Equipment operated outside the LOD.	

A/E	124300137	Date/Time	9/18/2021 11:14 AM	Report #	685
Pictures					
Insert image here			Insert image here		
GPS Location		GPS Location		Field Station#	
Field Station#		Field Station#		Pic 13 Desc.	
Insert image here			Insert image here		
GPS Location		GPS Location		Field Station#	
Field Station#		Field Station#		Pic 15 Desc.	
Insert image here			Insert image here		
GPS Location		GPS Location		Field Station#	
Field Station#		Field Station#		Pic 17 Desc.	
Insert image here			Insert image here		
Insert image here			Insert image here		

Report Period Ending: 7/11/2021
Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 29 conducted from 6/28/2021 through 7/11/2021 (Refer to Environmental Auditor Field Observations and Recommendations)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 6/28/2021 through 7/11/2021 (Includes Carry Over Items from 6/27/2021): 215											
Total Number of ODCP Inspections at Laydown Yard 026: 6 (6/28/2021 through 7/3/2021); 6 (7/5/2021 through 7/10/2021) A pallet of materials fell over and out of containment in the Contractor yard was observed by the ODCP inspector on 7/5/2021. The LEI and contractor were notified and materials were returned to second containment immediately. The ODCP inspector documented the corrective action resolved within the 7/5/2021 report photo log.											
Total Number of VADEQ Observations from 6/28/2021 through 7/11/2021: 19											
Total Number of Landowner Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 5 (wildlife traffic and landowner traffic)											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damage to ESC measures caused by fallen debris): 0											
Total Number of Off Right of Way Impacts: 2 (1 . Pondered water was observed on 7/2/2021 and upon infiltration an off right of way sediment deposit was identified on 7/3/2021. The storm event produced approximately 1.3 inches of rainfall in one hour with a total of 2.2 inches in 24 hours causing sediment to travel approximately 10 feet off right of way. The ESC measures were repaired/maintained and enhanced, off right of way sediment cleanup and stabilization occurred on 7/3/2021 within the required timeframe. No resources were impacted. 2 . One impacted area experienced a high intensity/short duration rainfall event on 7/10/2021 causing ESC measures to become overwhelmed. The storm event produced approximately 1.1 inches of rainfall in two hours causing sediment to travel approximately three feet off right of way. The ESC measures were repaired/maintained and enhanced, off right of way sediment cleanup and stabilization occurred on 7/3/2021 within the required timeframe. No resources were impacted. Refer to Environmental Inspector Observations below).											
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 6/28/2021 through 7/11/2021.											
CARRY OVER ITEMS FROM 6/27/2021											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
6/26/2021		3					3			2 on 6/28/2021 1 on 6/29/2021	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
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
6/28/2021		22				1	21		4 on 6/28/2021 12 on 6/29/2021	6 on 6/29/2021	Twenty-two items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to wildlife traffic.
6/29/2021		7					7		1 on 6/30/2021	6 on 6/30/2021	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
6/30/2021		10					10		5 on 7/1/2021	5 on 7/1/2021	Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/1/2021	0.5"-3.4" - 12 Hours	6					6		4 on 7/1/2021 1 on 7/2/2021	1 on 7/1/2021	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/2/2021		85				1	84	1 on 7/3/2021 to be completed upon safe retrieval and anchoring of fallen pipe	40 on 7/3/2021 1 on 7/5/2021 (Ext. Request)	39 on 7/3/2021 5 on 7/5/2021	Eighty-five items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to landowner traffic. One of the items occurred due to failed skid sets resulting in the pipe becoming dislodged and subsequently coming to rest approximately 20-feet off right of way. Erosion and sediment control measures were damaged as a result of this incident and were subsequently repaired/replaced, landowner permission granted, pipe retrieved and stabilization completed via an extension request approval. An Agency Compliance Form (Problem Area Report #639) was completed by the Spread G Environmental inspection staff. No resources were impacted.
7/3/2021		2		1			1		2 on 7/3/2021		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the of the identified items was observed to be an off right of way sediment impact approximately 10 feet off right of way within an upland area. A high intensity/short duration rainfall event caused sediment controls to be overwhelmed in an overlap gap. The EI identified ponded water outside the right of way on 7/2/2021 and upon returning to reinspect this area on 7/3/2021 the ponded area had infiltrated an a sediment deposit was observed. ESC measures were repaired/maintained and enhanced, off right of way sediment clean up completed and the impacted area was stabilized. No resources were impacted. An Agency Compliance Form (Problem Area Report #640) was completed by the Spread G Environmental inspection staff.
7/5/2021		10				1	9		8 on 7/6/2021	2 on 7/6/2021	Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to wildlife traffic.
7/6/2021		15				2	13		13 on 7/7/2021	2 on 7/7/2021	Fifteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to wildlife traffic.
7/7/2021		14					14		3 on 7/7/2021 4 on 7/8/2021	1 on 7/7/2021 6 on 7/8/2021	Fourteen items were identified requiring ESC repair/maintenance and completed within the required timeframe
7/8/2021	0.2"-0.6" - 1 Hour	1					1		1 on 7/9/2021		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
7/9/2021	0.0"-0.4" - 1 Hour	11					11		1 on 7/9/2021 7 on 7/10/2021	2 on 7/10/2021	Eleven items were identified requiring ESC repair/maintenance and ten were completed within the required timeframe. The remaining one item has three days to be completed.
7/10/2021	0.3"-1.1" - 2 Hours	7					7		2 on 7/10/2021		Seven items were identified requiring ESC repair/maintenance and two were completed within the required timeframe. The remaining 5 items have three days to be completed.
7/11/2021		22		1			21				Twenty-two items were identified requiring ESC repair/maintenance. One of the of the identified items was identified as an off right of way sediment impact approximately three feet off right of way within an upland area. A high intensity/short duration rainfall event caused sediment controls to be overwhelmed. Nine items have 24 hours to be completed with one of the items (off right of way impact) awaiting landowner access approval. The remaining 13 items have three days to be completed.

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
6/30/2021		3					3		2 on 7/1/2021	1 on 7/1/2021	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/2/2021		1					1			1 on 7/3/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
7/7/2021		13								1 on 7/7/2021 12 on 7/8/2021	Thirteen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/9/2021	0.0"-0.4" - 1 Hour	2							2 on 7/10/2021		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
LANDOWNER REPORTED COMPLAINTS											
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE						TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS							CONCLUSION AND RECOMMENDATIONS			
7/1/2021	The Environmental Auditor conducted site evaluations at the following locations: MVP-CR-258.02 (CIS/GAS), MVP-GI-256.06 (CIS/GAS), Winding Way Drive/MVP-GI-251.01 (CIS), and MVP-GI-241.04 (CIS/GAS).							The Environmental Auditor observed locations where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI regarding observations and recommendations related to installing enhanced ESC measures as needed.			
7/8/2021	The Environmental Auditor conducted a site evaluation at MVP-CR-258.02 (GAS).							The Environmental Auditor observed locations where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G Environmental inspection staff, MVP Environmental staff and contractor regarding observations and recommendations related to PCSWM permanent waterbar and end treatment installation.			
6/28/2021 through 7/11/2021	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPP Inspection Reports to be compliant during this reporting period for the Spread G Project. One SWPPP Inspection Report (7/2/2021) is not complete per punchlist observations. The Environmental Auditor communicated the SWPPP findings with the Spread G Environmental Coordinator on 7/13/2021.							The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. The Environmental Auditor recommends all SWPPP Inspection Reports be reviewed with the respective daily punchlist to ensure consistency between both reports prior to submittal. 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: 7/25/2021
Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 28 conducted from 7/12/2021 through 7/25/2021											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 7/12/2021 through 7/25/2021 (Includes Carry Over Items from 7/11/2021): 111											
Total Number of ODCP Inspections at Laydown Yard 026: 6 (7/12/2021 through 7/17/2021); 6 (7/19/2021 through 7/24/2021) : On 7/12/2021 a DEF container was observed by the ODCP inspector not within secondary containment. Upon communicating with the Spread G LEI, it was noted that the container was actually empty and therefore, no leaks or spills occurred.											
Total Number of VADEQ Observations from 7/12/2021 through 7/25/2021: 5											
Total Number of Landowner Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 5 (wildlife traffic and landowner traffic)											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damage to ESC measures caused by fallen debris): 0											
Total Number of Off Right of Way Impacts: 0											
Total Number of Environmental Resource Impacts: 0											
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0											
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 7/12/2021 through 7/25/2021.											
CARRY OVER ITEMS FROM 7/11/2021											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
7/9/2021		1					1			1 on 7/12/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
7/10/2021		5					5			5 on 7/12/2021	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/11/2021		22		1			21		9 on 7/12/2021 (includes off right of way impact)	5 on 7/12/2021 5 on 7/13/2021 3 on 7/14/2021	Twenty-two items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the of the identified items was identified as an off right of way sediment impact approximately three feet off right of way within an upland area. A high intensity/short duration rainfall event caused sediment controls to be overwhelmed. The ESC measures were repaired/maintained, landowner permission granted, off right of way sediment cleaned up and stabilization completed. No resources were impacted.
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
7/12/2021	0.0"-0.5" - 1 Hour	6					6		6 on 7/13/2021		Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/13/2021	0.0"-0.35" - 1 Hour	14					14		4 on 7/14/2021	8 on 7/14/2021 2 on 7/15/2021	Fourteen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/14/2021	0.0"-0.15" - 1 Hour	10				2	8		6 on 7/15/2021	2 on 7/15/2021 2 on 7/16/2021	Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified impacts were caused by third party impacts related to landowner traffic and wildlife traffic.
7/15/2021		4				1	3		2 on 7/16/2021	2 on 7/16/2021	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified impacts was caused by third party impacts related to wildlife traffic.
7/16/2021	0.0"-0.15" - 1 Hour	5				1	4		5 on 7/17/2021		Five items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified impacts was caused by third party impacts related to wildlife traffic.
7/19/2021		9					9		4 on 7/20/2021	5 on 7/20/2021	Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/20/2021		13					13		2 on 7/20/2021 11 on 7/21/2021		Thirteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. A FERC Agency Compliance Form (Non Compliance Report #643) was submitted by the LEI due to a Clean Water Diversion (CWD) dike (comprised of topsoil) being graded by the contractor and incorporated into the subsoil. This item was not on the punchlist. Per the Non Compliance Report, this item was immediately addressed.
7/21/2021		3				1	2		3 on 7/22/2021		Three items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified impacts was caused by third party impacts related to wildlife traffic.
7/22/2021		10					10		4 on 7/23/2021	6 on 7/23/2021	Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/23/2021		9					9		5 on 7/24/2021	4 on 7/24/2021	Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe.

VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
7/12/2021	0.0"-0.5" - 1 Hour	4					4		3 on 7/13/2021	1 on 7/13/2021	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/14/2021	0.0"-0.15" - 1 Hour	1					1			1 on 7/15/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
LANDOWNER REPORTED COMPLAINTS											
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE						TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS							CONCLUSION AND RECOMMENDATIONS			
7/19/2021	The Environmental Auditor conducted a site evaluation at MVP-CR-258.02 (GAS).							The Environmental Auditor observed locations where ESC and PCSWM measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G Environmental inspection staff, MVP Environmental staff and contractor regarding observations and recommendations related to proper hydraulic mulch application rates and coverage related to permanent restoration.			
7/21/2021	The Environmental Auditor conducted site evaluations at Cascade Drive (CIS) and MVP-GI-241.03.							The Environmental Auditor observed locations where ESC measures were installed/functional and enhanced where previous off right of way impacts occurred at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI regarding observations and recommendations related to repair/maintenance and installing enhanced ESC measures.			
7/23/2021	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-244 (CIS/GAS), MVP-GI-256.02 (CIS), and MVP-CR-258.02 (GAS).							The Environmental Auditor observed locations where ESC measures were installed/functional and enhanced where previous off right of way impacts occurred at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI regarding observations and recommendations related to repair/maintenance and installing enhanced ESC measures.			
7/12/2021 through 7/25/2021	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPP Inspection Reports to be compliant during this reporting period for the Spread G Project. However, on 7/20/2020 the Spread G Environmental Inspection staff observed an ESC measure (Clean Water Diversion dike) removed by the contractor during grading operations. The CWD dike was immediately re-established and stabilized. The LEI communicated with the contractor staff regarding ESC measure awareness. An Agency Compliance Form (Non Compliance Report #643) was submitted by the LEI on 7/20/2021.							The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.			
REQUIRED FINDINGS AND CONCLUSIONS											
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).									
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes										
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes										
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes										

MOUNTAIN VALLEY PIPELINE
SPREAD G
ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 7/26/2021 through 8/8/2021

ENVIRONMENTAL AUDITOR CONTACT INFORMATION
Joe Crea CPESC, CPSWQ
Tetra Tech
661 Andersen Drive, Suite 200, Pittsburgh PA 15220

Report Period Ending: 8/8/2021
Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 27 conducted from 7/26/2021 through 8/8/2021											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 7/26/2021 through 8/8/2021 (Includes Carry Over Items from 7/25/2021): 90											
Total Number of ODCP Inspections at Laydown Yard 026: 6 (7/26/2021 through 7/31/2021); 6 (8/2/2021 through 8/7/2021)											
Total Number of VADEQ Observations from 7/26/2021 through 8/8/2021: 18											
Total Number of Landowner 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: 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 7/26/2021 through 8/8/2021.											
CARRY OVER ITEMS FROM 7/25/2021											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
7/26/2021	0.0"-0.75" - 1 Hour	8					8		4 on 7/27/2021	4 on 7/27/2021	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/27/2021		2					2		2 on 7/28/2021		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/28/2021		6				1	5		2 on 7/29/2021	3 on 7/29/2021 1 on 7/30/2021	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to wildlife traffic.
7/29/2021		5					5		4 on 7/30/2021	1 on 7/30/2021	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/30/2021		12					12		2 on 7/30/2021 1 on 7/31/2021	9 on 7/31/2021	Twelve items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/2/2021	0.0"-0.15" - 1 Hour *Rainfall occurred on 8/1/2021	12					12		3 on 8/3/2021	8 on 8/3/2021 1 on 8/4/2021	Twelve items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/3/2021		4					4		2 on 8/4/2021	2 on 8/3/2021	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/4/2021		20					20		12 on 8/5/2021	4 on 8/5/2021 4 on 8/6/2021	Twenty items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/5/2021		9					9			9 on 8/6/2021	Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/6/2021		12					12		8 on 8/7/2021	4 on 8/7/2021	Twelve items were identified requiring ESC repair/maintenance and completed within the required timeframe.
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
7/26/2021	0.0"-0.75" - 1 Hour	9					9		7 on 7/27/2021	2 on 7/27/2021	Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/27/2021		8					8		5 on 7/28/2021	3 on 7/28/2021	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/3/2021		1					1			1 on 8/4/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.

LANDOWNER REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
8/3/2021	The Environmental Auditor conducted a site evaluation at Old Furnace Road/MVP-GI-256.02 (GAS).	The Environmental Auditor observed locations where ESC and PCSWM measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G Environmental inspection staff and contractor regarding observations and recommendations related to proper hydraulic mulch application rates and coverage related to permanent restoration.	
8/6/2021	The Environmental Auditor conducted a site evaluation at Old Furnace Road/MVP-GI-256.02 (GAS).	The Environmental Auditor observed locations where ESC and PCSWM measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G Environmental inspection staff and contractor regarding observations and recommendations related to proper hydraulic mulch application rates and coverage related to permanent restoration.	
7/26/2021 through 8/8/2021	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPP Inspection Reports to be compliant during this reporting period for the Spread G Project.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

Report Period Ending: 8/22/2021

Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 30 conducted from 8/9/2021 through 8/22/2021											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 8/9/2021 through 8/22/2021 (Includes Carry Over Items from 8/8/2021): 289											
Total Number of ODCP Inspections at Laydown Yard 026: 5 (8/9/2021-8/10/2021 and 8/12/2021 through 8/14/2021); 7 (8/16/2021 through 8/22/2021) *An ODCP inspection was not conducted on 8/11/2021											
Total Number of VADEQ Observations from 8/9/2021 through 8/22/2021: 25											
<p>Total Number of Landowner/Third Party Complaints: 2 (1. A third party complaint was submitted to the VADEQ on August 6, 2021. The complainant, which cites incorrect County and road locations, alleges areas of "seeding of disturbed areas in the MVP right-of-way has not met minimum cover requirements". Photo documentation within the report (corresponding photos taken November 2020 and July 2021) notes "areas of the right of way that are not adequately covered with vegetation". The photo log which serves as the basis for the complaint was developed via aerial photos taken from a manned aircraft. The MVP Environmental staff continues to conduct daily inspections in addition to the required SWPPP inspections. The ESC measures throughout the right of way are repaired/maintained and enhanced as needed based on daily punch lists and the required SWPPP inspections. The Environmental Auditor reviews SWPPP Inspection Reports and Daily Punchlists which address temporary and permanent vegetative stabilization conditions throughout the right of way. The ESC measures, which include soil stabilization blanket, straw mulch and temporary seeding, throughout the evaluated areas are installed and maintained as necessary and no off right of way or resource impacts have been noted during this timeframe. The Environmental Auditor and the Spread G/MVP Environmental staff continue to communicate and recommendations are provided by the Environmental Auditor based on observations noted during the evaluations. Refer to Landowner/Third Party Complaints below.</p> <p>2. A third party complaint with corresponding photos was submitted to the VADEQ on August 20, 2021. The subject of the report is "Sediment in Doe Creek and Work off of the Right of Way". The complainant cites "workers attempting to erase and cover evidence of sediment deposits in Doe Creek". A high intensity/short duration storm event occurred overnight on 8/17/2021. The storm event produced approximately 2.4 inches in two hours. Due to the large volume of runoff generated by the storm event, the upslope ESC measures became overwhelmed resulting in off right of way impacts. Doe Creek (S-Y2) was subsequently impacted by the large volume of sediment. The VADEQ was immediately notified early morning on 8/18/2021 regarding the off right of way and resource impacts. Construction crews responded promptly and initiated clean up and repair/maintenance activities. The Environmental Coordinator conducted a site evaluation on 8/18/2021 and observed the contractor crews (laborers and heavy equipment operators) conducting repair/maintenance activities within the upland and nearby resource impact locations. The Environmental Auditor communicated with the Spread G Environmental staff and the MVP Environmental staff and provided recommendations related to install enhanced ESC measures. Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations below for further discussion).</p>											
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											
<p>Total Number of Off Right of Way Impacts: 34 (1. One emergency off right of way impacted occurred on 8/11/2021 due to heavy equipment cutting a fire line during a grass fire caused by the contractor. Based on communication with the Spread G LEI, the contractor immediately raked out and stabilized the off right of way disturbed area. 2. Four off right of way off right of way sediment impacts were observed on 8/14/2021 as a result of an overnight isolated high intensity/short duration storm event on 8/13/2021. During the inspection the EI observed the rain gauge to be damaged and no measurement was available. The ESC measures were repaired/maintained and enhanced as needed. Off right of way sediment clean up occurred and the impacted areas were stabilized. 3. Twelve off right of way impacts were observed on 8/16/2021 as a result of high intensity/short duration events that occurred late 8/15/2021. These storm events resulted in approximately 4.5 inches in 3 hours, 1.5 inches in two hours, and 0.6 inches in two hours. The ESC measures have been repaired/maintained and enhanced as needed. The off right of way sediment at 8 locations was retrieved and the areas stabilized. The remaining 4 off right of way sediment impacts received indefinite extension approvals as landowner permission has not been granted. Refer to Required Findings and Conclusions below regarding inadequate ESC measures installation observed by the Environmental Auditor on 8/17/2021. 4. Two off right of way off right of way sediment impacts were observed on 8/17/2021 as a result of overnight isolated high intensity/short duration storm events on 8/16/2021. These storm events resulted in approximately 1.55 inches in two hours and 0.5 inches in two hours. The ESC measures were repaired/maintained and enhanced as needed. Off right of way sediment clean up occurred and the impacted areas were stabilized. 5. Twelve off right of way impacts were observed on 8/18/2021 as a result of high intensity/short duration storm events that occurred late 8/17/2021. These storm events resulted in approximately 1.2, 1.55, and 2.4-inches in two hours. The ESC measures have been repaired/maintained and enhanced as needed with additional controls installed to allow flow across the open pipeline trench. The off right of way sediment at 12 locations was retrieved and the areas stabilized. 6. One off right of way off right of way sediment impact was observed on 8/19/2021 as a result of the contractor conducting sump clean out activities from the 8/17/2021 storm event. Saturated material removed from the sump migrated approximately 20 feet off right of way within an upland area. Off right of way sediment clean up occurred and the impacted off right of way area was stabilized. Follow up communication occurred between the Spread G Environmental Inspection and construction staff on conducting proper maintenance activities to avoid off right of way impacts. 7. One off right of way sediment impact was observed on 8/21/2021 as a result of an isolated high intensity/short duration storm event that occurred overnight on 8/20/2021. The storm event produced approximately 0.7 inches in one hour. The ESC measures were repaired/maintained and enhanced, off right of way sediment clean up occurred and the impacted area was stabilized. 8. One off right of way sediment impact was observed on 8/22/2021 as a result of an isolated high intensity/short duration storm event that occurred overnight on 8/21/2021. The ESC measures were repaired/maintained and enhanced, off right of way sediment clean up occurred and the impacted area was stabilized. A voluntary temporary suspension of construction activities related to forward progress was implemented by MVP on 8/16/2021 for the entire Spread G Project. During this timeframe construction crews focused on addressing ESC measures impacted by the storm events. Prior to resuming forward progress covered by the temporary suspension of work the Spread G Construction Management staff is required to submit an authorization request to MVP for review and approval and a DEQ follow up inspection. Additional ESC enhancements and BMP measures related to open trench construction were developed by MVP. The Environmental Auditor will continue to evaluate the impacted areas the week of 8/23/2021 and provide additional recommendations as needed. Refer to Environmental Inspector Observations, VADEQ Observations, and Environmental Auditor Field Observations below for further discussion).</p>											
<p>Total Number of Environmental Resource Impacts: *6 (1. On 8/16/2021 S-MN21 and S-MN22 were observed to be impacted from upslope off right of way impacts due to high intensity/short duration storm event late 8/15/2021. This storm event produced approximately 1.5 inches in 2-3 hours. The sediment was removed from S-MN22 and an indefinite extension was approved for S-MN21 as landowner permission has not been granted. Refer to Required Findings and Conclusions below regarding inadequate ESC measures installation observed by the Environmental Auditor on 8/17/2021. 2. On 8/18/2021, S-IJ16b, S-Y2,and S-A32 were observed to be impacted from high intensity/short duration storm events which occurred overnight on 8/17/2021. These storm events produced very heavy rainfall resulting in approximately 1.55 inches in 2 hours (S-IJ16b) and 2.4 inches in 2 hours (S-Y2 and S-A32). The sediment was cleaned up at S-IJ16b and S-A32. A long term extension was approved for ongoing clean up at S-Y2 which entails multiple laborers and vacuum trucks being utilized. 3. *A potential off right of way impact was observed at S-A33 on 8/22/2021 due to an overnight isolated high intensity/short duration storm event on 8/21/2021. *S-A33 is under review by the VADEQ to determine if a sediment impact has occurred within this environmental resource. Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations below for further discussion).</p>											
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 8/9/2021 through 8/22/2021.											
CARRY OVER ITEMS FROM 8/8/2021											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
8/9/2021		5					5		1 on 8/9/2021 2 on 8/10/2021	1 on 8/10/2021 1 on 8/11/2021	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/10/2021		8					8		7 on 8/11/2021	1 on 8/11/2021	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/11/2021		3		*1 (*Not reported as punchlist item)			3		3 on 8/12/2021		Three items were identified requiring ESC repair/maintenance and completed within the required timeframe. *Grinding activities ignited a grass fire outside the right of way. As part of the efforts to contain the fire, the contractor utilized heavy equipment to cut a small fire line outside the right of way. The impacted area was approximately 90 feet in length extending to approximately 15 feet outwards from the edge of the right of way. No punchlist item(s) were submitted for this issue. Based on communication with the Spread G LEI the Environmental Auditor was informed that the off right of way disturbance was raked and stabilized. An Agency Compliance Form (Problem Area Report #646) was submitted by the EI on 8/11/2021. The Environmental Auditor will conduct a follow up inspection the week of 8/23/2021.
8/12/2021	0.0"-0.2" - 1 Hour	2					2		2 on 8/13/2021		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.

8/13/2021	0.0"-1.3" - 2 Hours *Isolated high intensity/short duration storm events	2					2		1 on 8/13/2021	1 on 8/13/2021	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/14/2021	Rainfall Data Unavailable (Rain Gauge Reported as Damaged) *Isolated high intensity/short duration storm event	8		4			4		8 on 8/14/2021		Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe. Four of the identified items were identified as off right of way sediment impacts approximately 5, 20, 50, and 15 feet off right of way within upland areas. A high intensity/short duration rainfall event caused sediment controls to become overwhelmed. During the inspection the EI observed the rain gauge to be damaged. The impacted ESC measures were repaired/maintained and enhanced. Off right of way sediment clean up occurred and the impacted areas were stabilized. An Agency Compliance Form (Problem Area Report #649) was submitted by the EI on 8/14/2021. No resources were impacted.
8/16/2021	8/15/2021 - 0.3"-4.5" - 4 Hours 8/16/2021 - 0.1"-0.7" - 2 Hours *High intensity/short duration storm events	74	2	12			60		14 on 8/17/2021 12 Off Right of Way and 2 Resource Impacts (4 off right of way and 1 resource impact extended indefinitely due to restricted access) 56 on 8/17/2021	3 on 8/17/2021 1 on 8/19/2021	*Seventy-four items were identified requiring repair/maintenance and completed within the required timeframe. Twelve of the identified items were identified as off right of way sediment impacts approximately 30, 45, 25, 50, 20, 5, 100, 15, 25, 15, 12, and 100 feet off right of way within upland areas. The off right of way impact which traveled approximately 50 feet resulted in an environmental resource impact at S-MN21. The sediment overwhelmed the sediment control measures due to end sumps not properly installed and discharging onto the right of way resulting in sediment depositing within the stream. The off right of way impact which traveled approximately 5 feet resulted in an environmental resource impact at S-MN22. The sediment traveled into the buffer area, overwhelmed the sediment control measures and eventually caused minor deposition within the stream. High intensity/short duration rainfall events caused ESC measures to become overwhelmed. The impacted ESC measures were repaired/maintained. Off right of way sediment clean up occurred and the impacted off right of way areas were stabilized at four of the identified locations (8 off right of way and one at S-MN22). Agency Compliance Forms (Problem Area Reports #650, #651, #652 and #653) were submitted by the EIs on 8/16/2021. The Environmental Auditor evaluated portions of the right of way on 8/17/2021, communicated with the Spread G and MVP Environmental staff, and provided recommendations that included proper installation of ESC measures and installing enhanced ESC measures. *Four of the 12 off right of way received indefinite extension approvals due to restricted access as landowner permission has not been granted. *One of the two resource impacts received indefinite extension approvals (S-MN21) due to restricted access as landowner permission has not been granted.
8/17/2021	1.2"-2.4" - 2 Hours *High intensity/short duration storm events late evening (Remnants of Tropical Storm Fred)	6		2			4	1 on 8/19/2021 (Indefinite ext. Request until landowner permission granted)	1 on 8/17/2021 2 on 8/18/2021 1 on 8/19/2021 (Ext. Request)	1 on 8/18/2021 1 on 8/19/2021	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were identified as off right of way sediment impacts approximately one foot and 50 feet off right of way within upland areas. A high intensity/short duration rainfall event caused sediment controls to become overwhelmed. The impacted ESC measures were repaired/maintained, off right of way sediment clean up occurred, and the impacted off right of way areas were stabilized. One of the locations received an Indefinite extension request approval and was eventually completed upon landowner permission. An Agency Compliance Form (Problem Area Report #655) was submitted by the EI on 8/17/2021. No resources were impacted. The Environmental Auditor evaluated portions of the right of way, communicated with the Spread G and MVP Environmental staff, and provided recommendations that included the installation of enhanced ESC measures.
8/18/2021		103	3	12			88	1 on 8/18/2021 (Long term extension due to ongoing clean up activities at S-Y2)	68 on 8/19/2021	30 on 8/19/2021 3 on 8/20/2021 1 on 8/21/2021	One Hundred-three items were identified requiring repair/maintenance and 102 were completed within the required timeframe. Twelve of the identified items were identified as off right of way sediment impacts approximately 1, 1, 15, 15, 2, 6, 6, 4, 4, 15, 500 and 800 off right of way within upland areas. The off right of way impact which traveled approximately 500 feet resulted in an environmental resource impact at S-Y2. The heavy sediment-laden runoff overwhelmed the open pipeline trench and subsequently the downslope sediment control measures (waterbars/end sumps and perimeter sediment control measures) subsequently impacting S-Y2. The impacted ESC measures were repaired/maintained and enhanced. Off right of way sediment clean up occurred and the impacted upslope off right of way areas were stabilized. Due to the magnitude of the impact at S-Y2, clean has been ongoing since 8/18/2021 which includes the use of laborers and vacuum trucks. The off right of way impact which traveled approximately 800 feet resulted in an environmental resource impact at S-A32. The heavy sediment-laden runoff overwhelmed the open pipeline trench and subsequently the downslope sediment control measures (waterbars/end sumps and perimeter sediment control measures) then impacting Kow Camp Road and S-A32. The impacted ESC measures were repaired/maintained and enhanced. Off right of way sediment clean up occurred and the off right of way areas were stabilized (includes cleanup at S-A32). The off right of way impact at S-IJ16b was due to the temporary bridge side rails becoming overwhelmed with sediment impacting approximately 125 feet of this resource. The upslope and temporary bridge crossing ESC measures were repaired/maintained and enhanced. Off right of way sediment clean up occurred at this resource. High intensity/short duration rainfall events caused the ESC measures to become overwhelmed. The impacted ESC measures were repaired/maintained and enhanced. Off right of way sediment clean up occurred and the impacted off right of way areas were stabilized at fourteen of the identified locations (12 upland areas and two at S-IJ16b and S-A32). Due to the magnitude of the impact at S-Y2, clean has been ongoing since 8/18/2021 which includes the use of laborers and vacuum trucks. Agency Compliance Forms (Problem Area Reports #658, #661, #663, #664 and #667) were submitted by the EIs on 8/18/2021. The Environmental Auditor evaluated the Doe Creek and Kow Camp portions of the right of way, communicated with the Spread G and MVP Environmental staff, and provided recommendations that included the installation of enhanced ESC/open trench measures. The remaining item (S-Y2) was granted a long term extension for the ongoing clean up efforts and landowner permission.

8/19/2021	0.0"-0.5" - 1 Hour	6		1			5		6 on 8/20/2021		Six items were identified requiring ESC 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. This occurred while the contractor was conducting sump clean out activities and saturated material removed from the sump migrated off right of way. Off right of way sediment clean up occurred and the impacted off right of way area was stabilized. An Agency Compliance Form (Problem Area Report #665) was submitted on 8/19/2021. The Contractor Environmental Coordinator was notified by the Spread G Environmental Inspection staff and a discussion occurred on proper sump maintenance.
8/20/2021	0.0"-0.7" - 1 Hour	34					34		20 on 8/21/2021	13 on 8/21/2021	Thirty-four items were identified requiring ESC repair/maintenance and 33 were completed within the required timeframe. The one remaining item has three days to be completed.
8/21/2021	0.0"-2.5" - 0.5 Hours *Isolated high intensity/short duration storm events late evening	6		1			5		5 on 8/21/2021		Six items were identified requiring ESC repair/maintenance and 5 were completed within the required timeframe. One of the identified items was identified as an off right of way sediment impact approximately 10 feet off right within an upland area. A high intensity/short duration rainfall event caused sediment controls to become overwhelmed. The impacted ESC measures were repaired/maintained and enhanced. Off right of way sediment clean up occurred and the impacted area stabilized. The one remaining item has three days to be completed.
8/22/2021		32	*1 (*Under review by DEQ to verify if impact occurred to S-A33)	1			30				Thirty-two items were identified requiring ESC repair/maintenance. Based on communication with the Spread G LEI, one of the identified items was identified as an off right of way sediment impact approximately 3 feet off right of way within an upland area which included a portion of the upper stream bank to S-A33. A high intensity/short duration rainfall event caused sediment controls to become overwhelmed. Off right of way sediment clean up occurred and the impacted off right of way area was stabilized. This impact is under review by DEQ to determine if S-A33 has been impacted as a result of this off right of way impact. An Agency Compliance Form (Problem Area Report #678) was submitted on 8/22/2021. Twenty-three items have 24 Hours to be completed. Nine items have three days to be completed.
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
8/9/2021		1					1			1 on 8/9/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
8/16/2021	8/15/2021 - 0.3"-4.5" - 4 Hours 8/16/2021 - 0.1"-0.7" - 2 Hours *High intensity/short duration storm events	3					3		2 on 8/17/2021	1 on 8/17/2021	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/17/2021	1.2"-2.4" - 2 Hours *High intensity/short duration storm events late evening	2		*1 (*Redundant item per Environmental Inspector Observation reported above on 8/17/2021)			1	1 on 8/17/2021 (Extended indefinitely until landowner permission is granted *Redundant item per Environmental Inspector Observation reported above on 8/17/2021	1 on 8/18/2021 1 on 8/19/2021		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. The off right of way sediment impact was also observed by the Spread G EI and noted in the Environmental Inspector Observations on 8/17/2021. An indefinite extension was approved and landowner permission has been granted. No resources were impacted.
8/18/2021		13	*2 (Redundant items per Environmental Inspector Observations reported above on 8/18/2021)	*3 (*Redundant items per Environmental Inspector Observations reported above on 8/18/2021)			8	1 on 8/18/2021 (Long term extension) *Redundant item per Environmental Inspector Observation reported above on 8/18/2021	12 on 8/19/2021 (*8 items are redundant items per Environmental Inspector Observation reported above on 8/18/2021)		Thirteen items were identified requiring ESC repair/maintenance and 12 were completed within the required timeframe. The off right of way sediment and environmental resource impacts were also observed by the Spread G EIs and noted in the Environmental Inspector Observations on 8/18/2021. The remaining item received a long extension for ongoing clean up activities at S-Y2.
8/19/2021	0.0"-0.5" - 1 Hour	6		*1 (*Redundant item per Environmental Inspector Observation reported above on 8/19/2021)			*5 (*One item is a redundant item per Environmental Inspector Observation reported above on 8/19/2021)		6 on 8/20/2021		Six items were identified requiring ESC repair/maintenance and completed within the required timeframe. The off right of way sediment impact was also observed by the Spread G EI and noted in the Environmental Inspector Observations on 8/19/2021. No resources were impacted.

LANDOWNER REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
Report dated August 6, 2021 Photo Log November 2021 and July 2021	Craig Creek Road (MP 219.5) to Mt. Tabor Road (MP 223.1)	10 Observations (July Photo Log)	A third party complaint was submitted to the VADEQ on August 6, 2021. The introduction of the report cites that the "report includes photos from Franklin County, VA starting near Wirtz south of Route 220". However, the photos and noted Mileposts were actually in Montgomery County. The report alleges areas of "seeding of disturbed areas in the MVP right-of-way has not met minimum cover requirements". Photo documentation within the report (corresponding photos taken November 2020 and July 2021) notes "areas of the right of way that are not adequately covered with vegetation". The photo log which serves as the basis for the report was developed via aerial photos taken from a manned aircraft. The Spread G Environmental staff continues to conduct inspections in addition to the required SWPPP inspections which include observations caused by third party impacts. The ESC measures throughout the right of way are repaired/maintained and enhanced as needed based on daily punch lists and the required SWPPP inspections. The Environmental Auditor reviews SWPPP Inspection Reports and Daily Punchlists which address temporary and permanent vegetative stabilization conditions throughout the right of way. The ESC measures, which include soil stabilization blanket, straw mulch and temporary seeding, throughout the evaluated areas are installed and maintained as necessary and no off right of way or resource impacts have been noted during this timeframe. The Environmental Auditor and the Spread G/MVP Environmental staff continue to communicate and recommendations are provided by the Environmental Auditor based on observations noted during the evaluations.
8/20/2021	Doe Creek Road (CIS)	1	A third party complaint with corresponding photos was submitted to the VADEQ on August 20, 2021. The subject of the report is "Sediment in Doe Creek and Work off of the Right of Way". The complainant cites "workers attempting to erase and cover evidence of sediment deposits in Doe Creek". A high intensity/short duration storm event occurred overnight on 8/17/2021. The storm event produced approximately 2.4 inches in two hours. Due to the large volume of runoff generated by the storm event, the upslope ESC measures became overwhelmed resulting in off right of way impacts. Doe Creek (S-Y2) was subsequently impacted by the large volume of stormwater runoff and sediment. The VADEQ was notified immediately upon discovery early morning on 8/18/2021 regarding the off right of way and resource impacts. Construction crews responded promptly and initiated clean up and repair/maintenance activities. The Environmental Auditor conducted a site evaluation on 8/18/2021 and observed the contractor crews (laborers and heavy equipment operators) conducting repair/maintenance activities within the upland areas and nearby environmental resource impact locations. The Environmental Auditor communicated with the Spread G Environmental staff and the MVP Environmental staff and provided recommendations related to installing enhanced ESC measures.
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
8/11/2021	The Environmental Auditor conducted site evaluations at Old Furnace Road/MVP-GI-256.02 (GAS), Winding Way Drive (CIS), and MVP-CR-258.02 (GAS).	The Environmental Auditor observed locations where ESC, PCSWM, and site restoration measures were installed and functional at the time of the evaluation.	
8/17/2021	The Environmental Auditor conducted a site evaluation at Mt. Tabor Road/MVP-MLV-26 (CIS).	The Environmental Auditor evaluated locations where off right of way sediment and resource impacts occurred as a result of high intensity/short duration storm events. The Environmental Auditor observed locations where ESC measures were repaired/maintained/enhanced and clean up/stabilization efforts at off right of way areas and an impacted resource location (S-MN22). The Environmental Auditor observed locations where ESC measures require proper installation per the required ESC plans. The Environmental Auditor communicated with the Spread G Environmental Inspection staff, Chief EI and MVP Environmental staff regarding observations and recommendations related to proper ESC measures installation and installing enhanced ESC measures.	
8/18/2021	The Environmental Auditor conducted site evaluations at Doe Creek Road (CIS) and Kow Camp Road (CIS/GAS).	The Environmental Auditor evaluated locations where off right of way sediment and resource impacts occurred as a result of high intensity/short duration storm events. The Environmental Auditor observed locations where ESC measures being repaired/maintained and clean up efforts occurring off right of way and at two impacted resources. The Environmental Auditor communicated with the Spread G Environmental Inspection staff, Chief EI and MVP Environmental staff regarding observations and recommendations related to installing enhanced ESC measures that includes open pipeline trench locations. The Environmental Auditor assisted the MVP Environmental staff with the development of an additional open trench detail and construction protocol.	
8/9/2021 through 8/22/2021	The Environmental Auditor reviewed and noted the daily MVP Punchlists and SWPPP Inspection Reports to be compliant during this reporting period for the Spread G Project. The Environmental Auditor noted that an ODCP inspection was not conducted on 8/11/2021 and confirmed that this inspection was missed.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity. The Environmental Auditor recommends that ODCP inspections are conducted each day active construction is occurring.	
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?	No	Mount Tabor Road/MVP-MLV-26 (CIS) approximate stations 11686+80-11687+30 and 11709+50-11717+00: The Environmental Auditor conducted a site evaluation on 8/17/2021 following isolated storm events with high intensity/short duration rainfall which resulted in off right of way and resource impacts. The Environmental Auditor observed two the waterbar end sumps not properly installed above the final waterbar end sump at approximate station 11686+80. The end sumps were not constructed to discharge off of the right of way and discharged onto the right of way causing the final end sump to become overwhelmed and subsequently caused an off right of way/resource impact at approximate station 11687+30 (S-MN21). The Environmental Auditor observed four locations where off right of way impacts occurred and waterbars exceeding the required 2-5% maximum grading from approximate stations 11709+50-11717+00. The Environmental Auditor recommends properly installing the ESC measures per the required ESC plans.	
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: 9/5/2021
Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 27 conducted from 8/23/2021 through 9/5/2021 (includes LY-026); Refer to Environmental Auditor Field Observations and Recommendations below regarding recommendations for the Spread G Environmental Inspection staff to conduct QC reviews on all reports prior to submittal.											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 8/23/2021 through 9/5/2021 (Includes Carry Over Items from 8/22/2021): 245											
Total Number of ODCP Inspections at Laydown Yard 026: 7 (8/23/2021-8/28/2021); 6 (8/30/2021 through 9/4/2021): A minor spill was identified near the primary containment on 8/28/2021. The ODCP inspector notified the onsite staff on 8/28/2021 and verified that the spill was addressed during the 8/29/2021 follow up inspection.											
Total Number of VADEQ Observations from 8/23/2021 through 9/5/2021: 15 (3 items were also observed by the Spread G Environmental Inspection staff on 8/23/2021 and 9/2/2021, respectively).											
Total Number of Landowner/Third Party Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 1 (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: 11 (1 . The three impacted areas identified on 8/30/2021 experienced a high intensity/short duration rainfall event. This storm event resulted in approximately 1.3 inches in 2 hours. The ESC measures were repaired/maintained and enhanced, off right of way sediment was cleaned up, and the impacted areas stabilized. No resources were impacted. 2 . The 8 impacted areas identified on 9/2/2021 experienced high intensity/short duration rainfall events due to the remnants of Hurricane Ida. This storm event resulted in approximately 2.35-2.9 inches within 6 hours. An Agency Compliance Form (Non-Compliance Form #682) was submitted by the Spread G Environmental Inspection staff on 9/2/2021 for one off right of way impact. Based on the report, the contractor did not replace ESC measures at the end of the work day on 8/31/2021 which resulted in an off right of way sediment impact. The ESC measures were repaired/maintained and enhanced at all 8 locations. The off right of way sediment was cleaned up and the impacted areas stabilized at 6 locations. Two remaining off right of way sediment impacts will be addressed once landowner permission has been granted. No resources were impacted. The Environmental Auditor will evaluate the impacted areas and provide additional recommendations as needed. Refer to Environmental Inspector Observations, Environmental Auditor Field Observations and Recommendations, and Required Findings and Conclusions 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 8/23/2021 through 9/5/2021											
CARRY OVER ITEMS FROM 8/22/2021											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
8/18/2021	1.2"-2.4" - 2 Hours *High intensity/short duration storm events (Remnants of Tropical Storm Fred) late evening on 8/17/2021	1	1 (S-Y2)					1 on 8/18/2021 (Long term extension due to the extent of cleanup and awaiting landowners permission)			Approximately 3,500 feet of sediment has been cleaned up via laborers and vacuum trucks at S-Y2 . A long term extension has been approved by the VADEQ until landowner permission is granted to assess and retrieve further downstream sediment. A Declaration of Force Majeure was submitted to the VADEQ on August 26, 2021 due to the magnitude of the storm event.
8/20/2021	0.0"-0.7" - 1 Hour	1					1			1 on 8/22/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe. via an extension request approval.
8/21/2021	0.0"-2.5" - 0.5 Hours *Isolated high intensity/short duration storm events late evening	1					1			1 on 8/23/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe via an extension request approval.
8/22/2021		32	*1 (Pending DEQ Review)	1			31		23 on 8/23/2021 (No impact to S-A33 per VADEQ review)	9 on 8/23/2021	Thirty-two items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the items was an off right of way sediment impact. The ESC measures were repaired/maintained, the off right of way sediment cleaned up and the impacted area to the stream bank was stabilized. The item identified as a potential environmental resource impact (S-A33) by the EI was reviewed by the VADEQ on 8/23/2021 and determined that no impact occurred to S-A33.
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
8/23/2021		65					65		45 on 8/24/2021	18 on 8/24/2021 2 on 8/25/2021	Sixty-five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/24/2021		18					18		2 on 8/24/2021 9 on 8/25/2021	6 on 8/25/2021 1 on 8/26/2021	Eighteen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/26/2021	0.0"-0.2" - 1 Hour	9					9		6 on 8/27/2021	2 on 8/27/2021 1 on 8/28/2021	Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/27/2021		2				1	1		1 on 8/27/2021 1 on 8/28/2021		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to livestock traffic.
8/30/2021	0.1"-1.3" - 2 Hours *Isolated high intensity/short duration storm events occurred on 8/29/2021	25		3			22		1 on 8/30/2021 4 on 8/31/2021	20 on 8/31/2021	Twenty-five items were identified requiring repair/maintenance and completed within the required timeframe. Three of the identified items were identified as off right of way sediment impacts approximately 10, 2, and 2 feet off right of way within upland areas. A high intensity/short duration rainfall event caused sediment controls to become overwhelmed. The impacted ESC measures were repaired/maintained and enhanced. Off right of way sediment clean up occurred and the impacted off right of way areas were stabilized. An Agency Compliance Form (Problem Area Report #679) was submitted by the EI on 8/30/2021. No resources were impacted.
9/2/2021	8/31/2021 0.7"-2.5" - 4 Hours (*Heavy rainfall due to remnants of Hurricane Ida) 9/1/2021 0.15"-1.15" - 2 Hours (*Continued rainfall from remnants of Hurricane Ida)	85		8			77		43 on 9/3/2021 (*5 items were off right of way impacts) 1 on 9/4/2021 (*Off right of way impact)	39 on 9/3/2021	Eighty-five items were identified requiring repair/maintenance and completed within the required timeframe. Eight of the identified items were identified as off right of way sediment impacts approximately 40, 35, 80, 6, 15, 10, 5 and 5 feet off right of way within upland areas. A high intensity/short duration rainfall event caused sediment controls to become overwhelmed. Agency Compliance Forms (Problem Area Reports #680, #681, and #683) were submitted by the EI on 9/2/2021. One of the identified off right of way items (15 feet) was caused by the contractor not reinstalling ESC measures (compost filter sock waterbars) at the end of the work day on 8/31/2021. An Agency Compliance Form (Non Compliance Report #682) was submitted by the EI on 9/2/2021. The impacted ESC measures were repaired/maintained and enhanced. Off right of way sediment clean up occurred and the impacted off right of way areas were stabilized at 6 of the identified locations. No resources were impacted. Two off right of way impact locations are awaiting landowner permission. The ESC measures at these locations have been repaired/maintained and enhanced.
9/3/2021		6					6		2 on 9/4/2021	4 on 9/4/2021	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.

VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
8/23/2021		8					8		8 on 8/24/2021		Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/2/2021	8/31/2021 0.7"-2.5" - 4 Hours (*Heavy rainfall due to remnants of Hurricane Ida) 9/1/2021 0.15"-1.15" - 2 Hours (*Continued rainfall from remnants of Hurricane Ida)	*2					*2 (*2 items are redundant as they are reported in Environmental Inspector Observations reported above on 9/2/2021)			2 on 9/3/2021	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. These two items were also observed by the Spread G EI and noted in the Environmental Inspector Observations on 9/2/2021.
9/3/2021		5					5		4 on 9/4/2021	1 on 9/4/2021	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
LANDOWNER REPORTED COMPLAINTS											
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE						TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS						CONCLUSION AND RECOMMENDATIONS				
8/26/2021	The Environmental Auditor conducted site evaluations at Doe Creek Road (CIS), Kow Camp Road#2 (GAS), Kow Camp Road #1 (CIS/GAS), and Old Furnace Road/MVP-GI-256.02 (GAS).						The Environmental Auditor observed locations where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor evaluated the location construction efforts caused an off right of way impact to contain a grass fire on 8/11/2021. The Environmental Auditor observed the off right of way area to be stabilized and temporary perimeter sediment control measures reinstalled. The Environmental Auditor communicated with the Spread G LEI and MVP Environmental staff regarding observations and recommendations related to proper ESC measures installation, repair/maintenance and installing enhanced ESC measures.				
9/1/2021	The Environmental Auditor conducted site evaluations at MVP-241.01(CIS/GAS), MVP-241.04(CIS/GAS), Kow Camp Road#2 (CIS/GAS), Kow Camp Road #1 (CIS/GAS), Doe Creek Road (CIS/GAS), MVP-GI-245.01, and Mt. Tabor Road/MVP-MLV-AR-26 (GAS).						The Environmental Auditor observed locations where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI and MVP Environmental staff regarding observations and recommendations related to proper ESC measures installation, repair/maintenance and installing enhanced ESC measures.				
8/23/2021 through 9/5/2021	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPP Inspection Reports to be compliant during this reporting period for the Spread G Project. However, a non-compliance event occurred during this reporting period. Prior to a heavy rainfall event (remnants of Hurricane Ida on 8/31/2021 and 9/1/2021) the contractor did not replace ESC measures (compost filter sock waterbars) at the end of the work day on 8/31/2021. During the storm event runoff traveled downslope through the right of way causing erosion, the sediment control measures became overwhelmed, and sediment discharged approximately 15 feet off right of way. An Agency Compliance Form (Non-Compliance Report #682) was submitted by the Spread G Environmental Inspection staff on 9/2/2021. The ESC measures were installed and repaired/maintained, and upon landowner permission the off right of way sediment was retrieved and the impacted area stabilized. No resources were impacted.						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, Agency Compliance Reports and communication with the Spread G Environmental Inspection staff, the Environmental Auditor recommends the following to maintain compliance with the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity: Continued daily communication between the MVP Environmental Inspection staff and the Contractor to ensure that ESC measures are installed/ properly installed prior to a precipitation event and at the end of the work day and additional communication/oversight between the MVP Environmental, Construction Management and Contractor staff to ensure all ESC measures are properly installed at the end of each work day. The Environmental Auditor communicated with the MVP Environmental staff related to conducting QC reviews related to SWPPP Inspection and ODCP Reports to ensure thoroughness prior to submitting the reports.				
REQUIRED FINDINGS AND CONCLUSIONS											
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).									
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes										
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	No	Punch list items were submitted on 9/2/2021 due to an off right of way sediment impact caused by the contractor not replacing ESC measures at the end of the work day on 8/31/2021. A storm event (remnants of Hurricane Ida) with intervals of high intensity/short duration rainfall occurred late on 8/31/2021 through 9/1/2021. During the storm event runoff traveled downslope through the right of way causing erosion, the sediment control measures became overwhelmed, and sediment discharged approximately 15 feet off right of way. An Agency Compliance Form (Non-Compliance Report #682) was submitted by the Spread G Environmental Inspection staff on 9/2/2021. The ESC measures were installed and repaired/maintained, and upon landowner permission the off right of way sediment was retrieved and the impacted area stabilized. No resources were impacted. The Environmental Auditor recommends continued communication with the entire contractor construction and environmental staff and to verify that all ESC measures are properly installed and functional prior to construction grading activities commencing forward construction progress.									
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: 9/19/2021
Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 29 conducted from 9/6/2021 through 9/19/2021 (includes LY-026)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 9/6/2021 through 9/19/2021 (Includes Carry Over Items from 9/5/2021): 182											
Total Number of ODCP Inspections at Laydown Yard 026: 5 (9/7/2021-9/11/2021); 6 (9/13/2021 through 9/18/2021): Labor Day Holiday on 9/6/2021											
Total Number of VADEQ Observations from 9/6/2021 through 9/19/2021: 4 (One item was initially observed by the Spread G Environmental Inspection staff on 9/8/2021).											
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: 2 (1 . The off right of way impact identified on 9/9/2021 experienced a rainfall event which resulted in approximately 0.3 inches in 2 hours. The ESC measures were repaired/maintained and enhanced, off right of way sediment was cleaned up, and the impacted area stabilized. No resources were impacted. 2 . An off right of way disturbance occurred on 9/18/2021 during access road restoration activities. During access road restoration activities the contractor conducted work approximately 30 feet outside the limits of disturbance in various areas via log stacking activities and installation of ESC measures. This incident was not included as an item in the daily punchlist. An Agency Compliance Form (NCR Report #685) was completed and submitted by the Spread G Environmental Inspection staff. Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations 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 9/6/2021 through 9/19/2021											
CARRY OVER ITEMS FROM 9/5/2021											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
8/18/2021	1.2"-2.4" - 2 Hours *High intensity/short duration storm events (Remnants of Tropical Storm Fred) late evening on 8/17/2021	1	1 (S-Y2)					1 (One long term extension awaiting landowner(s) permission)	1 on 9/16/2021 (Restricted Access for remaining areas of S-Y2)		Per communication with the Spread G LEI, approximately 3,500 feet of sediment has been cleaned up via vacuum trucks at S-Y2. Landowner permission has not been received to access and assess downstream locations due to restricted access.
9/2/2021	1.1"-3.1" - 6 Hours *High intensity/short duration storm events (Remnants of Hurricane Ida) occurred on 8/31/2021-9/1/2021	2		2				2 (Awaiting landowner permission)	2 on 9/4/2021 (Indefinite Ext./Restricted Access)		Two items were identified in the Bi-Weekly Report ending 9/5/2021 as off right of way impacts. The ESC measures at these location have been repaired/maintained and enhanced. Per communication with the Spread G LEI on 9/24/2021, these items were granted indefinite extensions by the VADEQ. Landowner permission has not been granted to retrieve off right of way sediment and conduct stabilization due to restricted access. No resources were impacted.
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
9/6/2021	0.0"-0.1" - 2 Hours	7					7		3 on 9/7/2021	4 on 9/7/2021	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/7/2021		23					23		14 on 9/8/2021	4 on 9/8/2021 3 on 9/9/2021 2 on 9/10/2021	Twenty-three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/8/2021	0.05"-0.5" - 2 Hours	16					16		10 on 9/9/2021	5 on 9/9/2021 1 on 9/11/2021	Sixteen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/9/2021		22		1			21		16 on 9/10/2021 (1 item was off right of way impact)	6 on 9/10/2021	Twenty-two items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was an off right of way sediment impact which traveled approximately 25 feet within an upland area. The ESC measures were repaired/maintained and enhanced. The off right of way sediment was cleaned up and the impacted area stabilized. No resources were impacted.
9/10/2021		27					27		14 on 9/11/2021	5 on 9/11/2021 8 on 9/13/2021	Twenty-seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/11/2021		7					7		4 on 9/12/2021	1 on 9/12/2021 2 on 9/13/2021	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/12/2021		7					7		2 on 9/13/2021	4 on 9/13/2021 1 on 9/14/2021	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/13/2021		21					21		5 on 9/14/2021	16 on 9/14/2021	Twenty-one items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/14/2021		13					13		9 on 9/15/2021	2 on 9/15/2021 2 on 9/16/2021	Thirteen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/15/2021	0.0"-0.9" - 1 Hour	18					18		6 on 9/16/2021	3 on 9/16/2021 9 on 9/17/2021	Eighteen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/16/2021		9					9		5 on 9/17/2021	3 on 9/17/2021 1 on 9/18/2021	Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/17/2021		9					9		5 on 9/18/2021	4 on 9/18/2021	Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe.

VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
9/7/2021		1					1			1 on 9/8/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
9/8/2021	0.05"-0.5" - 2 Hours	*2					*2 (*1 item is redundant as it is reported in Environmental Inspector Observations on 9/8/2021)		2 on 9/9/2021		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the items was also observed by the Spread G EI and noted in the Environmental Inspector Observations on 9/8/2021.
9/14/2021		1					1			1 on 9/15/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
LANDOWNER REPORTED COMPLAINTS											
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE						TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS							CONCLUSION AND RECOMMENDATIONS			
9/9/2021	The Environmental Auditor conducted a site evaluation at MVP-GI-245.01 (CIS).							The Environmental Auditor observed locations where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI and MVP Environmental staff regarding observations and recommendations related to proper ESC measures installation, repair/maintenance, and installing enhanced ESC measures.			
9/10/2021	The Environmental Auditor conducted a site evaluation at Mt. Tabor Road (CIS)/MVP-MLV-26.							The Environmental Auditor observed locations where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI and MVP Environmental staff regarding observations and recommendations related to proper ESC measures installation, repair/maintenance, and installing enhanced ESC measures.			
9/15/2021	The Environmental Auditor conducted site evaluations at Doe Creek Road (GAS), Hendrickson Road (CIS), and MVP-CR-258.02 (GAS).							The Environmental Auditor observed locations where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI regarding observations and recommendations related to ESC measures repair/maintenance.			
9/6/2021 through 9/19/2021	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC Reports and SWPPP Inspection Reports to be compliant during this reporting period for the Spread G Project. However, an off right of way disturbance occurred on 9/18/2021 during access road restoration activities. During access road restoration activities the contractor worked approximately 30 feet outside the limits of disturbance in various areas via log stacking activities and installation of ESC measures. An Agency Compliance Form (NCR Report #685) was completed and submitted by the Spread G Environmental Inspection staff. This incident does not have a punchlist item.							The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring and installing enhanced ESC measures as needed. Based on the SWPPP, MVP Punchlist findings and communication with the Spread G Inspection staff, in order to maintain compliance with 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 continues to recommend daily communication between the Spread G Environmental Inspection staff, MVP Environmental staff and the contractor to ensure that all activities remain within the permitted right of way.			
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: 9/30/2021
Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 26 conducted from 9/20/2021 through 9/30/2021 (includes LY-026)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 9/20/2021 through 9/30/2021 (Includes Carry Over Items from 9/19/2021): 298											
Total Number of ODCP Inspections at Laydown Yard 026: 6 (9/20/2021-9/25/2021); 4 (9/27/2021 through 9/30/2021)											
Total Number of VADEQ Observations from 9/20/2021 through 9/30/2021: 0											
Total Number of Landowner/Third Party Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 9 (wildlife traffic and livestock traffic)											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damage to ESC measures caused by fallen debris): 0											
Total Number of Off Right of Way Impacts: 16 (The impacted areas identified on 9/22/2021 experienced a prolonged rainfall event with periods of high intensity/short duration rainfall. The rainfall event resulted in approximately 3.5 inches at two locations in 5 hours and 5.5 inches at the remaining 14 locations in 5 hours. The ESC measures were repaired/maintained and enhanced, off right of way sediment cleaned up, and the impacted off right of way areas stabilized. Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations for further discussion).											
Total Number of Environmental Resource Impacts: 2 (1 . On 9/22/2021 S-NN14 was observed to be impacted via access road gravel washout due to a storm event producing intervals of high intensity/short duration rainfall which began on 9/21/2021. This storm event produced approximately 5.5 inches in 5 hours. The gravel was removed from the stream and upland location between the stream and access road. Enhanced sediment control measures were installed along the access road. 2 . On 9/22/2021 an environmental resource impact occurred at S-RR13 when flood waters partially dislodged a temporary bridge. The bridge, which remained within the right of way, impacted the streambank during the flooding. The streambank was repaired and stabilized and the bridge crossing repaired. A Declaration of Force Majeure was submitted to the VADEQ on September 27, 2021 for S-NN14 and S-RR13 due to the magnitude of the storm event. Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations 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 9/20/2021 through 9/30/2021											
CARRY OVER ITEMS FROM 9/19/2021											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
9/20/2021		42					42		17 on 9/21/2021	25 on 9/21/2021	Forty-two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/21/2021	2.0"-5.5" - 5 Hours *High intensity/short duration rainfall	11				3	8		3 on 9/22/2021	8 on 9/24/2021	Eleven items were identified requiring ESC repair/maintenance and completed within the required timeframe. Three of the identified items were caused by third party impacts related to wildlife traffic.
9/22/2021	0.15"-0.7" - 2 Hours *Rainfall event from 9/21/2021	142	2 (S-NN14 and S-RR13)	16			124	3 on 9/23/2021 to be completed on 9/25/2021 (24-Hour items) 1 on 9/24/2021 to be completed on 9/27/2021 3 on 9/24/2021 to be completed on 9/28/2021 1 on 9/24/2021 to be completed on 9/29/2021	89 on 9/23/2021 3 on 9/24/2021 (Ext. Requests)	40 on 9/23/2021 5 on 9/24/2021 2 on 9/25/2021 (Ext. Requests) 1 on 9/27/2021 (Ext. Request) 2 on 9/28/2021 (Ext. Requests)	One hundred forty-two items were identified requiring ESC repair/maintenance and completed within the required timeframe. Sixteen of the identified items were identified as off right of way sediment impacts approximately 3, 25, 50, 2, 3, 10, 5 30, 10, 10, 75, 100, 5, 5, 10, and 5-feet within upland areas. The ESC measures were repaired/maintained and enhanced as needed. The off right of way sediment/gravel was cleaned up and the impacted areas stabilized. Agency Compliance Forms (PARs #686, #687, #689, #690, #691, #692, #693, and #694) were submitted by the Spread G Environmental Inspection staff on 9/23/2021. An environmental resource impact occurred due to access road gravel displaced from an existing gravel road used by the project traveling approximately 20 feet to S-NN14. The gravel was subsequently cleaned up at S-NN14 and between the access road and stream. Enhanced sediment control measures were placed along the access road above S-NN14. An environmental resource impact occurred a S-RR13 when flood waters partially dislodged a temporary bridge. The bridge, which remained in the right of way, disturbed a portion of the streambank during the flooding. The streambank was repaired and stabilized and the bridge crossing repaired. An Agency Compliance Form (PAR #695) was submitted by the Spread G Environmental Inspection staff on 9/23/2021.
9/23/2021		38					38	3 on 9/24/2021 to be completed on 9/27/2021	24 on 9/24/2021 3 on 9/25/2021 (Ext. Requests)	11 on 9/24/2021	Thirty-eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/24/2021		8					8		3 on 9/25/2021	5 on 9/25/2021	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/25/2021		1					1			1 on 9/28/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
9/27/2021		12				3	9		6 on 9/28/2021	6 on 9/28/2021	Twelve items were identified requiring ESC repair/maintenance and completed within the required timeframe. Three of the identified items were caused by third party impacts related to wildlife traffic.
9/28/2021		13					13		12 on 9/29/2021		Thirteen items were identified requiring ESC repair/maintenance and 12 were completed within the required timeframe. One of the identified items has three days to be completed.
9/29/2021		28					28		11 on 9/30/2021	6 on 9/30/2021	Twenty-eight items were identified requiring ESC repair/maintenance and 17 were completed within the required timeframe. Eleven of the identified items have three days to be completed.
9/30/2021		3				3	0				Three items were identified requiring ESC repair/maintenance and have 24 hours to be completed within the required timeframe. These items were 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			
9/23/2021	The Environmental Auditor conducted site evaluations at Old Furnace Road/MVP-GI-256.02 (GAS) and Steele Acres Road/MVP-CR-258.01 (CIS).							The Environmental Auditor conducted a post rainfall event evaluation and observed locations where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI and MVP Environmental staff regarding observations and recommendations related to proper ESC measures installation, repair/maintenance, and installing enhanced ESC measures.			
9/20/2021 through 9/30/2021	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPP Inspection Reports to be compliant during this reporting period for the Spread G Project.							The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.			
REQUIRED FINDINGS AND CONCLUSIONS											
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).									
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes										
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes										
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes										