

Mountain Valley Pipeline Project – Spread G

Environmental Auditor Quarterly Report for Q1 2021

April 15, 2021

Environmental Auditor Contact Information

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661 Anderson Drive, Suite 200
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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 (VA DEQ) ESC/SWM Inspector Certifications. In addition to these Certifications, the LEI also obtained the VA DEQ 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 VA DEQ 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 VA DEQ.

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

- Giles, Craig and Montgomery Counties
 - 10670+00-10750+00
 - 10850+00-11553+66
 - 11553+66-11596+94 – Sinking Creek Mountain (Jefferson National Forest)
 - 11596+94-11618+91
 - 11618+91-11669+87 – Brush Mountain (Jefferson National Forest)
 - 11669+87-12005+00

Portions of the right of way from approximate stations 11792+00-12002+00 have been permanently restored via final grading and permanent stabilization per the approved Standard and Specification Details and the ESC/Post Construction SWM Plans. During the Q1 reporting period, construction activities resumed from approximate stations 11150+00 - 11252+00.

Inspections did not occur from January 1, 2021 through March 31, 2021 between approximate stations 10377+20 - 10670+00 and 10750+00 - 10850+00 as earth disturbance activities have not commenced within these areas. No forward construction earth disturbance progress occurred throughout Spread G during this reporting period.

II. Information Reviewed to Prepare Quarterly Report

The Environmental Auditor utilized the following resources to assist with evaluating project compliance from January 1, 2021 through March 31, 2021 (end of reporting period for Q1 2021):

- MVP Daily Punch Lists (includes VA DEQ 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;
- Third party complaint was submitted to the Federal Energy Regulatory Commission (FERC) and filed on January 27, 2021;
- Third party complaint was submitted to the Federal Energy Regulatory Commission (FERC) and filed on February 1, 2021;
- Third party complaint was submitted to the Federal Energy Regulatory Commission (FERC) and filed on February 2, 2021;
- Landowner Complaint was submitted to the Federal Energy Regulatory Commission (FERC) dated February 19, 2021; and
- VA DEQ Pollution Incident Report dated March 29, 2021

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

The following sections III. through VI. provide an overall summary from January 1, 2021 through March 31, 2021 (Q1 reporting period). **Please refer to the attached Environmental Auditor Bi-Weekly Reports for further detailed information.**

III. Quarterly Summary of Environmental Inspector Observations

Per Table G-1A, the EIs observed a total of 146 daily punchlist items requiring repair/maintenance throughout the Q1 reporting period. The Environmental Auditor noted 33 items identified by the EIs as ESC measures damaged due to impacts caused by third party activities related to wildlife traffic, livestock traffic, agricultural equipment traffic and third party weeding activities. One of the identified items was caused by wintry weather related impacts due to fallen trees/branches damaging the ESC measures. All items provided on the punchlist for the reporting period were communicated to the Contractor Environmental staff. The ESC measures were subsequently repaired/maintained within the required timeframes and no resources were impacted.

A total of two off right of way impacts occurred during the Q1 reporting period. One identified off right of way impact was caused by runoff from an unimproved landowner's road and the other impact was caused by improperly installed waterbars which discharged onto the right of way eventually overwhelming a downslope sediment control measure. The ESC measures were subsequently repaired/maintained within the required time frame and no resources were impacted (See rainfall discussion below and Sections VI. and VII. for further detailed information). All items provided on the punchlist for the reporting period were communicated to the Contractor Environmental staff and addressed within the required timeframes.

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

Table G-1A

| Spread G Environmental Inspector Observations: January 1, 2021 – March 31, 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 |
| January 2021 | 37 | 0 | 1 | 21 | 0 |
| February 2021 | 38 | 0 | 0 | 11 | 1 |
| March 2021 | 71 | 0 | 1 | 1 | 0 |

The EIs conducted a total of 235 SWPPP inspections and provided respective VSIRs throughout the Q1 reporting period. Items identified during the SWPPP inspections were communicated to the Contractor Environmental staff and either addressed the same day or added to the MVP Daily Punchlist. 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 DEQ approved timeframe (24 Hours/Three Days or as extended by DEQ authorization).

The MVP ODCP inspectors conducted weekly site inspections at Laydown Yard 026 from January 1, 2021 through March 31, 2021. Twenty inspections were conducted in January, twenty inspections were conducted in February and twenty-one inspections were conducted in March. A minor spill on the gravel pad near a fuel pump was noted on March 23, 2021 and the spill was cleaned up immediately. The MVP Environmental staff continues to communicate with the contractor regarding proper spill containment and refueling practices.

A reportable spill that occurred on the right of way at approximate station 11176+00 in Giles County. Approximately 30 gallons of hydraulic fluid from an excavator due to a hose failure spilled onto the right of way. The spill was immediately contained, cleaned up/stored in sealed containers for removal and leaking equipment was removed from the project site on March 29, 2021. The VA DEQ was immediately contacted verbally followed by a written report (Pollution Incident Detail report #298945 dated 3/29/2021). The VA DEQ Pollution Incident Detail report (Closure section) verified that MVP implemented appropriate compliance actions on April 1, 2021. No off right of way or environmental resource impacts occurred.

An approximate total of 28 recordable precipitation events occurred during the Q1 reporting period with some events producing high intensity/short duration rainfall. An approximate 1.85-inch high intensity/short duration rainfall event occurred on January 26, 2021 which caused runoff from a landowner's unimproved road to overwhelm the existing roadside ditch and displace gravel from the right of way to an upland area. The access road within the right of way was cleared of debris and the roadway surface repaired. The roadside ditch was immediately repaired/enhanced. No resources were impacted. Landowner permission was not granted to retrieve the displaced gravel.

An approximate 1.10-inch rainfall event coupled with incomplete waterbars discharging onto the right of way occurred on March 28, 2021 and caused a perimeter sediment control to become overwhelmed ultimately depositing sediment approximately three-feet off the right of way within an upland area.

Immediately following the rainfall event, the waterbars were properly installed to extend across to the edge of the right of way and additional sediment controls were installed to minimize further impacts. No resources were impacted. Landowner permission has not been granted to retrieve the off right of way sediment. An Agency Compliance Form (Form #619) was completed and submitted by the Spread G Environmental Inspection staff. The Environmental Auditor verified the identified the ESC measures properly installed during a site evaluation on March 30, 2021. The Spread G LEI and MVP staff discussed this issue with the contractor management and laborers.

The Spread G EIs observed disturbances caused by the contractor outside the right of way on 3/24/2021 and 3/29/2021 within areas where survey stakes were present. Agency Compliance Forms (Form #617 and #620, respectively) were completed and submitted by the Spread G Environmental Inspection staff. The contractor crews were halted to prevent additional disturbance, respective agencies were contacted as was the MVP Land Department. The Spread G LEI and MVP staff held meetings with the contractor to discuss and provide re-education pertaining to these issues. The contractor implemented an environmental standdown in response to these issues and a contractor staff member was removed from the project as a result of the construction activities operating outside of the right of way. Minor disturbance was observed as result of these activities.

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 Q1 reporting period:

Table G-1B

| Spread G Rainfall/Frozen Precipitation and Duration Rates: January 1, 2021 – March 31, 2021 | | | | | |
|--|--|----------------------|---|----------------------|--|
| January | | February | | March | |
| Date Recorded | Rainfall and Approximate Duration | Date Recorded | Rainfall and Approximate Duration | Date Recorded | Rainfall and Approximate Duration |
| 1/2/2021 | 0.0"-0.2" – 1 Hour | 2/1/2021 | 0.2" Wintry Mix – 2 Hours | 3/15/2021 | 0.0"-0.1" – 1 Hour |
| 1/8/2021 | 2"-3" Snowfall – 12 Hours | 2/4/2021 | 0.05" Wintry Mix – 1 Hour | 3/17/2021 | 0.05"-0.4" – 1 Hour |
| 1/11/2021 | 0.1" Snowfall – 2 Hours | 2/7/2021 | 5"-8" Snowfall – 8 Hours | 3/18/2021 | 0.5"-0.7" – 7 Hours |
| 1/15/2021 | 0.1" Wintry Mix – 2 Hours | 2/11/2021 | 0.2"-0.45" Wintry Mix – 5 Hours | 3/23/2021 | 0.0"-0.05" – 1 Hour |
| 1/18/2021 | 0.5" Wintry Mix – 2 Hours | 2/14/2021 | 0.5"-2.0" – 48 Hours *Wintry Mix occurred from 2/12/2021-2/14/2021 | 3/25/2021 | 0.4"-0.8" – 3 Hours |
| 1/21/2021 | 0.1" Wintry Mix – 3 Hours | 2/15/2021 | 0.25"-0.55" – 4 Hours | 3/27/2021 | 1.0"-1.5" – 4 Hours |
| 1/24/2021 | 0.1"-0.3" – 2 Hours | 2/17/2021 | 0.9" Wintry Mix – 8 Hours | 3/28/2021 | 0.1"-0.55" – 2 Hours |
| 1/25/2021 | 1.5"-2.3" – 10 Hours | 2/18/2021 | 0.4" Wintry Mix – 2 Hours | 3/31/2021 | 0.5"-0.65" – 1.5 Hours |
| 1/27/2021 | 3"-4" Snowfall – 8 Hours | 2/22/2021 | 0.2"-0.4" – 2 Hours | | |
| 1/30/2021 | 4"-5" Snowfall – 10 Hours | 2/28/2021 | 1.0"-2.2" – 48 Hours *Rainfall occurred from 2/26/2021-2/28/2021 | | |

IV. Quarterly Summary of VA DEQ Observations

Per Table G-1C, the VA DEQ Inspectors observed a total of 13 items requiring repair/maintenance throughout the Q1 reporting period. No impacts occurred to environmental resources and no off right of way impacts were observed during the reporting period. During this reporting period, the Environmental Auditor noted two items identified by the DEQ as ESC measures damaged due to impacts caused by third party activities related to wildlife traffic. The damaged ESC measures were repaired/maintained within the required timeframe and no environmental resources were impacted. All identified items on the punchlist were adequately addressed within the required timeframe.

Based on the MVP Punchlist data and the Environmental Auditor's Bi-Weekly Reports, the following summary provides maintenance/repair items identified by the VA DEQ Inspectors throughout the Q1 reporting period:

Table G-1C

| Spread G VADEQ Observations: January 1, 2021 – March 31, 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 |
| January 2021 | 8 | 0 | 0 | 2 | 0 |
| February 2021 | 3 | 0 | 0 | 0 | 0 |
| March 2021 | 2 | 0 | 0 | 0 | 0 |

V. Quarterly Summary of Landowner/Third Party Issues

1. The Environmental Auditor communicated with the MVP Environmental staff regarding a verbal complaint promulgated by a landowner on January 26, 2021. The landowner cited washout on the access road following a runoff event. An approximate 1.85-inch rainfall event caused runoff from the unimproved landowner's road (outside of the LOD) to overwhelm the roadside ditch and displace gravel from the right of way. Landowner permission was not granted to retrieve the displaced gravel. The access road within the right of way was cleared of debris and the roadway surface repaired. The roadside ditch was repaired/enhanced. No resources were impacted.
2. A third party complaint was submitted to the Federal Energy Regulatory Commission (FERC) and filed on January 27, 2021. The complainant cited "damage done to a cave system" with the belief that the "cave roof system was breached". The complainant also cited "unnecessary intensive land disturbance" and the concern for impacts to water quality. Per the Annual Standards and Specifications, the MVP Environmental staff conducts daily inspections and required SWPPP inspections to evaluate the proper installation and functionality of the ESC measures. Based on the inspection observations, the ESC measures are repaired/maintained within the required timeframes. The ESC measures are also enhanced as necessary.
3. A third party complaint was submitted to the Federal Energy Regulatory Commission (FERC) and filed on February 1, 2021. The complainant submitted an opinion piece submitted by another third party complainant that appeared in a local tabloid. One bulleted point noted that the MVP project is "unable to maintain sedimentation controls based on an inadequate plan poorly executed". The MVP Erosion and Sediment Plans have been reviewed and approved by the VA DEQ. In addition to Sediment Control, the ESC Plans also cover Erosion Control which provides an effective BMP combination to minimize both potential erosion and sedimentation. Per the Annual Standards and Specifications, the MVP Environmental staff conducts daily inspections and required SWPPP inspections to evaluate the proper installation and functionality of the ESC measures. Based on the inspection observations, the Erosion and Sediment Control measures are repaired/maintained within the required timeframes. The ESC measures are also enhanced as necessary.
4. A third party complaint was submitted to the Federal Energy Regulatory Commission (FERC) and filed on February 2, 2021. The complainant provided additional responses from responses to comments related to the Supplemental Environmental Impact Statement (SEIS). The complainant's additional responses addressed geology/karst concerns and soils concerns. One soils concern noted by the complainant was related to soil characterizations based on Soil Survey data and the physical properties of the soils related to loading capacity and potential landslides. The other soils concern noted by the complainant pertains to ambient versus disturbed soil structure. The complainant cited that the "pipeline disrupts and dislodges soil that becomes sediment washed into streams". The ESC Plans address Erosion and Sediment Control measures which provides an effective combination to minimize both potential erosion and sedimentation.

Per the Annual Standards and Specifications, the MVP Environmental staff conducts daily inspections and required SWPPP inspections to evaluate the proper installation and functionality of the ESC measures. Based on the inspection observations, the ESC measures are repaired/maintained within the required timeframes. The ESC measures are also enhanced as necessary. As part of the post construction process, prior to adding soil amendments, the subsoil will be regraded to existing contours followed by topsoil placement. Mechanical discing/harrowing will be performed to achieve soil tilth and minimize compaction. Soil amendments that include but are not limited to lime, fertilizer and biotic soil amendments are incorporated in the soil. This process aides in achieving a pH to enable maximum nutrient uptake necessary for vegetation development and growth. Mulch or soil stabilization blanket will be installed to minimize erosion during the revegetation process.

Per the VA DEQ requirements for post control stormwater runoff control, waterbars with rock outlet end treatments will be installed accordingly based on the post construction stormwater plans. As required, the MVP Environmental staff will continue to inspect the project throughout the post construction process.

5. A landowner Complaint was submitted to the Federal Energy Regulatory Commission (FERC) dated February 19, 2021. The landowner complaint cited concerns related to access road MVP-AR-243.01. The landowner cites "flooding, erosion and related problems" at MVP-AR-243.01 which the landowner utilizes to access his driveway. Based on a previous Complaint to the FERC on August 12, 2020, continued inspections have been conducted by the MVP Environmental Inspection staff and no construction activities have occurred at MVP-AR-243.01. This access road is continually maintained and the ESC measures are installed and functional. Per inspections by the MVP Environmental staff and Environmental Auditor the existing culvert pipe, which based on the drainage area appears to be undersized, has not been compromised by MVP activities.

VI. Quarterly Summary of Environmental Auditor Observations and Recommendations

Per Table G-1D, the Environmental Auditor conducted 13 site evaluations during the Q1 reporting period and observed locations where ESC measures required repair/maintenance. The Environmental Auditor also 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 PCSM measures throughout the project for proper installation and functionality. The Environmental Auditor communicated observations and recommendations with the Spread G LEI and MVP staff. Repair/Maintenance items were forwarded to the respective LEI and those items were addressed within the required timeframe. The Environmental Auditor provided additional recommendations when necessary to install (enhance) additional ESC measures pertaining to runoff control via temporary stabilization (straw mulch application and soil stabilization blanket (SSB) installation) and pipe outfall protection at slope drain outlets to minimize the potential for accelerated erosion and subsequent sediment impacts during runoff events. The Spread G Environmental Inspection staff and Environmental Auditor continue to monitor locations throughout the right of way.

The Environmental Auditor also evaluated areas of the project where an off right of way impact occurred on March 28, 2021 as a result of a high intensity/short duration rainfall event and improperly installed ESC measures. At the time of the evaluation the Environmental Auditor noted the ESC measures were properly installed, enhanced and functional. The Environmental Auditor recommends 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 continues to communicate with the MVP staff and Environmental Inspection staff on a weekly basis. Discussions entail project feedback and recommendations/guidance to maintain compliance.

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

Table G-1D

| Environmental Auditor Field Observations: January 1, 2021 – March 31, 2021 | |
|---|---------------------------|
| Month | Total Observations |
| January 2021 | 3 |
| February 2021 | 4 |
| March 2021 | 6 |

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 LEI 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, an off right of way sediment impact occurred due to improper waterbar construction on March 28, 2021; and
- All ineffective temporary ESC measures observed by the Environmental Inspectors/Environmental Auditor were repaired and ESC measures in need of routine maintenance were maintained within the timeframes required by MVP's Annual Standards and Specifications or as otherwise provided in the Consent Decree.

Based on the aforementioned observations, the resources available and deployed in the field, including EIs and the construction contractor, were sufficient to regularly and consistently conduct routine maintenance and/or repair ineffective ESC measures in a timely manner throughout the Q1 reporting period. The Environmental Auditor recommends continued 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 prior to an upcoming precipitation event. The Environmental Auditor recommends frequent onsite meetings between the Spread G Inspection staff and contractor to review 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 MVP 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 DEQ is aware, there are several previous instances noted in the Q4 2019 through Q4 2020 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 # | 617 | | |
| Inspector | Chris Burns | Date/Time | 3/24/2021 11:44 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 | |
| Noncompliance Description | Disturbance beyond the LoD at station #11246+90. disturbance extends approximately 8ft beyond the LoD. |
| 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) | Chris Burns |
| Primary Vendor on Location | Precision |
| Date MVP Environmental Coordinator Notified | 3/24/2021 |
| Time MVP Environmental Coordinator Notified | 9:30 AM |
| Date Agency Report Issued | 3/24/2021 |
| Time Agency Report Issued | 9:30 AM |
| State | VA |
| County | Giles |
| Weather | Cloudy |

| | | | | | |
|---|-----------|--|--------------------|-----------------|-----|
| A/E | 124300137 | Date/Time | 3/24/2021 11:44 AM | Report # | 617 |
| Waterbody/wetland affected | | No | | | |
| If yes, name of waterbody/wetland affected | | N/A | | | |
| If no, distance to nearest waterbody/wetland | | 800 | | Ft | |
| Description of Corrective Actions | | <p>See photos for GPS coordinates. Survey stakes refreshed. Land agents have made notifications to the land owner of tract VA-GI-200.019. Awaiting landowner approval for remediation/stabilization. FERC monitor Mark Pelfrey was notified at 10:08 am. Contractor and crews were re-educated on the importance of remaining within the LoD at all times.</p> | | | |
| Date Corrective Actions Started | | | | | |
| Completed by MVP Environmental Coordinator | | | | | |
| Additional Corrective Actions | | | | | |
| Date Corrective Actions Completed | | | | | |
| Date Agency Response Completed | | | | | |

| | | | | | |
|--|-----------------------|--|--------------------|-----------------------|-----|
| AFE | 124300137 | Date/Time | 3/24/2021 11:44 AM | Report # | 617 |
| Pictures | | | | | |
|  | |  | | | |
| GPS Location | 1 | GPS Location | 2 | | |
| Field Station# | 11246+90 | Field Station# | 11246+90 | | |
| Pic 1 Desc. | Disturbance past LoD. | | Pic 2 Desc. | Disturbance past LoD. | |
|  | | <p style="text-align: center;">Insert image here</p> | | | |
| GPS Location | 3 | GPS Location | | | |
| Field Station# | 11246+90 | Field Station# | | | |
| Pic 3 Desc. | Disturbance past LoD. | | Pic 4 Desc. | | |
| <p style="text-align: center;">Insert image here</p> | | <p style="text-align: center;">Insert image here</p> | | | |
| GPS Location | | GPS Location | | | |
| Field Station# | | Field Station# | | | |
| Pic 5 Desc. | | | Pic 6 Desc. | | |

| | | | | | |
|-----------------------|-----------|-----------------------|--------------------|-----------------------|-----|
| A/E | 124300137 | Date/Time | 3/24/2021 11:44 AM | Report # | 617 |
| 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 | 3/24/2021 11:44 AM | Report # | 617 |
| Pictures | | | | | |
| Insert image here | | | Insert image here | | |
| GPS Location | | GPS Location | | | |
| Field Station# | | Field Station# | | | |
| Pic 13 Desc. | | Pic 14 Desc. | | | |
| Insert image here | | | Insert image here | | |
| GPS Location | | GPS Location | | | |
| Field Station# | | Field Station# | | | |
| Pic 15 Desc. | | Pic 16 Desc. | | | |
| Insert image here | | | Insert image here | | |
| GPS Location | | GPS Location | 18 | | |
| Field Station# | | Field Station# | | | |
| Pic 17 Desc. | | Pic 18 Desc. | | | |



Agency Compliance Form

| | | | | | |
|---------------------|-------------------------|------------------|-------------------|---------------|-------------------------|
| Project Name | H-600 Pipeline Spread G | AFE | 124300137 | Spread | H-600 Pipeline Spread G |
| Contractor | Precision | Report # | 619 | | |
| Inspector | Chris Burns | Date/Time | 3/28/2021 5:36 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




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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 | Sediment off of RoW tract VA-GI-200.019 due to overwhelmed perimeter controls at 11245+00. |
| Facility | MVP |
| Business Unit | MVP |
| Location Type | Construction |
| Location Name | H-600 Pipeline Spread G |
| Agency Issuing Noncompliance | MVP |
| Compliance Level | PAR |
| Noncompliance Reported by (Name) | Chris Burns |
| Primary Vendor on Location | Precision |
| Date MVP Environmental Coordinator Notified | 3/28/2021 |
| Time MVP Environmental Coordinator Notified | 9:15 AM |
| Date Agency Report Issued | 3/28/2021 |
| Time Agency Report Issued | 5:38 PM |
| State | VA |
| County | Giles |
| Weather | Heavy Rain |

| | | | | | |
|---|-----------|--|-------------------|-----------------|-----|
| AFE | 124300137 | Date/Time | 3/28/2021 5:36 PM | Report # | 619 |
| Waterbody/wetland affected | | No | | | |
| If yes, name of waterbody/wetland affected | | N/a | | | |
| If no, distance to nearest waterbody/wetland | | 900 | Ft | | |
| Description of Corrective Actions | | <p>See photos for GPS coordinates. On tract VA-GI-200.019 near 11245+00. Sediment left the LoD after overburdening perimeter controls. This section of RoW is currently incomplete resulting in added sediment movement during the rain event. Land agents have made contact with the land owners and are awaiting permission for retrieval and remediation.</p> | | | |
| Date Corrective Actions Started | | 3/28/2021 | | | |
| Completed by MVP Environmental Coordinator | | | | | |
| Additional Corrective Actions | | | | | |
| Date Corrective Actions Completed | | | | | |
| Date Agency Response Completed | | | | | |

| | | | | | |
|--|------------------------------------|--|--------------------|-----------------------------------|-----|
| A/E | 124300137 | Date/Time | 3/28/2021 5:36 PM | Report # | 619 |
| Pictures | | | | | |
|  | |  | | | |
| GPS Location | 1 | GPS Location | 2 | | |
| Field Station# | 11245+00 | Field Station# | 11245+00 | | |
| Pic 1 Desc. | Point where sediment has left RoW. | | Pic 2 Desc. | Overview of sediment leaving RoW. | |
|  | | <p style="text-align: center;">Insert image here</p> | | | |
| GPS Location | 3 | GPS Location | | | |
| Field Station# | 11244+00 | Field Station# | | | |
| Pic 3 Desc. | Origin of the run off. | | Pic 4 Desc. | | |
| <p style="text-align: center;">Insert image here</p> | | <p style="text-align: center;">Insert image here</p> | | | |
| GPS Location | | GPS Location | | | |
| Field Station# | | Field Station# | | | |
| Pic 5 Desc. | | | Pic 6 Desc. | | |

| | | | | | |
|-----------------------|-----------|-----------------------|-------------------|-----------------------|-----|
| A/E | 124300137 | Date/Time | 3/28/2021 5:36 PM | Report # | 619 |
| 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 | 3/28/2021 5:36 PM | Report # | 619 |
| 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 # | 620 | | |
| Inspector | Brian Shields | Date/Time | 3/29/2021 2:44 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 |
|-------|---------------|----------------------------|--------------|
| 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 | |
| Noncompliance Description | disturbance outside the approved limits of disturbance at station 11146+18. disturbance extends 8 feet maximum on an angle for approximately 42 feet. |
| 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 | 3/29/2021 |
| Time MVP Environmental Coordinator Notified | 2:48 PM |
| Date Agency Report Issued | 3/29/2021 |
| Time Agency Report Issued | 2:48 PM |
| State | VA |
| County | Giles |
| Weather | Sunny |

| | | | | | |
|---|-----------|--|-------------------|-----------------|-----|
| AFE | 124300137 | Date/Time | 3/29/2021 2:44 PM | Report # | 620 |
| Waterbody/wetland affected | | No | | | |
| If yes, name of waterbody/wetland affected | | | | | |
| If no, distance to nearest waterbody/wetland | | 1050 | Ft | | |
| Description of Corrective Actions | | <p>Crew was halted as to prevent additional disturbance beyond the LOD. survey stakes were in place at time of disturbance. Landowner to be contacted regarding stabilization of disturbed area. FERC monitor notified of occurrence. Crew has been re-educated on the importance of staying inside LOD.</p> | | | |
| Date Corrective Actions Started | | 3/29/2021 | | | |
| Completed by MVP Environmental Coordinator | | | | | |
| Additional Corrective Actions | | | | | |
| Date Corrective Actions Completed | | | | | |
| Date Agency Response Completed | | | | | |

| | | | | | |
|--|--|---|--|-----------------|-----|
| A/E | 124300137 | Date/Time | 3/29/2021 2:44 PM | Report # | 620 |
| Pictures | | | | | |
|  | |  | | | |
| GPS Location | see photo | GPS Location | see photo | | |
| Field Station# | 11146+18 | Field Station# | 11146+18 | | |
| Pic 1 Desc. | disturbance beyond the LOD 40ft long for a maximum of 8 ft | Pic 2 Desc. | disturbance beyond the LOD 40ft long for a maximum of 8 ft | | |
|  | |  | | | |
| GPS Location | see photo | GPS Location | see photo | | |
| Field Station# | 11146+18 | Field Station# | 11146+18 | | |
| Pic 3 Desc. | disturbance beyond the LOD 40ft long for a maximum of 8 ft | Pic 4 Desc. | disturbance beyond the LOD 40ft long for a maximum of 8 ft | | |
| <p>Insert image here</p> | | <p>Insert image here</p> | | | |
| GPS Location | | GPS Location | | | |
| Field Station# | | Field Station# | | | |
| Pic 5 Desc. | | Pic 6 Desc. | | | |

| | | | | | |
|-----------------------|-----------|-----------------------|-------------------|-----------------------|-----|
| A/E | 124300137 | Date/Time | 3/29/2021 2:44 PM | Report # | 620 |
| 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 | 3/29/2021 2:44 PM | Report # | 620 |
| 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: 1/10/2021
Report Prepared By: Joe Crea

| SUMMARY OF FINDINGS | | | | | | | | | | |
|---|--|---|-------------------------------|-------------------------|--|---------------------------|---|--------------------------------|---------------------------|---|
| Total Number of SWPPP Inspections: 27 conducted from 12/28/2020 through 1/10/2021: Holiday on 1/1/2021 | | | | | | | | | | |
| Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 12/28/2020 through 1/10/2021: 19 | | | | | | | | | | |
| Total Number of ODCP Inspections at Laydown Yard 026 : 4 (12/28/2020 through 12/31/2020); 5 (1/4/2021 through 1/8/2021): Holiday on 1/1/2021 | | | | | | | | | | |
| Total Number of VA DEQ Observations from 12/28/2020 through 1/10/2021: 3 | | | | | | | | | | |
| Total Number of Landowner/Third Party Reported Complaints: 0 | | | | | | | | | | |
| Total Number of Right of Way Impacts Caused by Third Parties: 21 (Wildlife Traffic) | | | | | | | | | | |
| Total Number of Off Right of Way Impacts: 0 | | | | | | | | | | |
| Total Number of Environmental Resource Impacts: 0 | | | | | | | | | | |
| Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0 | | | | | | | | | | |
| Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 12/28/2020 through 1/10/2021. | | | | | | | | | | |
| CARRY OVER ITEMS FROM 12/27/2020 | | | | | | | | | | |
| DATE OF OBSERVATION | PRECIPITATION AMOUNT AND DURATION | TOTAL NUMBER OBSERVATIONS | ENVIRONMENTAL RESOURCE IMPACT | OFF RIGHT OF WAY IMPACT | 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 THIRD PARTIES | MAINTENANCE/REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 1/4/2021 | | 13 | | | 13 | | | 9 on 1/4/2021 4 on 1/5/2021 | | Thirteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. All 13 items were caused by third party impacts related to wildlife traffic. |
| 1/5/2021 | | 6 | | | 6 | | | 6 on 1/6/2021 | | Six items were identified requiring ESC repair/maintenance and completed within the required timeframe. All 6 items were caused by third party impacts related to wildlife traffic. |
| VADEQ OBSERVATIONS | | | | | | | | | | |
| DATE OF OBSERVATION | PRECIPITATION AMOUNT AND DURATION | TOTAL NUMBER OBSERVATIONS | ENVIRONMENTAL RESOURCE IMPACT | OFF RIGHT OF WAY IMPACT | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 1/7/2021 | | 3 | | | 2 | 1 | | | 3 on 1/8/2021 | Three items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to wildlife traffic. |
| LANDOWNER REPORTED COMPLAINTS | | | | | | | | | | |
| DATE OF OBSERVATION | NEAREST ROAD OR FEATURE | | | | | TOTAL NUMBER OBSERVATIONS | | | | SUMMARY OF OBSERVATIONS |
| | | | | | | | | | | |
| ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS | | | | | | | | | | |
| DATE OF OBSERVATION | OBSERVATIONS | | | | | | CONCLUSION AND RECOMMENDATIONS | | | |
| 12/28/2020 through 1/10/2021 | 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 and recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity. | | | |
| REQUIRED FINDINGS AND CONCLUSIONS | | | | | | | | | | |
| | Yes/No | If No, provide explanation and recommendation for corrective action (if any). | | | | | | | | |
| Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans? | Yes | | | | | | | | | |
| The temporary erosion and sediment control measures are properly installed, inspected, and maintained? | Yes | | | | | | | | | |
| All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ? | Yes | | | | | | | | | |

Report Period Ending: 2/7/2021
Report Prepared By: Joe Crea

| SUMMARY OF FINDINGS | | | | | | | | | | |
|---|---|---------------------------|-------------------------------|-------------------------|--|--------------------|-----------------------------------|----------------------------------|--|---|
| Total Number of SWPPP Inspections: 40 conducted from 1/25/2021 through 2/7/2021 | | | | | | | | | | |
| Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 1/25/2021 through 2/7/2021: 13 | | | | | | | | | | |
| Total Number of ODCP Inspections at Laydown Yard 026 : 5 (1/25/2021 through 1/29/2021); 5 (2/1/2021 through 2/5/2021) | | | | | | | | | | |
| Total Number of VA DEQ Observations from 1/25/2021 through 2/7/2021: 4 | | | | | | | | | | |
| Total Number of Landowner/Third Party Reported Complaints: 4 (1 . A landowner contacted MVP via verbal communication to report washout on the access road following a runoff event. An approximate 1.85-inch rainfall event caused runoff from the unimproved landowner's road (outside of the LOD) to overwhelm the roadside ditch and displace gravel from the right of way. Landowner permission was not granted to retrieve the displaced gravel. The access road within the right of way was cleared of debris and the roadway surface repaired. The roadside ditch was repaired/enhanced. No resources were impacted. 2 . A third party complaint was submitted to the Federal Energy Regulatory Commission (FERC) and filed on 1/27/2021. The complainant cites "damage done to a cave system" with the belief that the "cave roof system was breached". The complainant also cites "unnecessary intensive land disturbance" and the concern for impacts to water quality. Per the Annual Standards and Specifications, the MVP Environmental staff conducts daily inspections and required SWPPP inspections to evaluate the proper installation and functionality of the ESC measures. Based on the inspection observations, the Erosion and Sediment Control measures are repaired/maintained within the required timeframes. The ESC measures are also enhanced as necessary. 3 . The complainant submitted an opinion piece submitted by another third party complainant that appeared in a local tabloid. One bulleted point noted that the MVP project is "unable to maintain sedimentation controls based on an inadequate plan poorly executed". The MVP Erosion and Sediment Plans have been reviewed and approved by the VA DEQ. In addition to Sediment Control, the ESC plans also cover Erosion Control which provides an effective combination to minimize both potential erosion and sedimentation. Per the Annual Standards and Specifications, the MVP Environmental staff conducts daily inspections and required SWPPP inspections to evaluate the proper installation and functionality of the ESC measures. Based on the inspection observations, the Erosion and Sediment Control measures are repaired/maintained within the required timeframes. The ESC measures are also enhanced as necessary. 4 . A third party complaint was submitted to the Federal Energy Regulatory Commission (FERC) and filed on 2/2/2021. The complainant provided additional responses from responses to comments related to the Supplemental Environmental Impact Statement (SEIS). The complainant's additional responses addressed Geology/Karst concerns and Soils concerns. Refer to the Landowner Report Complaints below for a detail discussion. | | | | | | | | | | |
| Total Number of Right of Way Impacts Caused by Third Parties: 2 (Wildlife Traffic) | | | | | | | | | | |
| Total Number of Off Right of Way Impacts: 1 (The landowner contacted MVP via verbal communication to report washout on the access road following a runoff event. An approximate 1.85-inch rainfall event caused runoff from the unimproved landowner's road (outside of the LOD) to overwhelm the roadside ditch and displace gravel from the right of way. Landowner permission was not granted to retrieve the displaced gravel. The access road within the right of way was cleared of debris and the roadway surface repaired. The roadside ditch was repaired/enhanced. No resources were impacted). | | | | | | | | | | |
| Total Number of Environmental Resource Impacts: 0 | | | | | | | | | | |
| Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0 | | | | | | | | | | |
| Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 1/25/2021 through 2/7/2021. | | | | | | | | | | |
| | | | | | | | | | | |
| CARRY OVER ITEMS FROM 1/24/2021 | | | | | | | | | | |
| DATE OF OBSERVATION | PRECIPITATION AMOUNT AND DURATION | TOTAL NUMBER OBSERVATIONS | ENVIRONMENTAL RESOURCE IMPACT | OFF RIGHT OF WAY IMPACT | RIGHT OF WAY IMPACTS CAUSED BY 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 THIRD PARTIES | MAINTENANCE/REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 1/26/2021 | 1.5"-2.3" - 10 Hours *Rainfall occurred on 1/25/2021 | 5 | | 1 | | 4 | | 2 on 1/26/2021 2 on 1/27/2021 | 1 on 1/27/2021 | Five items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the items was identified as an off right of way impact related to access road gravel displaced during a rainfall event. An approximate 1.85-inch rainfall event caused runoff from the unimproved landowner's road (outside of the LOD) to overwhelm the roadside ditch and displace gravel from the right of way. Landowner permission was not granted to retrieve the displaced gravel. The access road within the right of way was cleared of debris and the roadway surface repaired. The roadside ditch was repaired/enhanced. No resources were impacted. |
| 1/27/2021 | 3"-4" - 8 Hours *Snowfall Cover | 5 | | | | 5 | | 4 on 1/27/2021 | 1 on 1/29/2021 | Five items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 1/29/2021 | | 1 | | | | 1 | | 1 on 1/29/2021 | | One item was identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 2/4/2021 | 0.05" - 1 Hour *Wintry Mix | 2 | | | 2 | | | 2 on 2/5/2021 | | Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. Both items were caused by third party impacts related to wildlife traffic. |
| VADEQ OBSERVATIONS | | | | | | | | | | |
| DATE OF OBSERVATION | PRECIPITATION AMOUNT AND DURATION | TOTAL NUMBER OBSERVATIONS | ENVIRONMENTAL RESOURCE IMPACT | OFF RIGHT OF WAY IMPACT | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 1/26/2021 | 1.5"-2.3" - 10 Hours *Rainfall occurred on 1/25/2021 | 4 | | | | 4 | | | 1 on 1/26/2021 1 on 1/27/2021 2 on 1/29/2021 | Four 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 |
| 1/26/2021 | MVP-AR-234 | | 1 | The landowner contacted MVP via verbal communication to report washout on the access road following a runoff event. An approximate 1.85-inch rainfall event caused runoff from the unimproved landowner's road (outside of the LOD) to overwhelm the roadside ditch and displace gravel from the right of way. Landowner permission was not granted to retrieve the displaced gravel. The access road within the right of way was cleared of debris and the roadway surface repaired. The roadside ditch was repaired/enhanced. No resources were impacted. |
| 1/27/2021 | Giles County | | 2 (Karst Features and Soil Properties) | A third party complaint was submitted to the Federal Energy Regulatory Commission (FERC) and filed on 1/27/2021. The complainant cites "damage done to a cave system" with the belief that the "cave roof system was breached". The complainant also cites "unnecessary intensive land disturbance" and the concern for impacts to water quality. Per the Annual Standards and Specifications, the MVP Environmental staff conducts daily inspections and required SWPPP inspections to evaluate the proper installation and functionality of the ESC measures. Based on the inspection observations, the Erosion and Sediment Control measures are repaired/maintained within the required timeframes. The ESC measures are also enhanced as necessary. |
| 2/1/2021 | Montgomery County | | Multiple 1 related to Environment (Sedimentation Controls) | A third party complaint was submitted to the Federal Energy Regulatory Commission (FERC) and filed on 2/1/2021. The complainant submitted an opinion piece submitted by another third party complainant that appeared in a local tabloid. One bulleted point noted that the MVP project is "unable to maintain sedimentation controls based on an inadequate plan poorly executed". The MVP Erosion and Sediment Plans have been reviewed and approved by the VA DEQ. In addition to Sediment Control, the ESC plans also cover Erosion Control which provides an effective combination to minimize both potential erosion and sedimentation. Per the Annual Standards and Specifications, the MVP Environmental staff conducts daily inspections and required SWPPP inspections to evaluate the proper installation and functionality of the ESC measures. Based on the inspection observations, the Erosion and Sediment Control measures are repaired/maintained within the required timeframes. The ESC measures are also enhanced as necessary. |
| 2/2/2021 | Sinking Creek Mountain, Jefferson National Forest, Craig County, Giles County and Montgomery County | | 2 (Geology and Soil Properties) | A third party complaint was submitted to the Federal Energy Regulatory Commission (FERC) and filed on 2/2/2021. The complainant provided additional responses from responses to comments related to the Supplemental Environmental Impact Statement (SEIS). The complainant's additional responses addressed Geology/Karst concerns and Soils concerns. One Soils concern noted by the complainant was related to soil characterizations based on Soil Survey data and the physical properties of the soils related to loading capacity and potential landslides. The other Soils concern noted by the complainant pertains to ambient versus disturbed soil structure. The complainant cited that the "pipeline disrupts and dislodges soil that becomes sediment washed into streams". The ESC plans address Erosion and Sediment Control measures which provides an effective combination to minimize both potential erosion and sedimentation. Per the Annual Standards and Specifications, the MVP Environmental staff conducts daily inspections and required SWPPP inspections to evaluate the proper installation and functionality of the ESC measures. Based on the inspection observations, the Erosion and Sediment Control measures are repaired/maintained within the required timeframes. The ESC measures are also enhanced as necessary. As part of the Post Construction process, Prior to adding soil amendments, the subsoil will be regraded to existing contours followed by topsoil placement. Mechanical disking/harrowing will be performed to achieve soil tilth and minimize compaction. Soil amendments that include but are not limited to lime, fertilizer and biotic soil amendments are incorporated in the soil. This process aides in achieving a pH to enable maximum nutrient uptake necessary for vegetation development and growth. Mulch or soil stabilization blanket will be installed to minimize erosion during the revegetation process. Per the VA DEQ requirements for post control stormwater runoff control, waterbars with rock outlet end treatments will be installed accordingly based on the post construction stormwater plans. The MVP Environmental staff will continue to inspect the project throughout the post construction process. |
| ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS | | | | |
| DATE OF OBSERVATION | OBSERVATIONS | | CONCLUSION AND RECOMMENDATIONS | |
| 1/25/2021 through 2/7/2021 | 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 and recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity. | |
| REQUIRED FINDINGS AND CONCLUSIONS | | | | |
| | Yes/No | If No, provide explanation and recommendation for corrective action (if any). | | |
| Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans? | Yes | | | |
| The temporary erosion and sediment control measures are properly installed, inspected, and maintained? | Yes | | | |
| All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ? | Yes | | | |

Report Period Ending: 2/21/2021
Report Prepared By: Joe Crea

| SUMMARY OF FINDINGS | | | | | | | | | | | |
|--|--|---------------------------|-------------------------------|-------------------------|---|--|--------------------|-----------------------------------|-------------------------|---------------------------|---|
| Total Number of SWPPP Inspections: 40 conducted from 2/8/2021 through 2/21/2021: Inspections not conducted on 2/18/2021 due to safety concerns related to a winter weather event. Notification was provided to the VA DEQ and the required inspections were completed on 2/19/2021. | | | | | | | | | | | |
| Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 2/8/2021 through 2/21/2021: 24 | | | | | | | | | | | |
| Total Number of ODCP Inspections at Laydown Yard 026 : 5 (2/8/2021 through 2/12/2021); 5 (2/15/2021-2/17/2021 and 2/19/2021-2/20/2021): Inspections not conducted on 2/18/2021 due to safety concerns related to a winter weather event. | | | | | | | | | | | |
| Total Number of VA DEQ Observations from 2/8/2021 through 2/21/2021: 1 | | | | | | | | | | | |
| Total Number of Landowner/Third Party Reported Complaints: 1 (A landowner Complaint was submitted to the Federal Energy Regulatory Commission (FERC) dated February 19, 2021. The landowner complaint cited concerns related to access road MVP-AR-243.01. The landowner cites "flooding, erosion and related problems" at MVP-AR-243.01 which the landowner utilizes to access his driveway. Based on a previous Complaint to the FERC on August 12, 2020, continued inspections have been conducted by the MVP Environmental Inspection staff and no construction activities have occurred at MVP-AR-243.01. This access road is continually maintained and the ESC measures are installed and functional. The existing culvert pipe, which based on the drainage area appears to be undersized, has not been compromised). | | | | | | | | | | | |
| Total Number of Right of Way Impacts Caused by Third Parties: 9 (Wildlife/Livestock Traffic and Third Party Weeding Device) | | | | | | | | | | | |
| Total Number of Right of Way Impacts Caused by Weather Related Damage: 1 | | | | | | | | | | | |
| Total Number of Off Right of Way Impacts: 0 | | | | | | | | | | | |
| Total Number of Environmental Resource Impacts: 0 | | | | | | | | | | | |
| Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0 | | | | | | | | | | | |
| Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 2/8/2021 through 2/21/2021. | | | | | | | | | | | |
| | | | | | | | | | | | |
| CARRY OVER ITEMS FROM 2/7/2021 | | | | | | | | | | | |
| 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 |
| 2/8/2021 | | 2 | | | | | 2 | | 2 on 2/8/2021 | | Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 2/10/2021 | | 1 | | | | 1 | | | 1 on 2/10/2021 | | One item was identified requiring ESC repair/maintenance and completed within the required timeframe. This item was related to third party impacts caused by wildlife traffic. |
| 2/11/2021 | 0.2"-0.45" - 5 Hours *Wintry Mix | 4 | | | | | 4 | | 3 on 2/11/2021 | 1 on 2/12/2021 | Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 2/12/2021 | | 2 | | | | 2 | | | 2 on 2/12/2021 | | Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. Both of the identified items were caused by third party impacts related to wildlife/livestock damage. |
| 2/16/2021 | 0.25"-0.55" - 4 Hours *Rainfall occurred on 2/15/2021 | 11 | | | | 6 | 5 | | 10 on 2/17/2021 | 1 on 2/17/2021 | Eleven items were identified requiring ESC repair/maintenance and completed within the required timeframe. Six of the identified items were caused by third party impacts related to wildlife/livestock damage (5) and third party weed maintenance activities (1). |
| 2/17/2021 | 0.9" - 8 Hours *Wintry Mix | 4 | | | 1 | | 3 | | 1 on 2/17/2021 | 3 on 2/17/2021 | Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by weather related damage due to fallen tree limbs. |
| VADEQ OBSERVATIONS | | | | | | | | | | | |
| DATE OF OBSERVATION | PRECIPITATION AMOUNT AND DURATION | TOTAL NUMBER OBSERVATIONS | ENVIRONMENTAL RESOURCE IMPACT | OFF RIGHT OF WAY IMPACT | RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 2/17/2021 | 0.9" - 8 Hours *Wintry Mix | 1 | | | | | 1 | | | 1 on 2/19/2021 | 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 |
| Photo Logs in Complainant Report dated 1/27/2021, 2/16/2021 and 2/17/2021 | MVP-AR-243.01 | 1 | A landowner Complaint was submitted to the Federal Energy Regulatory Commission (FERC) dated February 19, 2021. The landowner complaint cited concerns related to access road MVP-AR-243.01. The landowner cites "flooding, erosion and related problems" at MVP-AR-243.01 which the landowner utilizes to access his driveway. Based on a previous Complaint to the FERC on August 12, 2020, continued inspections have been conducted by the MVP Environmental Inspection staff and no construction activities have occurred at MVP-AR-243.01. This access road is continually maintained and the ESC measures are installed and functional. The existing culvert pipe, which based on the drainage area appears to be undersized, has not been compromised. |
| ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS | | | |
| DATE OF OBSERVATION | OBSERVATIONS | CONCLUSION AND RECOMMENDATIONS | |
| 2/10/2021 | The Environmental Auditor conducted an evaluation at MVP-MN-266. | The Environmental Auditor observed locations where the ESC measures were installed and functional at the time of the evaluation. | |
| 2/8/2021 through 2/21/2021 | 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 and 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 - 3/8/2021 through 3/21/2021

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

Report Period Ending: 3/21/2021
Report Prepared By: Joe Crea

| SUMMARY OF FINDINGS | | | | | | | | | | | |
|---|--|---|-------------------------------|-------------------------|---|--|---------------------------|---|-------------------------|---------------------------|---|
| Total Number of SWPPP Inspections: 40 conducted from 3/8/2021 through 3/21/2021 | | | | | | | | | | | |
| Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 3/8/2021 through 3/21/2021: 3 | | | | | | | | | | | |
| Total Number of ODCP Inspections at Laydown Yard 026 : 5 (3/8/2021 through 3/12/2021); 5 (3/15/2021 through 3/19/2021) | | | | | | | | | | | |
| Total Number of VA DEQ Observations from 3/8/2021 through 3/21/2021: 0 | | | | | | | | | | | |
| Total Number of Landowner/Third Party Reported 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: 0 | | | | | | | | | | | |
| Total Number of Off Right of Way Impacts: 0 | | | | | | | | | | | |
| Total Number of Environmental Resource Impacts: 0 | | | | | | | | | | | |
| Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0 | | | | | | | | | | | |
| Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 3/8/2021 through 3/21/2021. | | | | | | | | | | | |
| CARRY OVER ITEMS FROM 3/7/2021 | | | | | | | | | | | |
| 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 |
| 3/11/2021 | | 1 | | | | | 1 | | 1 on 3/11/2021 | | One item was identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 3/18/2021 | 0.5"-0.7" - 7 Hours | 2 | | | | | 2 | | 2 on 3/19/2021 | | Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| VADEQ OBSERVATIONS | | | | | | | | | | | |
| DATE OF OBSERVATION | PRECIPITATION AMOUNT AND DURATION | TOTAL NUMBER OBSERVATIONS | ENVIRONMENTAL RESOURCE IMPACT | OFF RIGHT OF WAY IMPACT | RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/ REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| | | | | | | | | | | | |
| LANDOWNER REPORTED COMPLAINTS | | | | | | | | | | | |
| DATE OF OBSERVATION | NEAREST ROAD OR FEATURE | | | | | | TOTAL NUMBER OBSERVATIONS | | | SUMMARY OF OBSERVATIONS | |
| | | | | | | | | | | | |
| ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS | | | | | | | | | | | |
| DATE OF OBSERVATION | OBSERVATIONS | | | | | | | CONCLUSION AND RECOMMENDATIONS | | | |
| 3/8/2021 | The Environmental Auditor conducted a site evaluation at Mt. Tabor Road (CIS). | | | | | | | The Environmental Auditor observed locations where the ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the MVP Environmental staff regarding observations and recommendations related to repair/maintenance and installing enhanced ESC measures. | | | |
| 3/8/2021 through 3/21/2021 | 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 and 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
ENVIRONMENTAL AUDITOR PARTIAL BI-WEEKLY REPORT - 3/22/2021 through 3/31/2021

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

Report Period Ending: 3/31/2021
Report Prepared By: Joe Crea

| SUMMARY OF FINDINGS | | | | | | | | | | | |
|--|--|---------------------------|-------------------------------|-------------------------|---|--|---------------------|-----------------------------------|--|----------------------------------|--|
| Total Number of SWPPP Inspections: 21 conducted from 3/22/2021 through 3/31/2021 | | | | | | | | | | | |
| Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 3/22/2021 through 3/31/2021: 61 | | | | | | | | | | | |
| Total Number of ODCP Inspections at Laydown Yard 026 : 6 (3/22/2021 through 3/27/2021); 3 (3/29/2021 through 3/31/2021): A minor spill near a fuel pump in the Contractor yard was observed by the ODCP inspector on 3/23/2021. The Contractor was notified and the spill was cleaned up immediately. The ODCP inspector documented the spill clean up in the 3/24/2021 report. | | | | | | | | | | | |
| Total Number of VA DEQ Observations from 3/22/2021 through 3/31/2021: 2 | | | | | | | | | | | |
| Total Number of Landowner/Third Party Reported 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: 0 | | | | | | | | | | | |
| Total Number of Off Right of Way Impacts: 1 (An approximate 1.10-inch rainfall event, coupled with incomplete waterbars discharging onto the right of way caused a perimeter sediment control to become overwhelmed ultimately depositing sediment approximately three-feet off the right of way. The waterbars have been properly installed and additional sediment controls were installed to minimize further impacts. No resources were impacted). | | | | | | | | | | | |
| Total Number of Reportable Spills: 1 (A reportable spill that occurred on the right of way at approximate station 11176+00 in Giles County. Approximately 30 gallons of hydraulic fluid from an excavator due to a hose failure spilled onto the right of way. The spill was immediately contained, cleaned up/stored in sealed containers for removal and leaking equipment was removed from the project site on 3/29/2021. The VA DEQ was immediately contacted verbally followed by a written report (Pollution Incident Detail report #298945 dated 3/29/2021. The VA DEQ Pollution Incident Detail report (Closure section) verified that MVP implemented appropriate compliance actions on 4/1/2021). | | | | | | | | | | | |
| Total Number of Environmental Resource Impacts: 0 | | | | | | | | | | | |
| Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0 | | | | | | | | | | | |
| Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 3/22/2021 through 3/31/2021. | | | | | | | | | | | |
| CARRY OVER ITEMS FROM 3/21/2021 | | | | | | | | | | | |
| 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 |
| 3/23/2021 | | 1 | | | | | 1 | | | 1 on 3/23/2021 | One item was identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 3/24/2021 | | 3 | | | | | 3 | | | 3 on 3/24/2021 | Three items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 3/28/2021 | 1.1"-1.6" - 6 Hours *Combined rainfall from 3/27/2021 and 3/28/2021 | 16 | | 1 | | 1 | 14 | | 13 on 3/29/2021 *1 off right of way sediment impact is within restricted access | 1 on 3/29/2021 1 on 3/30/2021 | Sixteen items were identified requiring ESC repair/maintenance and 15 have been completed within the required timeframe. One of the items was identified as an off right of way impact related to sediment overwhelming a perimeter sediment control during a rainfall event. An approximate 1.10-inch rainfall event, coupled with incomplete waterbars discharging onto the right of way caused a perimeter sediment control to become overwhelmed ultimately depositing sediment approximately three-feet off the right of way. The waterbars have been properly installed and additional sediment controls were installed to minimize further impacts. No resources were impacted. Landowner permission has not been granted to retrieve the off right of way sediment. One of the identified items was caused by third party impacts related to livestock traffic. |
| 3/29/2021 | | 19 | | | | | 19 | | 1 on 3/29/2021 18 on 3/30/2021 | | Nineteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was a reportable spill that occurred on the right of way at approximate station 11176+00 in Giles County. Approximately 30 gallons of hydraulic fluid from an excavator due to a hose failure spilled onto the right of way. The spill was immediately contained, cleaned up/stored in sealed containers for removal and leaking equipment was removed from the project site on 3/29/2021. The VA DEQ was immediately contacted verbally followed by a written report (Pollution Incident Detail report #298945 dated 3/29/2021). The VA DEQ Pollution Incident Detail report (Closure section) verified that MVP implemented appropriate compliance actions on 4/1/2021. |
| 3/30/2021 | | 5 | | | | | 5 | | 5 on 3/30/2021 | | Five items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 3/31/2021 | 0.5"-0.65" - 1.5 Hours | 17 | | | | | 17 | | | | Seventeen items were identified requiring ESC repair/maintenance. Three items have 24-Hours and 14 items have three days to be completed within the required timeframes. |

| 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 |
| 3/30/2021 | | 2 | | | | | 2 | | | 2 on 3/31/2021 | 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 | | | |
| 3/22/2021 | The Environmental Auditor conducted site evaluations at Winding Way Drive (CIS/GAS), Seven Oaks Road/MVP-GI-253.02 (CIS) and Old Furnace Road/MVP-GI-256.02 (CIS/GAS). | | | | | | | The Environmental Auditor observed locations where the ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the MVP Environmental staff regarding observations and recommendations related to repair/maintenance and installing enhanced ESC measures. | | | |
| 3/25/2021 | The Environmental Auditor conducted a site evaluation at Winding Way Drive (CIS/GAS). | | | | | | | The Environmental Auditor observed locations where the ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the MVP Environmental staff regarding observations and recommendations related to proper installation of ESC measures. | | | |
| 3/30/2021 | The Environmental Auditor conducted a site evaluation at Winding Way Drive (CIS/GAS). | | | | | | | The Environmental Auditor observed locations where the ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the MVP Environmental staff regarding observations and recommendations related to proper installation of ESC measures and installing enhanced ESC measures. | | | |
| 3/22/2021 through 3/31/2021 | The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPP Inspection Reports to be compliant during this reporting period for the Spread G Project. However, the following non-compliance events occurred during this reporting period: 1. An off right of way sediment impact occurred on 3/28/2021 due to improper ESC installation. An Agency Compliance Form (Form #619) was completed and submitted by the Spread G Environmental Inspection staff. The Environmental Auditor verified the identified the ESC measures properly installed during a site evaluation on 3/30/2021. No environmental resources were impacted and landowner permission has not been granted to retrieve the sediment which travelled approximate three feet off the right of way. The Spread G LEI and MVP staff held meetings with the contractor management and laborers to discuss this issue. 2. Off right of way disturbances outside the right of way occurred on 3/24/2021 and 3/29/2021 within areas where survey stakes were present. Agency Compliance Forms (Form #617 and #620, respectively) were completed and submitted by the Spread G Environmental Inspection staff. The contractor crews were halted to prevent additional disturbance, respective agencies were contacted as was the MVP Land Department. The Spread G LEI and MVP staff held meetings with the contractor to discuss and provide re-education pertaining to these issues. The contractor implemented an environmental standdown in response to these issues and a contractor staff member was removed from the project as a result of the construction activities operating outside of the right of way. Minor disturbance was observed as result of these activities. | | | | | | | The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread G Project. 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 recommends daily communication between the MVP Environmental team and the contractor to ensure that proper installation and maintenance of ESC measures occur prior to a precipitation event and at the end of the work day. Additional communication and oversight is also recommended to ensure 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? | No | A punch list item identified on 3/28/2021 noted an off right of way sediment impact from an active construction area. Upon a field inspection conducted by the Spread G Environmental Inspection staff, it was noted that section of the right of way above the impacted location did not have waterbars properly extended across the right of way resulting in an off right of way sediment impact. An Agency Compliance Form (Form #619) was completed and submitted by the Spread G Environmental Inspection staff. The Environmental Auditor verified the identified the ESC measures properly installed during a site evaluation on 3/30/2021. No environmental resources were impacted and landowner permission has not been granted to retrieve the sediment which travelled approximate three feet off the right of way. The Spread G LEI and MVP staff discussed this issue with the Contractor management and | | | | | | | | | |
| 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 | | | | | | | | | | |