

Mountain Valley Pipeline Project – Spread H

Environmental Auditor Quarterly Report for Q2 2021

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Environmental Auditor Contact Information

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I. Introduction

The Spread H (portions of Construction Spreads 9 and 10) portion of the Mountain Valley Pipeline Project H-600 (Project) within the state of Virginia begins at approximate station 12001+80 in Montgomery County and ends at approximate station 13415+51 in Franklin County. The Spread H Project includes right of way for the pipeline, laydown yards, additional temporary workspaces (ATWS) and temporary/permanent access roads. Spread H is located in Montgomery, Roanoke and Franklin Counties.

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 H 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 H EIs currently conduct inspections for the following geographical locations:

- Montgomery, Roanoke and Franklin Counties
 - 12005+00-12544+06
 - 12638+00-13141+65
 - 13141+65-13422+00
 - PY-006
 - LY-049
 - MVP-RO-286

Inspections did not occur from April 1, 2021 through June 30, 2021, between approximate stations 12544+06-12638+00 as earth disturbance activities have not commenced within these locations.

Forward construction progress occurred during this reporting period at the following locations:

- 12691+05-12715+80 (previously cleared)
- 12715+80-12744+00
- 12763+27-12776+82
- 13122+00-13145+90
- 13159+20-13195+15

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:

- 12009+00-12011+63; 12113+00-12115+00
- 12145+50-12147+50; 12147+50-12152+00
- 12212+00-12216+00; 12235+00-12281+00
- 12999+30-13022+00; 13044+00-13057+00
- 13058+93-13061+40; 13063+96-13115+00
- 13213+00-13260+00; 13262+58-13316+00

II. Information Reviewed to Prepare Quarterly Report

The Environmental Auditor utilized the following resources to assist with evaluating project compliance from April 1, 2021 through June 30, 2021 (end of reporting period for Q2 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;
- Spread H LEI Spread Pipe Line Workbook and Progress Tracker Spreadsheets;
- Project Rain Gauge Data;
- Spread H Scatter Sheets (Contractor Available Resources and Daily Work Locations);
- Annual Project Specific Standards and Specifications;
- Oil Discharge Contingency Plan (ODPC) Inspection Reports;
- Storm Water Pollution Prevention Plans (SWPPPs), Erosion and Sediment Control (ESC) Plans and Post Construction Stormwater Management (SWM) Plans;
- Agency Compliance Forms (Problem Areas Reports and Noncompliance Reports); and
- Third party complaint submitted to the USACOE on May 28, 2021

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

The following sections III. through VI. provide an overall summary from April 1, 2021 through June 30, 2021 (Q2 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 H-1A, the Environmental Inspectors observed at total of 135 daily punchlist items (includes Carry Over items from previous Bi-Weekly Reports) requiring repair/maintenance throughout the Q2 reporting period. During this reporting period, the Environmental Auditor noted one item identified by the EI as ESC measures damaged due to impacts caused by third party activities related to livestock traffic. One of the identified items was caused by weather related impacts due to fallen trees/branches damaging the ESC measures. The ESC measures were subsequently repaired/maintained within the required timeframes and no resources were impacted.

During the Q2 reporting period, the Spread H Environmental inspection staff identified 13 off right of way sediment impacts in upland locations on 6/10/2021, 6/12/2021 and 6/14/2021. One of the impacts identified on 6/12/2021 resulted in an impact to an environmental resource. These impacts were caused by high intensity/short duration storm events. The storm events caused ESC measures to become overwhelmed resulting in the following:

- Two off right of way sediment impacts were identified on 6/10/2021. The sediment traveled approximately 100 and 15-feet off right of way within upland areas. Interim ESC measures were immediately implemented following the storm event followed by repair/maintenance and installation of enhanced ESC measures. Landowner permission was granted, the off right of way sediment clean up and stabilization completed at both locations on 6/11/2021 within the VADEQ required timeframe. An Agency Compliance Form (Noncompliance Report #625) was submitted by the Environmental inspection staff for the off right of way sediment impact that traveled 15 feet due to the contractor not installing ESC measures (waterbar slope drains and end sumps) per the approved ESC Plans. The Project Spread Construction Manager implemented a Stop Work Order on 6/12/2021 for the entire Spread H project effective until all ESC measures were properly installed and functional. The Environmental Auditor verified via the daily punch list and communication with the Spread H LEI that ESC measures were in the process of being repaired/maintained and additional interim measures installed via the contractor laborers. The waterbar slope drains and end sumps were properly completed on 6/17/2021 via extensions requests approved by the VADEQ. The self-implemented Stop Work Order was lifted on 6/18/2021.
- Six off right of way sediment impacts and one environmental resource (stream) impact were identified on 6/12/2021. The sediment traveled approximately 150, 75, 15, 15, 10, and 20-feet off right of way within upland areas. The off right of way sediment impact which traveled approximately 150-feet subsequently impacted an environmental resource (S-D17). The sediment traveled approximately 1,000 feet within S-D17. It should be noted that approximately 400 feet (+/-) of the impacts were incurred along a portion of the stream that was diverted from its historic stream channel (S-D14) by pre-existing logging activities. A Declaration of Force Majeure was submitted to the VADEQ on June 17, 2021 for the impact to S-D17 due to the magnitude of the storm events. As part of project activities permitted under the USACOE NWP-18, Stream D-17 was returned to its original channel within the Project on 6/21/2021 as noted in the Biological Monitor's report submitted on 7/5/2021. Interim ESC measures were immediately implemented following the storm event followed by repair/maintenance and installation of enhanced ESC measures. Landowner permission was granted for 5 of the impacted areas (included S-D17), off right of way sediment clean up and stabilization completed within the required timeframes. One of the identified off right of way impact areas did not receive landowner approval and has not been resolved as a result of the restricted access. Agency Compliance Forms (Problem Area Reports #627, 628, 630, 631) were submitted by the Spread H Environmental inspection staff.

The Noncompliance Report #625 was revised due to a reoccurring impact at the location (75 feet) where ESC measures (waterbar slope drains and end sumps) were not installed by the contractor prior to the storm event. The waterbar slope drains and end sumps were completed on 6/17/2021 via extension requests approved by the VADEQ.

The Noncompliance Report #625 was updated to reflect completion of the ESC measures and the self-implemented Stop Work Order was lifted on 6/18/2021.

- Five off right of way sediment impacts were identified on 6/14/2021. The sediment traveled approximately 5, 8, 5, 5 and 25-feet off right of way, respectively within upland areas. Interim ESC measures were immediately implemented followed by repair/maintenance and installation of enhanced ESC measures. Landowner permission was granted at four of the impacted areas, off right of way sediment clean up and stabilization completed within the required timeframes. One of the identified off right of way impact areas did not receive landowner approval and has not been resolved due to restricted access. No resources were impacted.

As noted above on 6/12/2021 and 6/14/2021, two identified off right of way locations have been extended indefinitely as off right of way sediment and temporary stabilization measures cannot be implemented due to landowner restricted access; however, the ESC measures were repaired/maintained and additional/enhanced ESC measures were implemented within the required timeframe. It should be noted that the Agency Compliance Form (Noncompliance Report #625) and the self-imposed Stop Work Order issued on 6/12/2021 were related to the ESC measures (four waterbar slope drains and end sumps) not being installed within an approximate 200-ft section of the right of way.

The Spread H Environmental inspection staff observed one off right of way impact caused by the contractor operating outside the right of way on 6/1/2021. Based on the report the contractor grading crew disturbed an area outside the right of way where survey stakes had been knocked over by cattle grazing in this area. Upon approval from the landowner, topsoil was restored and the area was stabilized. The Spread H Environmental inspection staff communicated/coordinated with the contractor grading foreman and moving forward the contractor will confer with the inspection staff to verify survey stakes are in place prior to proceeding with forward construction activities.

During the Q2 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 H-1A provides a summary of maintenance/repair items identified by the Environmental Inspectors throughout the Q2 reporting period:

Table H-1A

Spread H Environmental Inspector Observations: April 1, 2021 – June 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
April 2021	*37	0	0	0	0
May 2021	*25	0	0	1	1
June 2021	*73	1	14	0	0

* Includes Carry Over Items

The EIs conducted a total of 177 SWPPP inspections and provided respective VSIRs throughout the 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 and MVP Daily Punchlists, it appears that the EIs' observations were communicated to the contractor and noted issues were maintained/repared 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 PY-006 from April 1, 2021 through June 30, 2021. Twenty-three inspections were conducted in April, twenty-three inspections were conducted in May and twenty-six inspections were conducted in June. A minor spill was identified near the secondary containment adjacent to a welding tent on 5/17/2021. The contractor was notified and the spill was immediately cleaned up on the same day (5/17/2021).

An approximate total of 26 recordable precipitation events occurred during the Q2 reporting period with some events producing high intensity/short duration rainfall events from 6/9/2021 through 6/13/2021. It should be noted that these events caused saturated ground conditions over multiple days and attributed to the ESC measures becoming overwhelmed. An approximate 1.2-inch high intensity/short duration rainfall event occurred within approximately 1.5 hours on June 10, 2021. This event caused runoff to overwhelm the ESC measures resulting in sediment traveling approximately 100 and 15-feet off right of way within upland areas. Interim ESC measures were immediately implemented following the storm event followed by repair/maintenance, installation of enhanced ESC measures and off right of way sediment clean up and stabilization occurred within the required timeframes. An Agency Compliance Form (Noncompliance Report #625) was submitted by the Environmental inspection staff for the off right of way sediment impact that traveled 15 feet due to the contractor not installing ESC measures (waterbar slope drains and end sumps) per the approved ESC Plans.

Approximately 1.9-2.2 inches with intervals of high intensity/short duration rainfall events occurred within approximately 24 hours on June 11, 2021 which resulted in 6 off right of way impacts within upland areas and one impact to an environmental resource (S-D17). These events caused runoff to overwhelm the ESC measures resulting in sediment traveling approximately 150, 75, 15, 15, 10, and 20-feet off right of way within upland areas. The sediment impact at S-D17 traveled approximately 1,000 feet within this resource. It should be noted that approximately 400 feet (+/-) of the impacts were incurred along a portion of the stream that was diverted from its historic stream channel (S-D14) by pre-existing logging activities. As part of project activities permitted under the USACOE NWP-18, Stream D-17 was returned to its original channel within the Project on 6/21/2021 as noted in the Biological Monitor's report submitted on 7/5/2021. Agency Compliance Forms (Problem Area Reports and a continuation of Noncompliance Report #625) were submitted by the Spread H Environmental inspection staff. The Noncompliance Report #625 was revised due to reoccurring impacts at the location (75 feet off right of way) where ESC measures (waterbar slope drains and end sumps) were not installed by the contractor. Interim ESC measures were immediately implemented following the storm events followed by repair/maintenance and installation of enhanced ESC measures. Landowner permission was granted for 6 of the impacted areas (including S-D17), off right of way sediment clean up and stabilization occurred within the required timeframes. One of the identified off right of way impact areas did not receive landowner approval due to restricted access. The waterbar slope drains and end sumps were completed on 6/17/2021 via extension requests approved by the VADEQ. The Noncompliance Report #625 was updated to reflect completion of the ESC measures and the self-implemented Stop Work Order was lifted on 6/18/2021.

Approximately 1.1-1.3 inches with intervals of high intensity/short duration rainfall events occurred within approximately 2.5 and 1.5 hours, respectively on June 13, 2021 which resulted in 6 off right of way impacts within upland areas. These events caused runoff to overwhelm the ESC measures resulting in sediment traveling approximately 5, 8, 5, 5, 25 and 700-feet off right of way within upland areas. The Noncompliance Report #625 was revised due to reoccurring impacts at the location (700 feet off right of way) where ESC measures (waterbar slope drains and end sumps) were not installed by the contractor. Interim ESC measures were immediately implemented following the storm events followed by repair/maintenance and installation of enhanced ESC measures. Landowner permission was granted for 5 of the impacted areas, off right of way sediment clean up and stabilization was completed within the required timeframes. One of the identified off right of way impact areas did not receive landowner approval due to restricted access. The waterbar slope drains and end sumps were completed on 6/17/2021 via extension requests approved by the VADEQ. The Noncompliance Report #625 was updated to reflect completion of the ESC measures and the self-implemented Stop Work Order was lifted on 6/18/2021.

It should be noted that the Agency Compliance Form (Noncompliance Report #625) and the self-imposed Stop Work Order issued on 6/12/2021 were related to the ESC measures (four waterbar slope drains and end sumps) not being installed within a 200-ft section of the right of way.

Based on rainfall gauge data provided by the Spread H EIs, the following Table H-1B provides a summary of monthly recorded rainfall dates, amounts based on lowest to highest rates, and estimated duration for each event throughout the Q2 reporting period:

Table H-1B

Spread H Rainfall and Duration Rates: April 1, 2021 – June 30, 2021					
April		May		June	
Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
4/1/2021	0.5"-0.7" – 7.5 Hours *Rainfall occurred on 3/31/2021	5/3/2021	0.1"-0.3" – 3 Hours	6/7/2021	0.0"-0.1" – 2 Hours
4/9/2021	0.0"-0.1" – 1 Hour *Rainfall occurred on 4/8/2021	5/4/2021	0.0"-0.4" – 7 Hours *Rainfall occurred on 5/3/2021	6/8/2021	0.0"-0.1" – 1 Hour *Rainfall occurred on 6/7/2021
4/11/2021	0.9"-1.8" – 8 Hours *Heavy rainfall occurred late 4/10/2021	5/5/2021	0.0"-0.5" – 1.25 Hours *Isolated thunderstorms occurred on 5/4/2021	6/9/2021	0.0"-1.3" – 1 Hour *High intensity/short duration storm event occurred on 6/8/2021
4/15/2021	0.1"-0.3" – 5 Hours *Rainfall occurred on 4/14/2021	5/6/2021	0.0"-0.1" – 3.75 Hours *Rainfall occurred on 5/5/2021	6/10/2021	0.0"-0.4" – 1.5 Hours *Rainfall occurred on 6/9/2021
4/19/2021	0.1"-0.4" – 3 Hours	5/10/2021	0.0"-0.1" – 2 Hours *Intermittent rainfall occurred on 5/8/2021 and 5/9/2021	6/11/2021	0.3"-1.7" – 1.5 Hours *High intensity/short duration storm event occurred on 6/10/2021
4/25/2021	0.4"-0.8" – 11 Hours *Rainfall occurred on 4/24/2021	5/17/2021	0.0"-0.1" – 2 Hours *Rainfall occurred on 5/16/2021	6/12/2021	0.4"-2.2" – 2.5 Hours *High intensity/short duration storm events occurred on 6/11/2021
		5/18/2021	0.1"-0.2" – 3 Hours *Rainfall occurred on 5/17/2021	6/14/2021	0.6"-2.1" – 3.5 Hours *High intensity/short duration storm events occurred on 6/13/2021
		5/25/2021	0.0"-0.8" – 3.5 Hours *Rainfall occurred on 5/24/2021	6/23/2021	0.2"-0.8" – 3.5 Hours *Rainfall occurred on 6/22/2021
		5/26/2021	0.0"-0.2" – 2.5 Hours *Rainfall occurred on 5/25/2021	6/28/2021	0.0"-0.3" – 2 Hours *Rainfall occurred on 6/27/2021
		5/29/2021	0.3"-1.5" – 14 Hours *Rainfall with intervals of isolated heavy precipitation occurred from 5/28/2021-5/29/2021		
		5/30/2021	0.6"-1.0" – 14 Hours *Rainfall occurred from 5/29/2021-5/30/2021		

IV. Quarterly Summary of VADEQ Observations

Per Table H-1C, the VADEQ Inspectors observed a total of 35 items requiring repair/maintenance throughout the Q2 reporting period. During this reporting period, the Environmental Auditor noted two items identified by the VADEQ as ESC measures damaged due to impacts caused by third party activities related to livestock traffic and wildlife traffic. All items provided on the punchlist for the reporting period were communicated to the contractor staff and addressed within the VADEQ approved timeframe (24 hours/Three Days or as extended by VADEQ authorization).

During the Q2 reporting period, the VADEQ identified one off right of way off right of way sediment impact in an upland location on 6/14/2021. The sediment traveled approximately 700 feet off right of way within an upland area. This impact was caused by previous high intensity/short duration storm events coupled with ESC measures not installed by the contractor per the approved ESC plans.

An Agency Compliance Form (Noncompliance Report #625) was submitted by the Environmental inspection staff on June 10, 2021 through June 12, 2021 for the off right of way sediment impacts due to ESC measures (waterbar slope drains and end sumps) not installed per the approved ESC Plans. A Stop Work Order effective until all ESC measures were properly installed was issued by the Spread H Construction Manager for the entire project on 6/12/2021. Landowner access was granted, off right of way sediment clean up and stabilization were completed and the waterbar slope drains and end sumps were completed on 6/17/2021. The Environmental Auditor verified via the daily punch lists, communication with the Spread H Environmental inspection staff, and follow up site evaluations that the ESC measures were repaired/maintained, additional interim measures installed and subsequently the waterbar slope drains and end sumps were completed on 6/17/2021. The Noncompliance Report #625 was updated to reflect completion of the ESC measures and the self-implemented Stop Work Order was lifted on 6/18/2021.

During the Q2 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 rainfall discussion and Section VI. for additional information). It should be noted that punchlist items provided by the VADEQ that are initially observed and reported by the Spread H Environmental inspection staff on a given day are accounted for and not included in overall totals to avoid redundancy.

Based on the MVP Punchlist data and the Environmental Auditor's Bi-Weekly Reports, the following Table H-1C provides a summary of maintenance/repair items identified by the VADEQ Inspectors throughout the Q2 reporting period:

Table H-1C

Spread H VADEQ Observations: April 1, 2021 – June 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
April 2021	5	0	0	0	0
May 2021	7	0	0	2	0
June 2021	*23	0	1	0	0

*Includes Carry Over Items

V. Quarterly Summary of Landowner/Third Party Issues

A third party complaint was submitted to the US Army Corps of Engineers (USACOE) on May 28, 2021. The ESC portion of the complaint cited "harm to Virginia's water resources and environment." The complainant cited the grubbing operations occurring on a steep slope and provided affiliated photo documentation of the construction activities. The complainant further cited that the ESC measures installed on the slope will "NOT be able to contain the sediment flow" as "there is no doubt run-off from the ROW will occur during a forecasted weather event. Based on communications and coordination with the Spread H LEI, an EI was present throughout the day to oversee that all ESC measures are properly installed and functional. The distance from the edge of the construction activities to S-D14 and S-D17 at the time of the complaint was approximately 1,300 feet. The Environmental Auditor and the Chief EI conducted a site visit on 5/31/2021 as a follow up to the Complaint. No issues were observed at the S-D14/S-D17 stream where the proposed crossing will occur.

The right of way was fully vegetated and the current construction activities were approximately 1,300 feet west of the stream location. Erosion and sediment control measures were observed to be installed and functional where construction activities were occurring at the time of the evaluation.

VI. Quarterly Summary of Environmental Auditor Observations and Recommendations

Per Table H-1D, the Environmental Auditor conducted 36 site evaluations during the Q2 reporting period and observed locations where ESC measures required repair/maintenance and provided recommendations to enhance existing or install additional ESC measures as necessary to minimize erosion and sediment impacts. 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 PCSM measures throughout the project for proper installation and functionality.

The Environmental Auditor communicated observations and recommendations with the Spread H Environmental inspection staff, contractor staff and MVP staff. Repair/maintenance items and recommendations were forwarded to the Spread H LEI and most recommendations were addressed. The recommendations by the Environmental Auditor to install enhanced ESC measures pertained to runoff control (Clean Water Diversion dikes), erosion control (waterbars, check dams and soil stabilization blanket installation) and sediment control (sump enlargement, slope drains, outfall protection and linear controls). The Spread H Environmental inspection staff, contractor Environmental staff 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 on June 10, 2021 through June 13, 2021 as a result of a high intensity/short duration rainfall events. At the time of the evaluations the Environmental Auditor noted the ESC measures were either being repaired/maintained and enhanced or repairs and enhancements were completed. 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, Environmental inspection staff and contractor environmental staff on a continued basis. Discussions entail project feedback and recommendations/guidance to maintain compliance.

As noted in the rainfall discussion within Section III, approximately 400 feet (+/-) of the project right of way was impacted by S-D17 diverted from its historic channel (S-D14) due to pre-existing logging activities. As part of project activities permitted under the USACOE NWP-18, Stream D-17 was returned to its historic channel within the Project on 6/21/2021. A Wetland Habitat Log (WHL) was installed, the areas were seeded with the appropriate wetland seed mix and stabilized with erosion control matting. Upon completion of the work, the stream flow was re-established to the completed work area. The Environmental Auditor assigned to oversee Biological Conditions within Resource Crossings verified the stream flow was re-connected successfully. The re-connection work will reduce erosion and sedimentation by allowing the stream to follow its original stream course instead of the historic logging road. Refer to the attached Biological Conditions Environmental Auditor Report dated 7/5/2021.

The following Table H-1D provides a summary of the monthly total number of observations (site evaluations) conducted by the Environmental Auditor throughout the Q2 reporting period.

Table H-1D

Environmental Auditor Field Observations: April 1, 2021 – June 30, 2021	
Month	Total Observations
April 2021	6
May 2021	11
June 2021	19

VII. Conclusion(s)

Per Section IV. (b) (1) of the Consent Decree, the Environmental Auditor conducted site evaluations, evaluated Daily Punchlists, VSIR/SWPPP reports and communicated with the MVP staff and Lead Environmental Inspector/Environmental Inspectors and has concluded the following for the Spread H 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, off right of way impacts were identified on June 10, 2021, June 12, 2021 and June 14, 2021 due to ESC measures (four waterbar slope drains and end sumps) not being installed per the ESC Plans; and
- All ineffective temporary E&SC 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 Q2 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 continues to recommend frequent onsite meetings between the Spread H 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 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 instances noted in the Q4 2019 through Q1 2021 Reports in which sediment has left the ROW but MVP's requests for landowner permission to take corrective measures have been denied.

BIOLOGICAL CONDITIONS ENVIRONMENTAL AUDITOR REPORT

Version 1.1



Resource ID: S-D17

Crossing Start Date: 6/21/2021

Crossing Completion Date: 6/21/2021

Milepost: 248.83

Pre-Con Assessment Date: 6/21/2021

Post-Con Assessment Date: 6/21/2021

Station: 13138+50

Stream Classification: Intermittent
(Perennial, Intermittent, Ephemeral)

Bankfull Width (ft.): 7'

Item #	Resource Crossing Conditions	N/A	YES	NO
1.	Were all resource specific crossing conditions satisfied? (if applicable) TOYR? _____ Fish Relocation? _____ Mussel Relocation? _____	X		
2.	Is this resource a designated wild or stockable trout stream?			X
3.	Were equipment mats or other suitable methods utilized under heavy equipment to minimize soil compaction and disturbance in wetlands?		X	
4.	Was the top 1-foot of wetland soil or stream bed material segregated and stockpiled separate from trench spoils?	X		
5.	Was excavated material not needed for backfill removed and disposed of at an upland site per?	X		
6.	Was stream work conducted continuously to completion; time of disturbance minimized?		X	
7.	Was the top 1-foot of backfill in Cold Water Fisheries made with clean native stream substrate?	X		
8.	Was wetland topsoil replaced and seeded?		X	
9.	Was permanent seed applied to riparian areas and unsaturated wetlands?		X	
10.	Was pre-construction survey data utilized during restoration of stream and/or wetland areas?	X		
11.	Have surveys been scheduled to verify as-built conditions meet pre-construction conditions in accordance with federal/state permit requirements? (V: ± 0.3 ft; H: ± 1.0 ft)	X		
12.	Were disturbed areas restored to pre-construction contours?		X	
13.	Are bareroot plantings scheduled for dormant season (10/1 – 4/30)?	X		

Item #	Biologic Conditions	Pre-Con	Post-Con
14.	Substrate Type (select one): <i>Bedrock, Boulder (>10"), Cobble (2-10"), Gravel (0.1-2"), Sand (<0.1"), Mud/Silt/Clay</i>	Mud/Silt/Clay	Mud/Silt/Clay
15.	Channel Conditions: <i>1-Optimal (80-100% stable banks), 2-Sub-optimal (60-80% stable banks), 3-Marginal (Erosion present in 40-60% of banks), 4-Poor (Erosion present in 60-80% of banks), 5-Severe (Erosion on 80-100% of the stream banks, highly eroded/unvegetated banks)</i>	4	3
16.	Riparian Buffers within ROW: <i>1-Optimal (60% tree canopy cover + non-maintained understory), 2-Sub-optimal (30-60% canopy cover), 3-Marginal (<30% canopy cover), 4-Poor (Mowed/maintained areas, farmland, impervious area, sparsely vegetated, etc.)</i>	4	4
17.	In-Stream Habitat: <i>Is the stream high or low gradient? (Definitions below)</i> High Gradient: <i>Defined by EPA as streams with moderate-high gradient landscapes; substrates primarily composed of coarse sediments [gravel (2mm) or larger] or frequent coarse particulate aggregations; riffle/run prevalent.</i> Low Gradient: <i>Defined by EPA as streams with low-moderate gradient landscapes; substrates of fine sediment particles or infrequent aggregations of coarse sediment particles [gravel (2mm) or larger]; glide/pool prevalent.</i>	High Gradient	
17.a.	High Gradient: <i>Varied substrate sizes, Low amount of mobile particles, Low embeddedness, Varied combination of water velocities, Presence of wood/leafy debris, Provision of shade protection.</i> Low Gradient: <i>Varied substrate sizes in pools, submerged aquatic vegetation, Presence of woody/leafy debris, Provision of shade protection.</i> Rating: <i>1-Optimal (Habitat elements present in >50% of stream), 2-Suboptimal (Habitat elements in 30-50% of stream), 3-Marginal (Habitat elements in 10-30% of stream), 4-Poor (Habitat elements lacking or <10% of stream)</i>	4	3
18.	Channel Alterations: <i>Straightened channel, Non-MVP stream crossings, Non-native riprap/rock along banks, Concrete/gabions/concrete block, Manmade embankments, Constrictions w/in channel, livestock impacts.</i> 1-Negligible (unaltered/natural stream), 2-Minor (20-40% of stream disrupted by channel alterations), 3-Moderate (40-80% of stream disrupted), 4-Poor (>80% of stream disrupted)	4	3

BIOLOGICAL CONDITIONS ENVIRONMENTAL AUDITOR REPORT

Version 1.1



Comments/Remarks

The in-stream activity re-connected MVP stream S-D17 (UNT to North Fork Blackwater River) to its historical channel, MVP stream S-D14, that was diverted by historic logging activities. This activity was permitted and approved through the Norfolk District Army Corps of Engineers (NAO-2015-00898). The stream substrate generally consisted of mud and/or silt material prior to the Wetland Habitat Log (WHL) installation, and the substrate was consistent with pre-construction conditions after the installation. Areas permitted to be temporarily impacted for this work activity were restored to pre-construction contours. The WHL was installed and secured with duck-bill anchors, and backfilled with the material excavated for the installation. The areas were seeded with the appropriate wetland seed mix, and stabilized with erosion control matting. Upon completion of the work, the stream flow was re-established to the completed work area, and verified that the stream flow was re-connected successfully. This re-connection work will reduce erosion and sedimentation by allowing the stream to follow its original stream course, instead of the historic logging road.

Pre-Construction Assessment



Overview of work area during pre-construction conditions. Wetland habitat log is to be installed across stream channel and re-connect the channel through the berm, depicted near the blue and white striped flagging. No aquatic macroinvertebrates or fish were observed in the channel prior to the work activity.

Post-Construction Assessment



Post-construction stream flow at the re-connection point of S-D17 to S-D14. The WHL was installed across the stream and the re-connection has prevented the continued erosion of the hillside. The disturbed area was seeded and stabilized with matting, and the stream flow was clear after flowing through the work area.

In accordance with the Mountain Valley Pipeline Consent Decree, dated October 11, 2019, this independent report was completed to document the on-site monitoring of instream invertebrate and fisheries resources during all construction activity related to waterbody and wetland crossings, and document instream conditions and any impacts to the resources.

This report was written by	Stephen Fisher Print Name	<i>Stephen Fisher</i> Signature	7/5/2021 Date
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Agency Compliance Form

Project Name	H-600 Pipeline Spread H	AFE	124300138	Spread	H-600 Pipeline Spread H
Contractor	Precision	Report #	623		
Inspector	John Brcic	Date/Time	6/1/2021 2:58 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	NCR #623
Noncompliance Description	Off ROW impact by grading crew.
Facility	MVP
Business Unit	MVP
Location Type	Construction
Location Name	H-600 Pipeline Spread H
Agency Issuing Noncompliance	MVP
Compliance Level	NCR
Noncompliance Reported by (Name)	EI Norm Kitchen
Primary Vendor on Location	Precision
Date MVP Environmental Coordinator Notified	6/1/2021
Time MVP Environmental Coordinator Notified	2:50 PM
Date Agency Report Issued	6/1/2021
Time Agency Report Issued	6:33 PM
State	VA
County	Franklin
Weather	Sunny

A/E	124300138	Date/Time	6/1/2021 2:58 PM	Report #	623
Waterbody/wetland affected			No		
If yes, name of waterbody/wetland affected					
If no, distance to nearest waterbody/wetland			156	Ft	
Description of Corrective Actions			<p>Noncompliance Report 623. A grade crew disturbed an area outside of the LOD between stations 13194+40 and 13195+15. It is a triangle shaped area ranging from 1 foot to 10 feet at the widest point for approximately 40 feet, with dozer track marks for approximately another 35 more feet. Upon approval by landowner, topsoil was restored to the disturbed area outside of LOD, and the area was seeded and stabilized. Perimeter controls were installed per E&S plan.</p> <p>Survey stakes had been knocked down by cattle in this area. Also, perimeter controls had not been installed. Going forward, grade foreman will confer with inspection staff to verify that staking is in place and forward controls installed before proceeding into new ground.</p>		
Date Corrective Actions Started			6/1/2021		
Completed by MVP Environmental Coordinator					
Additional Corrective Actions					
Date Corrective Actions Completed			6/1/2021		
Date Agency Response Completed			6/1/2021		

AFE	124300138	Date/Time	6/1/2021 2:58 PM	Report #	623
Pictures					
					
GPS Location	37 07' 24.01" N, 80 04' 31.76" W		GPS Location	37 07' 24.01" N, 80 04' 31.76" W	
Field Station#	13194+40		Field Station#	13195+14	
Pic 1 Desc.	Start of grading activity beyond LOD.		Pic 2 Desc.	Dozer tracks extend beyond the area graded outside of LOD.	
					
GPS Location	37 07' 24.01" N, 80 04' 31.76" W		GPS Location	37 07' 24.01" N, 80 04' 31.76" W	
Field Station#	13194+50		Field Station#	13194+75	
Pic 3 Desc.	Perimeter controls installed.		Pic 4 Desc.	The disturbed area was seeded.	
					
GPS Location	37 07' 24.01" N, 80 04' 31.76" W		GPS Location	37 07' 24.01" N, 80 04' 31.76" W	
Field Station#	13194+75		Field Station#	13194+40	
Pic 5 Desc.	The area was stabilized with mulch.		Pic 6 Desc.	Google Earth image of affected area.	

A/E	124300138	Date/Time	6/1/2021 2:58 PM	Report #	623
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	124300138	Date/Time	6/1/2021 2:58 PM	Report #	623
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 H	AFE	124300138	Spread	H-600 Pipeline Spread H
Contractor	Precision	Report #	625		
Inspector	John Brcic	Date/Time	6/18/2021 5:39 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	NCR-625
Noncompliance Description	Off ROW sedimentation, no sumps installed on 4 waterbars through fill slope.
Facility	MVP
Business Unit	MVP
Location Type	Construction
Location Name	H-600 Pipeline Spread H
Agency Issuing Noncompliance	MVP
Compliance Level	PAR
Noncompliance Reported by (Name)	Dawn McCullough
Primary Vendor on Location	Precision
Date MVP Environmental Coordinator Notified	6/10/2021
Time MVP Environmental Coordinator Notified	3:30 PM
Date Agency Report Issued	6/10/2021
Time Agency Report Issued	5:38 PM
State	Virginia
County	Franklin
Weather	Heavy Rain

AFE	124300138	Date/Time	6/18/2021 5:39 PM	Report #	625
Waterbody/wetland affected		No			
If yes, name of waterbody/wetland affected					
If no, distance to nearest waterbody/wetland		15	Ft		
Description of Corrective Actions		<p>At approximately 3:15 PM, 6/10, sediment was observed outside of the LOD at station 13131+00, MP 248.5, after an afternoon rain event. A thin layer of sediment traveled approximately 100 feet beyond the LOD on the north side of the ROW. Interim waterbar end treatments and perimeter controls appear to have been overwhelmed by runoff. It was later discovered that sediment also traveled outside of perimeter controls on the south side of the ROW between stations 12125+50 and 12128+00. Here, it appeared that sump pits were overwhelmed. Most of the sediment that went outside of the perimeter controls stayed within the LOD up against the perimeter controls, with a small amount traveling outside of the LOD in one location. The total amount of sediment that went beyond the LOD in both locations is estimated to be approximately 25 gallons. Both locations are on the same tract of land, the owner of which has been notified, and permission has been requested to clean up the sediment outside of the LOD. Super silt fence was installed on the perimeter in the location where the 12" CFS perimeter controls were overwhelmed on the north side of the ROW. Also, sumps were added to interim waterbars in this same location.</p> <p>Upon further investigation on 06/11, no sump pits had been installed at the base of the fill slope for the waterbars between stations 13125+00 and 13127+00. The area had been graded to the point of creating a fill slope, but there were no sumps built, and waterbars were draining straight down the fill slope with no treatments or stabilization. This led to the off ROW sedimentation on the south side of the ROW at station 13127+50. Sumps and drains will need to be installed as soon as the winch hill is accessible. As a temporary measure, blanket was installed today down the fill slope where the waterbars were located. 12" CFS checks were also installed in the throats of the waterbars. Also, landowner permission was granted today for access outside of LOD, so sediment was returned to the ROW, and the area outside of LOD was stabilized with seed and straw mulch.</p> <p>On 6/12, another off ROW sedimentation incident occurred in the same location at station 13127+65 on the south side of the ROW. Sediment was retrieved back onto the ROW the same day. Approximately 15 gallons of sediment left the ROW and traveled approximately 75 feet. 1.9" of rain fell in this area in the past 24 hours. This is a result of the NCR outlined in the previous paragraph.</p> <p>Another off ROW sedimentation discovered on 6/14 from same NCR, same location, approximately 100 gallons, 700 feet off ROW. No resource impacted. Sediment retrieval started same day, finished 6/16. Off ROW area stabilized.</p> <p>Crews were able to winch down to the area of the fill slope on 6/16 to begin installation of sumps and slope drains. By the end of day 6/17, slope drains, sumps and end treatments were completed and the fill slope stabilized.</p>			
Date Corrective Actions Started		6/10/2021			
Completed by MVP Environmental Coordinator					
Additional Corrective Actions		Fill slope stabilized with blanket, oversized sump pitss			
Date Corrective Actions Completed		6/17/2021			
Date Agency Response Completed		6/18/2021			

AFE	124300138	Date/Time	6/18/2021 5:39 PM	Report #	625
Pictures					
					
GPS Location	See photo	GPS Location	See photo		
Field Station#	13130+00	Field Station#	13130+00		
Pic 1 Desc.	Sediment outside of LOD on north side of ROW.	Pic 2 Desc.	Trail of off ROW sedimentation on north side of ROW.		
					
GPS Location	See photo	GPS Location	See photo		
Field Station#	13130+00	Field Station#	13130+50		
Pic 3 Desc.	Interim waterbar end treatment overwhelmed.	Pic 4 Desc.	12" CFS overwhelmed by runoff.		
					
GPS Location	See photo	GPS Location	See photo		
Field Station#	13131+00	Field Station#	13131+00		
Pic 5 Desc.	Interim waterbar at end of grubbing operations.	Pic 6 Desc.	Interim waterbars enhanced in size.		

A/E	124300138	Date/Time	6/18/2021 5:39 PM	Report #	625
Pictures					
 <p>Date & Time: Thu, Jun 10, 2021 19:39:16 EDT Position: +037.121788° / -88.091920° (+52.88) Altitude: 2051ft (+62.10) Datum: WGS-84 Azimuth Bearing: 249° 58'W 47.00miles (+13.1) Elevation Angle: -01.1° Horizon Angle: -01.1° Zoom: 100x 13128+00</p>		 <p>Date & Time: Thu, Jun 10, 2021 19:37:07 EDT Position: +037.121791° / -88.091920° (+52.88) Altitude: 2054ft (+62.10) Datum: WGS-84 Azimuth Bearing: 250° 52'W 34.27miles (+13.1) Elevation Angle: -01.1° Horizon Angle: -01.1° Zoom: 100x 13127+50</p>			
GPS Location	See photo	GPS Location	See photo		
Field Station#	13128+00	Field Station#	13127+50		
Pic 7 Desc.	Sediment behind super silt fence on south side of ROW.		Pic 8 Desc.	Sediment exiting perimeter controls through a daylight in the super silt fence.	
 <p>Date & Time: Thu, Jun 10, 2021 19:37:07 EDT Position: +037.121527° / -88.092014° (+1886.58) Altitude: 2043ft (+62.10) Datum: WGS-84 Azimuth Bearing: 192° 51'W 33.70miles (+13.1) Elevation Angle: -43.2° Horizon Angle: -17.5° Zoom: 100x 13127+50</p>					
GPS Location	See photo	GPS Location	See photo		
Field Station#	13127+50	Field Station#	13132+00		
Pic 9 Desc.	Small amount of sediment outside of LOD on south side of ROW.		Pic 10 Desc.	P1 silt fence overwhelmed where sediment left ROW.	
 <p>Date & Time: Thu, Jun 10, 2021 19:02:08 EDT Position: +037.121844° / -88.092014° (+7042.08) Altitude: 1760ft (+53.51) Datum: WGS-84 Azimuth Bearing: 074° N74E 31.00miles (+13.1) Elevation Angle: -25.6° Horizon Angle: -02.0° Zoom: 100x 13132+00</p>					
GPS Location	See photo	GPS Location	See photo		
Field Station#	13132+00	Field Station#	13132+00		
Pic 11 Desc.	Super silt fence installed on perimeter where P1 silt fence was overwhelmed.		Pic 12 Desc.	Super silt fence installed on perimeter.	

AFE	124300138	Date/Time	6/18/2021 5:39 PM	Report #	625
Pictures					
				<p>Jun 11, 2021 12:14:46 PM -174° S 19185 Virgil H Goode Highway Rocky Mount Franklin County Virginia Altitude: 634.6m Speed: 0.0km/h Index number: 241</p>	
GPS Location	See photo	GPS Location	37.121753, 80.091970		
Field Station#	13131+00	Field Station#	13126+00		
Pic 13 Desc.	Sump pits added at ends of interim waterbars.	Pic 14 Desc.	Waterbar running straight down fill slope with no sump installed.		
				<p>Date & Time: Fri, Jun 18, 2021 12:22:05 EDT Position: +037.121745° / -080.092654° (-8410.1m) Altitude: 2099ft (+222.2m) Datum: WGS-84 Azimuth/Bearing: 307° NAD83 (Magnetic True) Elevation Angle: +27.3° Horizon Angle: +03.5° Zoom: 1.0x 13126+00</p>	
GPS Location	37.121753, 80.091970	GPS Location	37.121753, 80.091970		
Field Station#	13126+50	Field Station#	13126+50		
Pic 15 Desc.	Fill slope has been stabilized with erosion control blanket.	Pic 16 Desc.	Waterbar outlet down fill slope with no sump, drain pipe.		
				<p>Date & Time: Sat, Jun 19, 2021 17:31:47 EDT Position: +037.121976° / -080.092654° (-8410.1m) Altitude: 2164ft (+223.6m) Datum: WGS-84 Azimuth/Bearing: 136° S44E 2418mils True (+12°) Elevation Angle: +04.7° Horizon Angle: +02.1° Zoom: 1.0x Sump pit that was installed at Sta# 13131</p>	
GPS Location	37.121753, 80.091970	GPS Location	See photo		
Field Station#	13125+00	Field Station#	13126+00		
Pic 17 Desc.	Sump pits, end treatments and slope drains installed on fill slope stabilized with blanket.	Pic 18 Desc.	Fill slope drain, sump and end treatments installed.		

Report Period Ending: 4/4/2021
Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 26 conducted from 3/22/2021 through 4/4/2021 (includes PY-006).											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 3/22/2021 through 4/4/2021 (includes Carry Over Items from 3/21/2021): 20											
Total Number of ODCP Inspections at Laydown Yard PY-006: 5 (3/22/2021 through 3/26/2021); 5 (3/29/2021 through 4/2/2021)											
Total Number of VA DEQ Observations from 3/22/2021 through 4/4/2021: 7											
Total Number of Landowner/Third Party Reported Complaints: 2 (1. A third party complaint by the Mountain Valley Watch to the VA DEQ was submitted to MVP on 3/30/2021. The report narrative alleges areas of "inadequate/sparse soil cover", off right of way sediment impacts and a slip within the right of way. The photo log which serves as the basis for the report was developed via aerial photos taken from a manned aircraft. The MVP Environmental team continues to conduct daily inspections in addition to the required SWPPP inspections. The Environmental Auditor conducted evaluations throughout the locations noted in the Complainant report and observed areas where stabilization meets coverage requirements along with soil stabilization blanket installed as part of the temporary stabilization regime. The ESC measures throughout the evaluated areas appeared to be installed and functional with no offsite or resource impacts. The slip noted in the report, which occurred near approximate MP 250.8 is contained within the right of way and enhanced ESC measures have been installed and are maintained at the toe of the slope. This location has been evaluated by a Geotech and slip mitigation plans are being developed. The VA DEQ is aware of this location and communication on the repair status occurs on a weekly basis. MVP is in the process of drafting a formal response letter. 2. A third party complaint was submitted to the VA DEQ on March 31, 2021. The complainant cited "multiple failures of erosion and sediment controls" including "new erosion and sediment control failure". The complainant further alleges that "sediment filled water went through and under" the erosion and sediment controls along the access road impacting nearby off right of way resources. Based on communication with the Spread H Environmental Inspection staff, inspections were conducted during the recent rainfall events and all ESC measures were properly installed and functional. MVP is also in the process of installing new gravel along the access road. Due to recent third party law enforcement activities conducted at Yellow Finch Lane the week of March 22, 2021, the Environmental Auditor met with the Spread H contractor and Environmental Inspection team on March 26, 2021. The Environmental Auditor observed repair/maintenance activities occurring and provided additional recommendations to install additional measures/enhancements).											
Total Number of Right of Way Impacts Caused by Third Parties: 6 (landowner traffic, unauthorized vehicle traffic and third party law enforcement activities related to activist group)											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris): 0											
Total Number of Off Right of Way Impacts: 0											
Total Number of Environmental Resource Impacts: 0											
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0											
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 3/22/2021 through 4/4/2021.											
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
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23 and 3/31/2021 to be completed on 4/8/2021			Engineering design being prepared for slide impact area. Long term extension approval has been granted.
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
3/24/2021	0.2"-0.7" - 13.25 Hours *Rainfall occurred from 3/23/2021-3/24/2021	3					3			3 on 3/24/2021	Three items were identified requiring repair/maintenance and completed within the required timeframe.
3/25/2021		6				5	1		1 on 3/25/2021	4 on 3/25/2021 1 on 3/26/2021	Six items were identified requiring repair/maintenance and completed within the required timeframe. Four of the identified items were caused by third party impacts related to third party vehicle and equipment traffic utilized to remove unauthorized activists and trash/debris from activists. One of the identified items was related to third party impacts related to landowner traffic.
3/29/2021	0.8"-1.8" - 24 Hours *Rainfall occurred 3/27/2021 through 3/28/2021	1					1			1 on 3/29/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
3/30/2021		5					5			2 on 3/30/2021 3 on 3/31/2021	Five items were identified requiring repair/maintenance and completed within the required timeframe.
3/31/2021		3				1	2			3 on 4/1/2021	Three items were identified requiring repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to unauthorized vehicular disturbance
4/1/2021	0.5"-0.7" - 7.5 Hours *Rainfall occurred on 3/31/2021	1					1			1 on 4/1/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.

MOUNTAIN VALLEY PIPELINE
SPREAD H
ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 4/5/2021 through 4/18/2021

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

Report Period Ending: 4/18/2021
Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 30 conducted from 4/5/2021 through 4/18/2021 (includes PY-006).											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 4/5/2021 through 4/18/2021 (includes Carry Over Items from 4/4/2021): 17											
Total Number of ODCP Inspections at Laydown Yard PY-006: 5 (4/5/2021 through 4/9/2021); 5 (4/12/2021 through 4/16/2021)											
Total Number of VA DEQ Observations from 4/5/2021 through 4/18/2021: 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 (damaged ESC measures from 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 4/5/2021 through 4/18/2021.											
CARRY OVER ITEMS FROM 4/4/2021											
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
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7 and 4/13/2021 to be completed on 4/22/2021			Engineering design being prepared for slide impact area. Long term extension approval has been granted.
4/1/2021		1					1	1 to be completed by 4/7/2021		1 on 4/6/2021	One item was identified requiring repair/maintenance and completed within the required timeframe via an extension request approval by the VA DEQ.
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
4/9/2021	0.0"-0.1" - 1 Hour *Rainfall occurred on 4/8/2021	4					4			4 on 4/9/2021	Four items were identified requiring repair/maintenance and completed within the required timeframe.
4/12/2021		7					7		1 on 4/12/2021	1 on 4/12/2021 5 on 4/13/2021	Seven items were identified requiring repair/maintenance and completed within the required timeframe.
4/14/2021		2					2			2 on 4/14/2021	Two items were identified requiring repair/maintenance and completed within the required timeframe.
4/15/2021	0.1"-0.3" - 5 Hours *Rainfall occurred on 4/14/2021	1					1			1 on 4/15/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
4/16/2021		1					1			1 on 4/16/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
LANDOWNER/THIRD PARTY 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
4/14/2021	The Environmental Auditor conducted a site evaluation at Yellow Finch Road/MVP-MN-278.01.	The Environmental Auditor observed areas where the ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the LEI regarding monitoring recommendations.
4/5/2021 through 4/18/2021	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 H Project.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread H Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread H 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: 5/2/2021
Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 26 conducted from 4/19/2021 through 5/2/2021 (includes PY-006).											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 4/19/2021 through 5/2/2021 (includes Carry Over Items from 4/18/2021): 18											
Total Number of ODCP Inspections at Laydown Yard PY-006: 6 (4/19/2021 through 4/24/2021); 5 (4/26/2021 through 4/30/2021)											
Total Number of VA DEQ Observations from 4/19/2021 through 5/2/2021: 3											
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 (damaged ESC measures from 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 4/19/2021 through 5/2/2021.											
CARRY OVER ITEMS FROM 4/18/2021											
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
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21 and 4/28/2021 to be completed on 5/6/2021			Engineering design being prepared for slide impact area. Long term extension approval has been granted.
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
4/19/2021	0.1"-0.4" - 3 Hours	1					1			1 on 4/19/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
4/20/2021		2					2			2 on 4/20/2021	Two items were identified requiring repair/maintenance and completed within the required timeframe.
4/23/2021		2					2			2 on 4/23/2021	Two items were identified requiring repair/maintenance and completed within the required timeframe.
4/26/2021	0.4"-0.8" - 11 Hours *Rainfall occurred on 4/24/2021	3					3			3 on 4/27/2021	Three items were identified requiring repair/maintenance and completed within the required timeframe.
4/27/2021		2					2			2 on 4/28/2021	Two items were identified requiring repair/maintenance and completed within the required timeframe.
4/28/2021		1					1			1 on 4/28/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
4/29/2021		3					3			3 on 4/30/2021	Three items were identified requiring repair/maintenance and completed within the required timeframe.
4/30/2021		3					3			3 on 4/30/2021	Three items were identified requiring repair/maintenance and completed within the required timeframe.
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
4/23/2021		2					2			2 on 4/23/2021	Two items were identified requiring repair/maintenance and completed within the required timeframe.
4/29/2021		1					1			1 on 4/30/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.

LANDOWNER/THIRD PARTY 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	
4/20/2021	The Environmental Auditor conducted site evaluations at MVP-MN-268 and MVP-MN-268.01.	The Environmental Auditor observed areas where the ESC measures were installed and functional at the time of the evaluation.	
4/26/2021	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-287 (CIS/GAS), MVP-RO-288 (CIS/GAS) and MVP-MN-276.03 (CIS/GAS).	The Environmental Auditor observed areas where the ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the LEI and provided recommendations to monitor temporarily stabilized areas for erosive conditions and maintain/enhance erosion control measures as necessary.	
4/19/2021 through 5/2/2021	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 H Project.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread H Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread H 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: 5/16/2021
Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 29 conducted from 5/3/2021 through 5/16/2021 (includes PY-006).											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 5/3/2021 through 5/16/2021 (includes Carry Over Items from 5/2/2021): 14											
Total Number of ODCP Inspections at Laydown Yard PY-006: 5 (5/3/2021 through 5/7/2021); 6 (5/10/2021 through 5/15/2021)											
Total Number of VA DEQ Observations from 5/3/2021 through 5/16/2021: 5											
Total Number of Landowner/Third Party Reported Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 2 (wildlife and livestock traffic)											
Total Number of Right of Way Impacts Caused by Weather Related Damage: 1 (fallen tree onto super silt fence due to thunderstorm event)											
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 5/3/2021 through 5/16/2021.											
CARRY OVER ITEMS FROM 5/2/2021											
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
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5 and 5/12/2021 to be completed on 5/20/2021			Engineering design being prepared for slide impact area. Long term extension approval has been granted.
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
5/4/2021	0.0"-0.4" - 7 Hours *Rainfall occurred on 5/3/2021	2					2			2 on 5/4/2021	Two items were identified requiring repair/maintenance and completed within the required timeframe.
5/5/2021	0.0"-0.5" - 1.25 Hours *Strong storms on 5/4/2021	3			1		2			3 on 5/5/2021	Three items were identified requiring repair/maintenance and completed within the required timeframe. One of the identified items was caused by weather related damage (fallen tree).
5/6/2021	0.0"-0.1" - 3.75 Hours *Rainfall occurred on 5/5/2021	2					2			2 on 5/6/2021	Two items were identified requiring repair/maintenance and completed within the required timeframe.
5/7/2021		3					3			3 on 5/7/2021	Three items were identified requiring repair/maintenance and completed within the required timeframe.
5/10/2021	0.0"-0.1" - 2 Hours *Intermittent rainfall occurred on 5/8/2021 and 5/9/2021	2					2			2 on 5/10/2021	Two items were identified requiring repair/maintenance and completed within the required timeframe.
5/13/2021		1					1			1 on 5/14/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
5/3/2021	0.1"-0.3" - 3 Hours	1				1				1 on 5/3/2021	One item was identified requiring repair/maintenance and completed within the required timeframe. The identified item was caused by third party impacts related to livestock traffic.
5/4/2021	0.0"-0.4" - 7 Hours *Rainfall occurred on 5/3/2021	2				1	1			2 on 5/4/2021	Two items were identified requiring repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to wildlife traffic.
5/12/2021		1					1			1 on 5/13/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
5/14/2021		1					1		1 on 5/15/2021		One item was identified requiring repair/maintenance and completed within the required timeframe.

LANDOWNER/THIRD PARTY 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	
5/6/2021	The Environmental Auditor conducted site evaluation at MVP-MN-273 (GAS).	The Environmental Auditor observed areas where the ESC measures were installed and functional at the time of the evaluation.	
5/13/2021	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-288 (CIS/GAS); MVP-RO-287 (CIS/GAS) and MVP-FR-291 (GAS).	The Environmental Auditor observed areas where the ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the LEI to discuss future ESC measure installations at MVP-FR-291 (GAS).	
5/3/2021 through 5/16/2021	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 H Project.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread H Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread H 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: 5/30/2021
Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 26 conducted from 5/17/2021 through 5/30/2021 (includes PY-006).											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 5/17/2021 through 5/30/2021 (includes Carry Over Items from 5/2/2021): 11											
Total Number of ODCP Inspections at Laydown Yard PY-006: 6 (5/17/2021 through 5/22/2021); 6 (5/24/2021 through 5/29/2021): A minor spill was identified near the secondary containment adjacent to the welding tent on 5/17/2021. The contractor was notified and the spill was immediately cleaned up on the same day (5/17/2021).											
Total Number of VA DEQ Observations from 5/17/2021 through 5/30/2021: 2											
Total Number of Landowner/Third Party Reported Complaints: 1 (A third party complaint was submitted to the US Army Corps of Engineers (USACOE) on May 28, 2021. The ESC portion of the complaint cited "harm to Virginia's water resources and environment." The complainant cited the grubbing operations occurring on a steep slope and provided affiliated photo documentation of the construction activities. The complainant further cited that the ESC measures installed on the slope will "NOT be able to contain the sediment flow" as "there is no doubt run-off from the ROW will occur during a forecasted weather event. Based on communications and coordination with the Spread H Environmental Inspection staff, an Environmental Inspector (EI) is present throughout the day to oversee that all ESC measures are properly installed and functional. Refer to Landowner/Third Party Reported Complaints below for further discussion).											
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 (damaged ESC measures from 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 5/17/2021 through 5/30/2021.											
CARRY OVER ITEMS FROM 5/16/2021											
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
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 5/12, 5/19 and 5/26/2021 to be completed on 6/3/2021			Engineering design being prepared for slide impact area. Long term extension approval has been granted.
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
5/17/2021	0.0"-0.1" - 2 Hours *Rainfall occurred on 5/16/2021	1					1			1 on 5/17/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
5/18/2021	0.1"-0.2" - 3 Hours *Rainfall occurred on 5/17/2021	1					1			1 on 5/18/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
5/19/2021		2				1	1			2 on 5/19/2021	Two items were identified requiring repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to livestock traffic.
5/22/2021		1					1			1 on 5/22/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
5/26/2021	0.0"-0.2" - 2.5 Hours *Rainfall occurred on 5/25/2021	1					1			1 on 5/26/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
5/27/2021		2					2		1 on 5/28/2021	1 on 5/27/2021	Two items were identified requiring repair/maintenance and completed within the required timeframe.
5/28/2021		1					1			1 on 5/28/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
5/29/2021	0.3"-1.5" - 16 Hours *Rainfall with heavier short duration intervals occurred 5/28/2021 through 5/29/2021	1					1			1 on 5/29/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.

VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
5/25/2021	0.0"-0.8" - 3.5 Hours *Rainfall occurred late on 5/24/2021	2					2		2 on 5/26/2021		Two items were identified requiring repair/maintenance and completed within the required timeframe.
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS											
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE						TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
5/28/2021	MVP-FR-291 (GAS) - MVP-FR-292 (CIS)						1			A third party complaint was submitted to the US Army Corps of Engineers (USACOE) on May 28, 2021. The ESC portion of the complaint cited "harm to Virginia's water resources and environment." The complainant cited the grubbing operations occurring on a steep slope and provided affiliated photo documentation of the construction activities. The complainant further cited that the ESC measures installed on the slope will "NOT be able to contain the sediment flow" as "there is no doubt run-off from the ROW will occur during a forecasted weather event. Based on communications and coordination with the Spread H Environmental Inspection staff, an Environmental Inspector (EI) is present throughout the day to oversee that all ESC measures are properly installed and functional. No issues were reported during this reporting period. The distance from the edge of the current construction activities to S-D14 and S-D17 is approximately 1,300 feet. The Environmental Auditor will be conducting a site visit on 5/31/2021 and a follow up summary will be noted in the June 13,2021 Bi-Weekly Report.	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS							CONCLUSION AND RECOMMENDATIONS			
5/20/2021	The Environmental Auditor conducted site evaluations at the following locations: MVP-FR-291 (GAS), MVP-RO-280 (GAS) and MVP-MLV-AR-29.01 (CIS).							The Environmental Auditor observed areas where the ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the LEI and EI to discuss future ESC measure installations at MVP-MLV-AR-29.01 (CIS).			
5/25/2021	The Environmental Auditor conducted site evaluations at MVP-RO-280 (GAS) and MVP-MLV-AR-29.01 (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 proper installation of ESC measures.			
5/27/2021	The Environmental Auditor conducted a site evaluation at MVP-MLV-AR-29.01 (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 proper installation of ESC measures.			
5/17/2021 through 5/30/2021	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 H Project.							The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread H Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread H 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: 6/13/2021 (Memorial Day Holiday on 5/31/2021)
Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 25 conducted from 5/31/2021 through 6/13/2021 (includes PY-006)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 5/31/2021 through 6/13/2021 (includes Carry Over Items from 5/30/2021): 29											
Total Number of ODCP Inspections at Laydown Yard PY-006: 5 (6/1/2021 through 6/5/2021); 6 (6/7/2021 through 6/12/2021)											
Total Number of VA DEQ Observations from 5/31/2021 through 6/13/2021: 10											
Total Number of Landowner/Third Party Reported Complaints: 0 (1 Continued/Follow Up from the 5/30/2021 Bi-Weekly Report)											
Total Number of Right of Way Impacts Caused by Third Parties: 0											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris): 0											
Total Number of Off Right of Way Impacts: 9 (1. One off right of way disturbance occurred outside the right of way by the contractor on 6/1/2021. An Agency Compliance Form (Noncompliance Report #623) was submitted by the Spread H Environmental Inspection staff on 6/1/2021. Based on the report the contractor grading crew disturbed an area outside the right of way where survey stakes had been knocked over by cattle in this area. Upon approval from the landowner, topsoil was restored and the area was stabilized within the required timeframe. The Spread H Environmental inspection staff communicated/coordinated with the contractor grading foreman and moving forward the contractor will coordinate with the inspection staff to verify survey stakes are in place prior to proceeding with forward construction activities. Refer to Environmental Auditor Field Observations and Recommendations below. 2. Eight off right of way impacted areas experienced high intensity/short duration rainfall events on 6/10/2021 and 6/11/2021. These storm events resulted in approximately 1.2 inches in 1.5 hours and 1.9-2.2 inches in 24 hours, respectively. The off right of way sediment at four locations (2 on 6/11/2021 and 2 on 6/12/2021) was removed and ESC measures were repaired/maintained and interim measures installed immediately upon discovery. Agency Compliance Forms (Noncompliance Report #625 and Problem Area Reports #627, #628, #630 and #631) were submitted by the LEI. The Noncompliance Report #625 was submitted due to the contractor not installing the required ESC measures (waterbar slope drains and end sumps) which resulted in two off right of way impacts. The remaining four off right of way sediment impacts (6/12/2021) will be addressed upon landowner approvals. The Environmental Auditor will evaluate the impacted areas the week of 6/14/2021 and provide additional recommendations as needed. Refer to Environmental Inspector/VADEQ Observations, Environmental Auditor Field Observations and Recommendations and Required Findings and Conclusions below for further discussion).											
Total Number of Environmental Resource Impacts: 1 (The impacted area (S-D17) experienced high intensity/short duration rainfall events through 6/12/2021 which produced approximately 1.9 inches in 24 hours. This area also received approximately 1.2 inches in 1.5 hours on 6/10/2021. The sediment was retrieved from the stream on 6/12/2021. The Environmental Auditor will evaluate the impacted area the week of 6/14/2021 and provide additional recommendations as needed. Refer to Environmental Inspector Observations below).											
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 5/31/2021 through 6/13/2021.											
CARRY OVER ITEMS FROM 5/30/2021											
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
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 5/12, 5/19, 6/2 and 6/9/2021 to be completed on 6/17/2021			Engineering design being prepared for slide impact area. Long term extension approval has been granted.
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
6/1/2021		1		1			1		1 on 6/1/2021 (Immediate Priority)		One item was identified requiring repair/maintenance and completed within the required timeframe. The identified item was related to contractor grading activities occurring outside the right of way limit of disturbance. An Agency Compliance Form (Noncompliance Report #623) was submitted on 6/1/2021 by the Spread H Environmental Inspection staff. Refer to Environmental Auditor Field Observations and Recommendations and Required Findings and Conclusions below for further discussion.
6/3/2021		1					1			1 on 6/4/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
6/4/2021		2					2		1 on 6/4/2021	1 on 6/4/2021	Two items were identified requiring repair/maintenance and completed within the required timeframe.
6/8/2021	0.0"-0.1" - 1 Hour *Rainfall occurred on 6/7/2021	3					3		1 on 6/9/2021	1 on 6/8/2021 1 on 6/9/2021	Three items were identified requiring repair/maintenance and completed within the required timeframe.
6/10/2021	0.2"-1.5" - 2.5 Hours *Scattered strong thunderstorms occurred on 6/8/2021 and 6/9/2021	2		2					2 on 6/11/2021		Two of the identified items were identified as off right of way sediment impacts approximately 100 and 15 feet off right of way within upland areas. A high intensity/short duration rainfall event caused sediment controls to become overwhelmed. One location (15 feet off right of way impact) did not have the required ESC measures installed (waterbar slope drains and end sumps). The impacted ESC measures were repaired/maintained as allowable due to saturated conditions, additional interim ESC measures were installed and off right of way sediment clean up and stabilization occurred at both locations. No resources were impacted. An Agency Compliance Form (Noncompliance Report #625) was submitted on 6/10/2021 by the Spread H LEI due to ESC measures not being installed per the approved ESC Plans. The Environmental Auditor will evaluate both locations and provide immediate and long term recommendations.
6/11/2021	0.3"-1.7" - 1.5 Hours *Scattered strong thunderstorms occurred on 6/10/2021	4					4	1 on 6/11 and 6/13/2021 to be completed on 6/14/2021		1 on 6/11/2021	Four items were identified requiring repair/maintenance and one was completed within the required timeframe. An extension request for one item was submitted and approved due to saturated conditions. The remaining two items have three days to be completed.
6/12/2021	0.4"-2.2" - 2.75 Hours *Short Duration/High Intensity Thunderstorms	15	1	6 (1 item noted in NCR #625 and Sediment Tracker)			8	2 on 6/12 and 6/13/2021 to be completed on 6/14/2021		3 on 6/12/2021 (2 off right of way upland impacts) (1 stream impact)	Fifteen items were identified requiring repair/maintenance and three items were completed within the required timeframe. Six of the items were identified as off right of way sediment impacts approximately 75, 150, 15, 15, 10 and 20 feet off the right of way within upland locations. The off right of way impact which traveled approximately 150 feet resulted in an environmental resource impact at S-D17. The sediment overwhelmed the sediment control measures and traveled approximately 150-feet to S-D17 which subsequently traveled over 1,000 feet within the stream. It should be noted that approximately 400 feet (+/-) of the impacts were incurred along a portion of the stream that was diverted from its historic stream channel (S-D14) by pre-existing logging activities. Interim ESC measures were immediately installed by hand due to saturated conditions and all ESC measures were repaired within the required timeframe at all 6 locations. Off right of way sediment cleanup/stabilization occurred in three of the identified locations (upland and S-D17) within the required timeframe. A high intensity/short duration rainfall event caused sediment controls to become overwhelmed with a reoccurring impact at the location where ESC measures (waterbar slope drains and end sumps) were not installed by the contractor. Agency Compliance Forms (Problem Area Reports #627, #628, #630 and #631 and the revised Noncompliance Report #625) were submitted on 6/12/2021 by the Spread H LEI. The Environmental Auditor will evaluate the locations and provide immediate and long term recommendations. Landowner permission has been requested to address the four remaining off right of way impacts. Extension requests were submitted and approved for two items. The remaining six 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
6/12/2021	0.4"-2.2" - 2.75 Hours *Short Duration/High Intensity Thunderstorms	10 (2 additional observations are redundant with the EI observations)					10	4 on 6/13/2021 to be completed on 6/14/2021			Ten items were identified requiring repair/maintenance. Two additional items identified the same off right of way sediment impacts initially observed by the EI and are documented in the Environmental Inspector Observations to avoid redundancy. Four of the identified items received extension request approvals. The remaining 6 items have three days to be completed.
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS											
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE						TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
5/28/2021 (Continued from 5/30/2021 Bi-Weekly Report)	MVP-FR-291 (GAS) - MVP-FR-292 (CIS)						1 (Continued/Follow Up from 5/30/2021 Bi-Weekly Report)			Follow-up from the 5/30/2021 Bi-Weekly Report: The Environmental Auditor and the Chief EI conducted a site visit on 5/31/2021 to MVP-FR-292 as a follow up to the Complaint. No issues were observed at the S-D14/S-D17 stream where the proposed crossing will occur. The right of way remains fully vegetated and the current construction activities were approximately 1,300 feet west of the stream location. Erosion and sediment control measures were observed to be installed and functional where construction activities were occurring.	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS						CONCLUSION AND RECOMMENDATIONS				
5/31/2021	The Environmental Auditor conducted a site evaluation at MVP-FR-292 (CIS).						The Environmental Auditor conducted an evaluation based on the a complaint dated 5/28/2021. The construction activities were approximately 1,300 feet to the west of the nearest resource and no impacts were observed at the time of the evaluation.				
6/2/2021	The Environmental Auditor conducted site evaluations at the following locations: MVP-MLV-AR-29.01 (GAS), MVP-RO-280 (GAS) and MVP-RO-281 (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 Spread H Environmental staff regarding observations and recommendations related to upcoming installation of ESC measures and installing enhanced ESC measures.				
6/7/2021	The Environmental Auditor conducted a site evaluation at Flanders Road (CIS).						The Environmental Auditor observed locations where the ESC measures were installed and functional at the time of the evaluation.				
6/8/2021	The Environmental Auditor conducted a site evaluation at MVP-FR-291 (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 Spread H Environmental staff regarding observations and recommendations related ESC measure installation and provided guidance related to waterbars and affiliated slope drains installation.				
6/9/2021	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-280 (GAS), MVP-RO-288 (GAS) and MVP-RO-287 (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 Spread H Environmental staff regarding observations and recommendations related to installing enhanced ESC measures.				
5/31/2021 through 6/13/2021	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports, SWPPP Inspection Reports and Agency Compliance forms to be compliant during this reporting period for the Spread H Project. However, the following non-compliance events occurred during this reporting period: 1. An off right of way disturbance occurred outside the right of way by the contractor on 6/1/2021. An Agency Compliance Form (Noncompliance Report #623) was submitted by the Spread H Environmental Inspection staff on 6/1/2021. Based on the report the contractor grading crew disturbed an area outside the right of way where survey stakes had been knocked over by cattle in this area. Upon approval from the landowner, topsoil was restored and the area was stabilized. The Spread H Environmental inspection staff communicated/coordinated with the contractor grading foreman and moving forward the contractor will confer with the inspection staff to verify survey stakes are in place prior to proceeding with forward construction activities. 2. One off right of way sediment impact occurred on 6/10/2021 and one off right of way sediment impact reoccurred on 6/12/2021 due to the contractor not installing ESC measures (waterbar slope drains and end sumps) per the approved ESC Plans. An Agency Compliance Form (Noncompliance Report #625) was completed and submitted by the Spread H LEI on 6/10/2021 and subsequently revised on 6/12/2021. A Stop Work Order effective until all ESC measures are properly installed was issued by the Spread H Construction Manager for the entire Spread H Project on 6/12/2021. The Environmental Auditor verified via the daily punch list and communication with the Spread H LEI that ESC measures were in the process of being repaired/maintained and additional interim measures installed via the contractor laborers. Landowner permission was granted, the off right of way sediment was retrieved and the impacted areas stabilized on 6/11/2021 and 6/12/2021, respectively.						The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread H Project. Based on the SWPPP, MVP Punchlist findings, Agency Compliance Reports and communication with the Spread H 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: 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. Additional communication/oversight between the MVP Environmental, Construction and Contractor staff should occur 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	An Agency Compliance Form (Noncompliance Report #625) was submitted on 6/10/2021 and revised on 6/12/2021 due to off right of way sediment impacts from an active construction area. Upon a field inspection conducted by the Spread H Environmental inspection staff, it was noted that waterbar slope drain pipes and sumps were not installed per the required ESC Plans on a fill slope resulting in off right of way sediment impacts. No environmental resources were impacted and landowner permission was granted to retrieve the sediment which travelled approximately 15 and 75 feet off right of way. On 6/11/2021 the ESC measures were repaired/maintained as allowable due to saturated conditions, additional ESC measures were installed, off right of way sediment clean up and stabilization occurred at both locations. The Spread H LEI discussed this issue with the contractor management/laborers, the MVP Environmental/Construction staff and the Environmental Auditor. The Environmental Auditor met onsite with the EI and contractor foreman on 6/8/2021 to discuss waterbar and slope drain pipe installation. The Environmental Auditor communicated with the LEI on 6/9/2021 and discussed removing the pipes as needed to complete slope construction throughout the day and reinstalling prior to a runoff event and at the end of each work day. 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 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										

MOUNTAIN VALLEY PIPELINE
SPREAD H
ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 6/14/2021 through 6/27/2021

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

Report Period Ending: 6/27/2021
Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 28 conducted from 6/14/2021 through 6/27/2021 (includes PY-006)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 6/14/2021 through 6/27/2021 (includes Carry Over Items from 6/13/2021): 38											
Total Number of ODCP Inspections at Laydown Yard PY-006: 6 (6/14/2021 through 6/19/2021); 6 (6/21/2021 through 6/26/2021)											
Total Number of VA DEQ Observations from 6/14/2021 through 6/27/2021: 13											
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 (damaged ESC measures from fallen debris): 0											
Total Number of Off Right of Way Impacts: 6 (The impacted areas experienced a high intensity/short duration rainfall event on 6/13/2021. A storm event resulted in approximately 1.3 inches in 1.5 hours in 5 locations and 1.1 inches in 2.5 hours in one location. The ESC measures were repaired/maintained and enhanced, the off right of way sediment at 5 locations was retrieved and the impacted areas were temporarily stabilized. The Noncompliance Report #625 was revised due to reoccurring impacts at one location due to ESC measures (waterbar slope drains and end sumps) not installed by the contractor. One off right of way sediment impact has been extended indefinitely as landowner approval has not been granted. The ESC measures in this location were repaired/maintained and enhanced. The Environmental Auditor evaluated the impacted areas the week of 6/14/2021 and provided additional recommendations as needed. Refer to Environmental Inspector/VADEQ 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 6/14/2021 through 6/27/2021.											
CARRY OVER ITEMS FROM 6/13/2021											
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
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 5/12, 5/19, 6/2, 6/9 and 6/16/2021 to be completed on 7/17/2021.			Engineering design being prepared for slide impact area. A long term extension approval has been granted.
6/11/2021		3					3	1 on 6/12, 6/13, 6/14, 6/15 and 6/16/2021 to be completed on 6/17/2021 2 on 6/14/2021 to be completed on 6/17/2021	1 on 6/17/2021	2 on 6/16/2021	Three items were identified requiring repair/maintenance and completed within the required timeframe. These items received extension request approvals due to saturated conditions.
6/12/2021		22		4			18	4 off right of way impacts awaiting landowner approval 1 on 6/12 and 6/13/2021 to be completed on 6/14/2021 1 on 6/12, 6/13/, 6/14 and 6/15/2021 to be completed on 6/16/2021 (Env. Inspector) 2 on 6/15/2021 to be completed on 6/18/2021 (Env. Inspector) 3 on 6/12 and 6/13/2021 to be completed on 6/14/2021 1 on 6/12, 6/13, 6/14 and 6/15 to be completed on 6/16/2021 2 on 6/15 to be completed on 6/18/2021 (VA DEQ Observations) 3 on 6/14/2021 1 extended indefinitely (Off right of way impacts) 1 on 6/14/2021 1 on 6/15/2021 (EI) 3 on 6/14/2021 1 on 6/15/2021 1 on 6/16/2021 (VADEQ)		1 on 6/14/2021 (VADEQ) 6 on 6/15/2021 (2 VADEQ/4 EI) 4 on 6/16/2021 (2 VADEQ/2 EI)	Twenty-two items were identified requiring repair/maintenance and completed within the required timeframe. Four of the identified items were related to off right of way sediment impacts noted in the 6/13/2021 Bi-Weekly Report and were awaiting landowner approvals. Three of the off right of way impacts received landowner approvals, sediment was retrieved and the impacted areas were stabilized. One of the off right of way items did not receive landowner approval and have been extended indefinitely. The remaining completed items received additional extension request approvals due to saturated conditions.
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
6/14/2021	0.6"-2.1" - 3.5 Hours *High intensity/short duration storm event occurred late evening on 6/13/2021	5		5					4 on 6/14/2021 1 extended indefinitely due to restricted access		Five of the identified items were identified as off right of way sediment impacts approximately 5, 8, 5, 5 and 25-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 at all 5 locations and off right of way sediment clean up/temporary stabilization activities occurred at four of the locations. Landowner approval has not been granted to retrieve sediment and conduct stabilization activities at one of the locations and this item has been extended indefinitely. No resources were impacted. The Environmental Auditor evaluated the locations on 6/16/2021. Recommendations related to installing enhanced ESC measures were communicated to the EI and LEI.
6/18/2021		1					1			1 on 6/18/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
6/19/2021		1					1			1 on 6/19/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
6/21/2021		5					5			5 on 6/21/2021	Five items were identified requiring repair/maintenance and completed within the required timeframe.
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
6/14/2021	0.6"-2.1" - 3.5 Hours *High intensity/short duration storm event occurred late evening on 6/13/2021	11		1			10		7 on 6/15/2021	3 on 6/15/2021 1 on 6/17/2021	Eleven items were identified requiring repair/maintenance and completed within the required timeframe. One of the identified items was identified as an off right of way sediment impact approximately 700-feet off right of way within an upland area. A high intensity/short duration rainfall event coupled with ESC measures not installed per the ESC Plans caused sediment controls to become overwhelmed. The impacted ESC measures were repaired/maintained, the waterbar slope drain pipes and end sumps installed and off right of way sediment clean up/temporary stabilization activities occurred throughout the impact area. No resources were impacted. An existing Agency Compliance Form (Noncompliance Report #625) for this location was submitted on 6/11/2021 by the Spread H LEI. The Environmental Auditor evaluated the location on 6/14/2021 and observed the waterbar slope drains and end sumps installation in progress. Recommendations related to installing enhanced ESC measures were communicated to the EI and LEI.
6/15/2021		1					1	1 on 6/15 and 6/16/2021 to be completed on 6/17/2021	1 on 6/17/2021		One item was identified requiring repair/maintenance and completed within the required timeframe via an extension request approval due to saturated conditions.
6/19/2021		1					1			1 on 6/19/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.

LANDOWNER/THIRD PARTY 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	
6/14/2021	The Environmental Auditor conducted a site evaluation at MVP-FR-292 (CIS).	The Environmental Auditor evaluated locations impacted by recent high intensity/short duration runoff events. The Environmental Auditor observed locations where ESC measures were being installed and repaired/maintained and off right of way sediment impacts being addressed at the time of the evaluation. The Environmental Auditor communicated with the Spread H Environmental staff regarding observations and recommendations related to proper ESC measures installation and installing enhanced ESC measures.	
6/16/2021	The Environmental Auditor conducted site evaluations at the following locations: MVP-FR-292.01/MVP-MLV-AR-29 (CIS), MVP-FR-292 (CIS) and MVP-RO-280 (GAS).	The Environmental Auditor evaluated locations impacted by recent high intensity/short duration runoff events. The Environmental Auditor observed locations where ESC measures were repaired/maintained and off right of way sediment impacts addressed at the time of the evaluation. The Environmental Auditor communicated with the Spread H Environmental staff regarding observations and recommendations related to proper ESC measures installation and installing enhanced ESC measures.	
6/21/2021	The Environmental Auditor conducted a site evaluation at MVP-FR-292 (CIS).	The Environmental Auditor observed locations where the ESC measures were being installed at the time of the evaluation.	
6/22/2021	The Environmental Auditor conducted a site evaluation at MVP-FR-291 (GAS) to MVP-FR-292 (CIS).	The Environmental Auditor observed locations where the ESC measures were installed and functional at the time of the evaluation.	
6/23/2021	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-280 (GAS), MVP-RO-288 (GAS) and MVP-RO-287 (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 Spread H Environmental staff regarding observations and recommendations related to proper ESC measure installation and installing enhanced ESC measures as needed.	
6/14/2021 through 6/27/2021	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 H Project. However, off right of way sediment impacts were identified by the EI on 6/10/2021 and 6/12/2021 (See 6/13/2021 Bi-Weekly Report) due to the contractor not installing ESC measures (waterbar slope drains and end sumps) per the approved ESC Plans. On 6/14/2021 the VADEQ observed an additional off right of way impact that traveled approximately 700 feet off right of way at the same location. An Agency Compliance Form (Noncompliance Report #625) was completed and submitted by the Spread H LEI on 6/10/2021 and subsequently revised on 6/12/2021. A Stop Work Order effective until all ESC measures are properly installed was issued by the Spread H Construction Manager for the entire project on 6/12/2021. Off right of way sediment clean up/stabilization and the waterbar slope drains and end sumps were completed on 6/17/2021. The self-implemented Stop Work Order was lifted on 6/18/2021.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring and installing enhanced ESC measures as needed throughout the Spread H Project. Based on the SWPPP, MVP Punchlist findings, Agency Compliance Reports and communication with the Spread H 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 (VESCCL) and the Stormwater Management Act Linear Entity: 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. Additional communication/oversight between the MVP Environmental, Construction and Contractor staff should occur 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	Agency Compliance Form (Noncompliance Report #625) was submitted on 6/10/2021 and revised on 6/12/2021 due to off right of way sediment impacts from an active construction area (See 6/13/2021 Bi-Weekly Report). Upon a field inspection conducted by the VADEQ, it was noted that waterbar slope drain pipes and sumps were not installed per the required ESC Plans on a fill slope resulting in an off right of way sediment impact that traveled approximately 700 feet off right of way. No environmental resources were impacted and landowner permission was granted to retrieve the sediment. A Stop Work Order effective until all ESC measures are properly installed was issued by the Spread H Construction Manager for the entire project on 6/12/2021. Off right of way sediment clean up/stabilization and the waterbar slope drains and end sumps were completed on 6/17/2021. The self-implemented Stop Work Order was lifted on 6/18/2021.. 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 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		

MOUNTAIN VALLEY PIPELINE

SPREAD **H**

ENVIRONMENTAL AUDITOR PARTIAL BI-WEEKLY REPORT - 6/28/2021 through 6/30/2021

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

Report Period Ending: 6/30/2021
Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 9 conducted from 6/28/2021 through 6/30/2021 (includes PY-006)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 6/28/2021 through 6/30/2021 (includes Carry Over Items from 6/27/2021): 6											
Total Number of ODCP Inspections at Laydown Yard PY-006: 3 (6/28/2021 through 6/30/2021)											
Total Number of VA DEQ Observations from 6/28/2021 through 6/30/2021: 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 (damaged ESC measures from 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 6/28/2021 through 6/30/2021.											
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
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 5/12, 5/19, 6/2, 6/9 and 6/16/2021 to be completed on 7/17/2021			Engineering design being prepared for slide impact area. A long term extension approval has been granted.
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		2					2			1 on 6/28/2021 1 on 6/29/2021	Two items were identified requiring repair/maintenance and completed within the required timeframe.
6/29/2021		3					3		1 on 6/30/2021	2 on 6/30/2021	Three items were identified requiring repair/maintenance and completed within the required timeframe.
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
LANDOWNER/THIRD PARTY 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			
6/29/2021	The Environmental Auditor conducted a site evaluation at MVP-FR-292 (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 H Environmental staff regarding observations and recommendations related to proper ESC measures installation and installing enhanced ESC measures.			
6/28/2021 through 6/30/2021	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 H Project.							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 Lead Environmental Inspector, the Spread H 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										