



**Mountain Valley Pipeline Project  
Environmental Auditor  
Quarterly Reports for Q3 2023  
October 15, 2023**

James J. Golden  
DEQ Director of Regional Operations  
Piedmont Regional Director  
Virginia Department of Environmental Quality  
P.O. Box 1105  
Richmond, VA 23218

Todd L. Normane  
SVP, Chief Sustainability Officer  
Equitrans Midstream Corporation  
2200 Energy Drive  
Canonsburg, PA 15317

Dear Mr. Golden and Mr. Normane:

Please find the Q3 2023 Environmental Auditor Quarterly Reports including the required Bi-Weekly Reports per my review of the Mountain Valley Pipeline (MVP). These reports are provided in accordance with the Consent Decree between the Department of Environmental Quality (DEQ) and MVP. Separate reports are included for each Virginia construction spread (G, H, and I).

As you are aware, the Consent Decree requires that the Environmental Auditor prepare multiple reports. The Quarterly Report for Q3 2023 is due on or before October 15, 2023. Additionally, bi-weekly reports are to be prepared and attached to the quarterly reports.

Sincerely,

A handwritten signature in black ink that reads 'Joe Crea'.

Joe Crea, CPESC, CPSWQ  
Tetra Tech



# Mountain Valley Pipeline Project – Spread G

## Environmental Auditor Quarterly Report for Q3 2023

### October 15, 2023

---

#### **Environmental Auditor Contact Information**

Joe Crea, CPESC, CPSWQ  
Tetra Tech  
661 Anderson Drive, Suite 200  
Pittsburgh, Pennsylvania 15220

#### **I. Introduction**

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

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

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

- Giles, Craig, and Montgomery Counties
  - 10466+00-10487+29
  - 10487+29-10599+95
  - 10599+95-10654+00
  - 10654+00-11064+53
  - 11064+53-11524+16
  - 11524+16-11600+01 - Includes Sinking Creek Mountain (Jefferson National Forest)
  - 11600+01-12005+00
  - 11618+91-11669+87 - Brush Mountain (Jefferson National Forest)
  - 11669+87-12005+00
  - Laydown Yards: LY-026, LY-028 and LY-029

Inspections did not occur from July 1, 2023 through September 30, 2023 (Q3 reporting period) between approximate stations 10377+20-10460+00 as earth disturbance activities have not commenced within these areas.

Forward construction progress occurred in the following areas on Spread G during the Q3 reporting period.

- 10655+00-10466+00

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

- 11167+83 to 11222+25
- 11443+50 to 11367+00
- 11548+00 to 11526+57
- 11792+00 to 12002+00
- 11145+50 to 11071+80

## **II. Information Reviewed to Prepare Quarterly Report**

The Environmental Auditor utilized the following resources to assist with evaluating project compliance throughout the Q3 reporting period:

- Daily MVP Punch Lists (includes VADEQ findings);
- Environmental Auditor Bi-Weekly Reports;
- Weekly meetings with MVP staff and the LEIs;
- Stormwater Pollution Prevention Plan VSIRs;
- Spread G Rain Gauge Data;
- Spread G Scatter Sheets (Contractor Available Resources and Daily Work Locations);
- Annual Project Specific Standards and Specifications;
- Oil Discharge Contingency Plan (ODCP) Inspection reports;
- Stormwater Pollution Prevention Plans, Erosion and Sediment Control Plans, and Post Construction Stormwater Management Plans;
- MVP 48-Hour Aquatic Resource Notifications;
- VA Off Right of Way Sediment Impact Tracker Spreadsheet;
- Agency Compliance Forms (Problem Areas Reports);
- Landowner/Third party complaints submitted to the VADEQ on 9/5/2023, 9/9/2023, and 9/10/2023 (Source: VADEQ website);
- Notice of Force Majeure Declaration and supporting documentation submitted on 7/24/2023; and
- Notice of Force Majeure Declaration and supporting documentation submitted 9/20/2023.

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

The following sections III. through VI. provide an overall summary for the Q3 reporting period. **Please refer to the attached Environmental Auditor Bi-Weekly Reports for further detailed information.**

### **III. Quarterly Summary of Environmental Inspector Observations**

During the Q3 2023 reporting period active construction commenced and per Table G-1A, the EIs observed a total of 377 daily punchlist items requiring repair/maintenance. The Environmental Auditor noted 50 items identified by the EIs as ESC measures damaged due to impacts caused by third party activities related to wildlife traffic, livestock traffic, and landowner traffic. The ESC measures were subsequently repaired/maintained within the required timeframes and no environmental resources were impacted due to the third party impacts.

During the Q3 reporting period the Spread G Environmental inspection staff observed one off right of way impact within an upland location and two environmental resource impacts at S-MM17 and S-EF22. On 7/14/2023, the EI identified an off right of way impact within an upland location west of MVP-GI-256.02/Old Furnace Road as a result of a heavy storm event that occurred early morning on 7/14/2023. The storm event caused a waterbar end sump to be overwhelmed and sediment traveled approximately 30 feet off right of way. The impacted ESC measures were repaired/maintained and enhanced. Landowner access was granted, off right of way sediment cleanup and stabilization occurred within the required timeframe. No environmental resources were impacted. An Agency Compliance Form (Problem Area Report #715) was submitted by the EI on 7/14/2023. **Refer to Section VI. below for further discussion.**

On 7/14/2023, the EI identified an environmental resource impact at S-MM17 adjacent to the MVP-GI-253.02/Seven Oaks access road as a result of a heavy storm event that occurred early morning on 7/14/2023. The rainfall event caused gravel to become displaced from the access road causing the ESC measures to become overwhelmed subsequently depositing gravel within S-MM17. The gravel impacted approximately 50 feet of the stream. The ESC measures were repaired/maintained and enhanced, the VADEQ notified, landowner access granted, off right of way gravel cleaned up and stabilization occurred within the required timeframe. An Agency Compliance Form (Problem Area Report #711) was submitted by the LEI on 7/14/2023. A Notice of Force Majeure was submitted to the VADEQ on 7/24/2023 due to the magnitude of the rainfall event. Prior to this event, the Environmental Auditor and supporting SWPPP VSIR inspections conducted by the Spread G Environmental inspection staff observed the access road stabilized and the ESC measures installed and functional. The Spread G Environmental inspection staff continues to monitor this location and provide documentation within the respective SWPPP VSIRs. A Notice of Force Majeure Declaration and supporting documentation was submitted to the VADEQ on 7/24/2023 due to the magnitude of the rainfall event. **Refer to Section VI. below for further discussion.**

On 9/10/2023, the EI identified an environmental resource impact at S-EF22 ( MVP-MN-266) due to access road gravel washout caused by a high intensity/short duration storm event that occurred on 9/9/2023. The storm event caused gravel to become displaced, overwhelming the ESC measures, and impacting approximately 200 feet throughout scattered locations within S-EF22. It should be noted that no active project related construction activity occurred within the right of way at this location; however, the access road is utilized by third party vehicles. The VADEQ was immediately notified, gravel retrieved at locations throughout the stream, and ESC measures repaired/enhanced. A Notice of Force Majeure Declaration and supporting documentation was submitted to the VADEQ on 9/20/2023 due to the magnitude of the storm event. **Refer to Section VI. below for further discussion.**

The Environmental Auditor was notified on 7/24/2023 by the MVP Environmental staff regarding a reportable spill over 25 gallons that occurred on 7/21/2023. The spill, which occurred during vehicle maintenance activities, was contained, contaminated soils/rock excavated, placed into plastic lined waste dumpsters for transport to an approved disposal site, and new soil and a gravel surface added to the impacted area. Agencies were immediately notified and no off right of way or environmental resources were impacted. **Refer to Section VI. below for further discussion.**

During the Q3 reporting period all items provided on the punchlist were communicated to the contractor Environmental staff and addressed within the VADEQ approved timeframe (24 hours/Three Days or as extended by VADEQ authorization). **Refer to the respective Bi-Weekly Reports for further discussion.**

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

**Table G-1A**

Spread G Environmental Inspector Observations: July 1, 2023 - September 30, 2023					
Monthly Observation	Total Number Observations	Environmental Resource Impacts	Off Right of Way Impacts	Right of Way Impacts Caused by Third Parties	Weather Related Damage
July 2023	*208	1	1	49	0
August 2023	60	0	0	1	0
September 2023	109	1	0	0	0

\*Includes Carry Over Items

The EIs conducted a total of 320 SWPPP inspections and provided respective VSIRs throughout the Q3 reporting period. Upon review of the SWPPP VSIRs, the EIs observations were communicated to the contractor and noted issues were repaired/maintained and/or enhanced within the VADEQ approved timeframe (24 Hours/Three Days or as extended by VADEQ authorization).

The ODCP inspectors conducted ODCP site inspections at Laydown Yard 026 throughout the Q3 reporting period. Twenty-five inspections were conducted in July, 29 inspections were conducted in August, and 25 inspections were conducted in September. No spills were observed during the ODCP inspections on Spread G throughout the Q3 reporting period.

An approximate total of 24 recordable precipitation events occurred during the Q3 reporting period. On early morning 7/14/2023, a storm event with intervals of high intensity/short duration rainfall produced approximately 3.9 inches of rainfall in 5 hours. This event caused ESC measures throughout portions of an access road (MVP-GI-253.02) to become overwhelmed resulting in gravel impacts within an environmental resource (S-MM17). The environmental resource impact was identified by the Spread G Environmental inspection staff on 7/14/2023. This storm also resulted in an off right of way impact within an upland area at another location causing ESC measures to become overwhelmed. This impact was identified by the Spread G Environmental inspection staff on 7/14/2023. **Refer to discussion above, Table G-1B, and Section VI. for further discussion.**

On 9/9/2023 an isolated storm event with high intensity/short duration rainfall produced approximately 3 inches of rainfall in one hour. This event caused ESC measures adjacent to an environmental resource (SEF22) to become overwhelmed resulting in gravel impacts. The environmental resource impact was identified by the Spread G Environmental inspection staff on 9/10/2023. **Refer to discussion above, Table G-1B, and Section VI. for further discussion.**

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

**Table G-1B**

Spread G Rainfall and Duration Rates: July 1, 2023 - September 30, 2023					
July		August		September	
Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
7/2/2023	0.0"-0.3" - .5 Hours	8/3/2023	0.35"-1.0" - 7 Hours	9/8/2023	0.1"-1.1" - 1 Hour *Scattered storms with areas of high intensity/short duration rainfall occurred on 9/7/2023
7/5/2023	0.0"-1.0" - .25 Hours	8/7/2023	0.0"-1.1" - 2 Hours *Scattered storms occurred on 8/6/2023	9/9/2023	0.0"-0.8" - 1 Hour *Isolated storms with high intensity/short duration rainfall occurred on 9/8/2023
7/6/2023	0.0"-1.0" - .25 Hours *Isolated storms occurred on 7/5/2023	8/10/2023	0.2"-0.5" - 6 Hours *Rainfall occurred on 8/9/2023	9/10/2023	0.1"-3.0" - 1 Hour *Isolated storms with areas of high intensity/short duration rainfall occurred on 9/9/2023
7/10/2023	0.2"-0.9" - 7 Hours *Rainfall occurred on 7/9/2023	8/25/2023	0.2"-0.5" - 2 Hours *Rainfall occurred on 8/24/2023	9/11/2023	0.0"-1.3" - 1 Hour *Isolated storms occurred on 9/10/2023
7/14/2023	1.8"-4.2" - 5 Hours *Scattered thunderstorms with high intensity/short duration rainfall occurred late on 7/13/2023 and 7/14/2023	8/28/2023	0.1"-1.6" - 6 Hours *Rainfall occurred on 8/27/2023	9/13/2023	0.05"-0.3" - .75 Hours *Showers occurred on 9/12/2023
7/15/2023	0.2"-0.9" - 3 Hours	8/30/2023	0.0"-0.9" - 1 Hour *Rain showers occurred late 8/29/2023	9/18/2023	0.3"-1.0" -5 Hours *Rainfall occurred on 9/17/2023
7/17/2023	0.1"-0.7" - .33 Hours			9/25/2023	0.1"-0.6" - 6 Hours *Rainfall from Tropical Storm Ophelia occurred on 9/23/2023
7/19/2023	0.5"-1.2" - 3 Hours				
7/20/2023	0.0"-0.5" - 1 Hour *Isolated storms occurred late 7/19/2023				
7/24/2023	0.0"-0.75" - .5 Hours *Scattered storms occurred late 7/23/2023				
7/28/2023	0.0"-0.1" - .17 Hours				

**IV. Quarterly Summary of VADEQ Observations**

Per Table G-1C, the VADEQ Inspectors observed a total of 4 items requiring repair/maintenance throughout the Q3 reporting period. The items were provided on the daily MVP Punchlist for the Q3 reporting period, communicated to the contractor Environmental staff, and addressed within the VADEQ approved timeframe (24 hours/Three Days or as extended by VADEQ authorization). No items related to third party impacts were identified by the VADEQ throughout the Q3 reporting period. During the Q3 reporting period, the VADEQ did not identify project related off right of way or environmental resource impacts throughout the Spread G project area. **Refer to Table G-1C for further detailed information.**

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

**Table G-1C**

Spread G VADEQ Observations: July 1, 2023 - September 30, 2023					
Monthly Observation	Total Number Observations	Environmental Resource Impact	Off Right of Way Impact	Right of Way Impacts Caused by Third Parties	Weather Related Damage
July 2023	2	0	0	0	0
August 2023	2	0	0	0	0
September 2023	0	0	0	0	0

\*Includes Carry Over Items

**V. Quarterly Summary of Landowner/Third Party Issues**

The Environmental Auditor noted three formal landowner/third party complaints submitted to the VADEQ for the Spread G Project during the Q3 reporting period.

- A third party complaint was filed with the VADEQ on 9/5/2023 (Pollution Investigation Report\_IR #310760). The complainant alleged that "MVP is using Rte. 785/Dry Run Road to access various points on their pipeline" and "causing a massive dust and erosion problem". Based on communication with the Spread G LEI and daily MVP Punchlist observations, no active MVP construction activity is occurring near Dry Run Road other than minimal routine ESC measures repair/maintenance throughout the access road. It should be noted that the majority of Dry Run Road is unimproved. Per the Closure section of the IR on 9/22/2023 the VADEQ concluded that no pollution was observed.
- A third party complaint was filed with the VADEQ on 9/9/2023 (Pollution Investigation Report\_IR #310802). The complainant alleged "sediment in Craig Creek after rain". Based on a stormwater event site inspection conducted by the Spread H Environmental inspection staff on 9/10/2023, the Craig Creek Road area near the project received approximately 1.6" of rainfall in approximately one hour. Corrective action observations were identified at locations where ESC measures required routine repair/maintenance and added to the daily MVP Punchlist and completed within the required timeframe. No off right of way and/or impacts to Craig Creek (S-006/S-RR13) were observed at the time of the inspection. Based on communication with the Spread G LEI, the VADEQ conducted a site inspection on 9/11/2023 and did not observe corrective action measures or impacts to Craig Creek. The Environmental Auditor conducted a site evaluation on 9/15/2023 and observed locations where ESC measures were installed and functional and no impacts to Craig Creek were observed at the time of the evaluation. It should be noted that the reach of Craig Creek between Craig Creek Road and MVP-MN-258.04 is constricted in locations and experiences heavy flows resulting in natural cut bank erosion and sediment loading during high intensity/short duration events. Per the Closure section of the IR on 9/13/2023, the VADEQ concluded no compliance issues were observed.
- A third party complaint by Trout Unlimited was filed with the VADEQ on 9/10/2023 (Pollution Investigation Report\_IR #310806). The complainant alleged that "runoff from MVP polluting stream after heavy rain on 9/9/2023" and indicated elevated sediment levels, high pH, and "a smell, possibly of H2S". Based on a stormwater event site inspection conducted by the Spread H Environmental inspection staff on 9/10/2023, the Craig Creek Road area near the project received approximately 1.6" of rainfall in approximately one hour. Corrective action observations were identified at locations where ESC measures required routine repair/maintenance and added to the daily MVP Punchlist and completed within the required timeframe. No off right of way and/or impacts to Craig Creek (S-006/S-RR13) were observed at the time of the inspection. Based on communication with the Spread G LEI, the VADEQ conducted a site inspection on

9/11/2023 and did not identify corrective action measures or impacts to Craig Creek. The Environmental Auditor conducted a site evaluation on 9/15/2023 and observed locations where ESC measures were installed and functional and no impacts to Craig Creek were observed at the time of the evaluation. It should be noted that the reach of Craig Creek between Craig Creek Road and MVP-MN-258.04 is constricted in locations and experiences heavy flows resulting in natural cut bank erosion and sediment loading during high intensity/short duration events. In addition, no gas is flowing through any pipeline installed near this location. Per the Closure section of the IR on 9/22/2023, the VADEQ concluded no compliance issues were observed.

## **VI. Quarterly Summary of Environmental Auditor Observations and Recommendations**

Per Table G-1D, the Environmental Auditor conducted 75 site evaluations during the Q3 reporting period and observed upland, stream crossing and stream bore locations where Pollution Prevention and ESC measures required repair/maintenance or additional (enhanced) ESC measures be installed.

During the reporting period, the Environmental Auditor evaluated the ESC, Pollution Prevention, and SWM measures throughout the project for proper installation and functionality. The Environmental Auditor also reviewed and provided recommendations related to daily MVP Punchlists, SWPPP VSIRs, and ODCP inspection reports. The Environmental Auditor communicated observations and recommendations to the Spread G LEI (includes JNF LEI), Chief EI, onsite EIs, contractor Environmental staff, and MVP Environmental staff. Repair/maintenance items and most recommendations were forwarded to the contractor Environmental staff by the Spread G Environmental inspection staff and subsequently addressed. The Environmental Auditor provided the following detailed technical and administrative/documentation recommendations:

### **Technical Recommendations**

- Conduct vegetative clearing where ESC measures (especially waterbar end sumps and perimeter sediment controls) cannot be inspected/maintained for functionality due to thick vegetative cover.
- Evaluate pumped water filter bags and straw bale containment structures (dewatering facilities) to ensure they level per the ESC Plan requirements for proper functionality. Utilize the correct size pumped water filter bags based on pumping rates. Coordinate with the contractor as necessary to reinstall any dewatering facility not meeting the ESC Plan requirements.
- Install slope drains where waterbars will discharge down slopes into waterbar end sumps and install rip rap at the pipe inlet and outlet per the ESC Plan requirements.
- Install soil stabilization blanket (SSB) within flow paths (waterbar and Clean Water Diversion dikes) as necessary.
- Implement frequent Dust Control measures on access roads and the right of way as necessary.
- Conduct frequent soil build up/removal at temporary bridge crossings throughout each day as necessary.
- Install additional/enhanced ESC measures as necessary throughout the right of way and access roads to prevent potential off right of way impacts and to minimize daily MVP Punchlist corrective action items.
- Ensure that onsite equipment/materials and pipe coating operations have secondary containment measures properly installed and maintained.
- Install additional ESC measures on travel lane slope approaches to temporary bridge crossings at environmental resources.



**Administrative/Documentation Recommendations**

- Conduct QA/QC to ensure consistency and thoroughness between the daily MVP Punchlists and SWPPP VSIRs. Ensure photo documentation within the VSIRs is sufficient for a given inspection coverage area especially locations where active earth disturbance and environmental resource open cut/bore activities are occurring.

The Environmental Auditor also provided recommendations to monitor ESC measures throughout the project and conduct repair/maintenance/enhancements and restabilization activities as necessary to meet the ESC plan requirements.

On 7/19/2023, the Environmental Auditor evaluated the right of way locations where an environmental resource and upland area were impacted due to a high intensity/short duration storm event that occurred late 7/13/2023 into early 7/14/2023 followed by subsequent storm events. The Environmental Auditor observed the gravel removed where the environmental resource impact occurred at S-MM17 (MVP-GI-253.02) and the ESC measures replaced and enhanced. The Environmental Auditor observed the ESC measures repaired/enhanced, sediment removed, and the impacted area stabilized where the off right of way upland impact occurred. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to proper ESC measures installation on the access road MVP-GI-253.02 and installing additional enhanced ESC measures where the off right of way upland impact occurred to minimize potential future impacts. The Spread G Environmental inspection staff and the Environmental Auditor continued to monitor these locations throughout the Q3 reporting period.

On 8/2/2023, the Environmental Auditor conducted an evaluation at MVP-LY-028 where a reportable spill occurred on 7/21/2023. The Environmental Auditor observed the impacted area refreshed with new gravel and the Pollution Prevention measures installed and functional at the time of the evaluation.

On 9/12/2023, the Environmental Auditor conducted a post storm event evaluation at access road MVP-MN-266 where a high intensity/short duration storm event on 9/9/2023 caused gravel to be displaced, overwhelmed the ESC measures, and impacted S-EF22. The Environmental Auditor observed the access road stabilized, the ESC measures repaired/maintained, and gravel retrieved from S-EF22. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to installing additional ESC measures along the access road.

The Spread G Environmental inspection staff, contractor Clearing staff, contractor Environmental staff, Chief EI, and Environmental Auditor continue to monitor locations throughout the right of way and communicate/coordinate to repair/maintain and implement additional (enhanced) ESC/Pollution Prevention measures as necessary. The Environmental Auditor continues to communicate with the Spread G LEI (includes JNF LEI), Chief EI, onsite EIs, and MVP Environmental staff on a weekly basis. Discussions entail project feedback, technical support, and recommendations/guidance to maintain compliance with the ESC plans and Annual Standards and Specifications.

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

**Table G-1D**

<b>Environmental Auditor Field Observations: July 1, 2023 - September 30, 2023</b>	
<b>Month</b>	<b>Total Observations</b>
July 2023	18
August 2023	36
September 2023	21

## **VII. Conclusion(s)**

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

- The Best Management Practices for the Project have been implemented in accordance with MVP's Annual Standards and Specifications, Erosion and Sediment Control Plans, and Stormwater Management Plans;
- The temporary ESC measures were properly installed, inspected, and maintained; and
- All ineffective temporary ESC measures observed by the Environmental Inspectors/Environmental Auditor were repaired and ESC measures in need of routine maintenance were maintained within the timeframes required by MVP's Annual Standards and Specifications or as otherwise provided in the Consent Decree.

Based on the aforementioned observations, the resources available and deployed in the field (including EIs and the contractor Environmental staff) were sufficient to regularly and consistently conduct routine maintenance and/or repair ineffective ESC measures in a timely manner throughout the Q3 reporting period. The Environmental Auditor recommends continued monitoring and communication between the MVP Environmental inspection staff and the contractor Environmental staff to ensure all ESC measures are properly installed and functional and enhanced where necessary to maintain compliance with the approved ESC Plans and Annual Standards and Specifications.

As the VADEQ is aware, there are several previous instances noted in the Q4 2019 through Q2 2023 Reports in which sediment has left the ROW but MVP's requests for landowner permission to take corrective measures have been denied. Therefore, in accordance with Section IV.a of the Consent Decree, the Environmental Auditor concludes that all alleged instances of non-compliance with MVP's Annual Standards and Specifications, MVP's Site-Specific ESC and SWM Plans, and Clean Water Act Section 401 Water Quality Certification No. 17.001 addressed in the Consent Decree that are within MVP's power to correct have been corrected.

Report Period Ending: 7/9/2023  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: <b>19</b> conducted from 7/1/2023 through 7/9/2023 (includes LY-026): <b>Holiday on 7/4/2023</b>											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 7/1/2023 through 7/9/2023 (Includes Carry Over Items from 6/30/2023): <b>5</b>											
Total Number of ODCP Inspections at Laydown Yard 026: <b>6</b> (7/1/2023, 7/3/2023 through 7/8/2023): <b>Holiday on 7/4/2023</b>											
Total Number of VA DEQ Observations from 7/1/2023 through 7/9/2023: <b>0</b>											
Total Number of Landowner/Third Party Complaints: <b>0</b>											
Total Number of Right of Way Impacts Caused by Third Parties: <b>2</b> (wildlife traffic)											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damage to ESC measures caused by fallen debris): <b>0</b>											
Total Number of Off Right of Way Impacts: <b>0</b>											
Total Number of Environmental Resource Impacts: <b>0</b>											
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: <b>0</b>											
<b>Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 7/1/2023 through 7/9/2023</b>											
CARRY OVER ITEMS FROM 6/30/2023											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
6/30/2023		1					1			1 on 7/1/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
7/6/2023	0.0"-1.0" -.25 Hours *Isolated storms occurred on 7/5/2023	4				2	2		3 on 7/7/2023	1 on 7/7/2023	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to wildlife traffic.
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
LANDOWNER REPORTED COMPLAINTS											
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE						TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS							CONCLUSION AND RECOMMENDATIONS			
7/7/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-LY-026, MVP-LY-049, Big Stony Creek Road (GAS), and MVP-GI-241.01 (GAS)/MVP-GI-241.04.							The Environmental Auditor evaluated the right of way and observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff regarding ESC measures repair/maintenance, monitoring sediment controls along an access road, and increased communication with the contractor related to leaks and spills of equipment/vehicles.			
7/1/2023 through 7/9/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread G Project.  The Environmental Auditor communicated with all Spread LEIs on 7/6/2023 regarding the Partial Bi-Weekly reporting period ending on 7/9/2023. The Environmental Auditor recommended the following: stabilizing slopes above environmental resources and installing an adequate sediment control measure (other than current wattles) at the toe of the slope near the temporary bridge crossing in areas disturbed via active construction activities, ensuring waterbars are properly reconstructed per the ESC Plan requirements, implementing temporary stabilization per the ESC Plan requirements, and monitoring locations under active construction and installing enhanced ESC measures as needed.							The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.			
REQUIRED FINDINGS AND CONCLUSIONS											
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).									
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes										
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes										
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes?	Yes										

Report Period Ending: 7/23/2023  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: <b>49</b> conducted from 7/10/2023 through 7/23/2023 (includes LY-026)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 7/10/2023 through 7/23/2023 (Includes Carry Over Items from 7/9/2023): <b>154</b> (The Environmental Auditor was notified by the MVP Environmental staff regarding a reportable spill over 25 gallons that occurred on 7/21/2023. The spill, which occurred during vehicle maintenance activities, was contained, contaminated soils/rock excavated, and placed into plastic lined waste dumpsters for transport to an approved disposal site. Agency notifications were made and no off right of way or environmental resources impacts occurred).											
Total Number of ODCP Inspections at Laydown Yard 026: <b>6</b> (7/10/2023 through 7/15/2023); <b>6</b> (7/17/2023 through 7/22/2023)											
Total Number of VA DEQ Observations from 7/10/2023 through 7/23/2023: <b>0</b>											
Total Number of Landowner/Third Party Complaints: <b>0</b>											
Total Number of Right of Way Impacts Caused by Third Parties: <b>31</b> (wildlife traffic and livestock traffic)											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damage to ESC measures caused by fallen debris): <b>0</b>											
Total Number of Off Right of Way Impacts: <b>1</b> (One off right of way sediment impact within an upland location was observed on 7/14/2023 as a result of a heavy storm event that occurred early morning on 7/14/2023. This storm event produced approximately 3.9 inches of rainfall in approximately 5 hours causing a waterbar end sump to be overwhelmed. The VADEQ was immediately notified and landowner permission was granted to address the off right of way sediment impact. The ESC measures were repaired/enhanced, off right of way sediment removed, and the impacted area stabilized within the required timeframe. Prior to this event, the Spread G Environmental inspection staff conducted SWPPP inspections and observed the ESC measures installed and functional. Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations below for further discussion.											
Total Number of Environmental Resource Impacts: <b>1</b> (An environmental resource impact due to gravel washout at S-MM17 (MVP-GI-253.02) was observed on 7/14/2023 as a result of an early morning heavy storm event. This storm event produced approximately 3.9 inches of rainfall in 5 hours. The access road (MVP-GI-252.03) was stabilized, ESC measures were repaired/enhanced, agency approval was granted, landowner permission granted, and gravel removed from S-MM17. Prior to this event the Spread G Environmental inspection staff conducted SWPPP inspections at this location and observed the access road stabilized and the ESC measures installed and functional. A Courtesy Notice of Force Majeure Declaration was submitted to the VADEQ on 7/18/2023 due to the magnitude of this event). Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations below for further discussion.											
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: <b>0</b>											
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 7/10/2023 through 7/23/2023.											
CARRY OVER ITEMS FROM 7/9/2023											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
7/10/2023	0.2"-0.9" - 7 Hours *Rainfall occurred on 7/9/2023	6				3	3		4 on 7/11/2023	2 on 7/11/2023	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe. Three of the identified items were caused by third party impacts related to livestock traffic (2) wildlife traffic (1).
7/11/2023		8				6	2		7 on 7/11/2023	1 on 7/12/2023	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe. Six of the identified items were caused by third party impacts related to wildlife traffic.
7/13/2023		3				2	1		1 on 7/13/2023	2 on 7/13/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to wildlife traffic.
7/14/2023	1.8"-4.2" - 5 Hours *Scattered thunderstorms with high intensity/short duration rainfall occurred late on 7/13/2023 and 7/14/2023	50	*1 (Included under Maintenance/Repair with ESC measures)	*1 (Included under Maintenance/Repair with ESC measures)		4	46		42 on 7/15/2023 (includes environmental resource impact and off right of way impact)	8 on 7/15/2023	Fifty items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was identified as an off right of way sediment impact approximately 30 feet off right of way within an upland area. A high intensity/short duration storm event caused a waterbar end sump to be overwhelmed. The impacted ESC measures were repaired/maintained and enhanced. The VADEQ was immediately notified, landowner access granted, off right of way sediment cleanup and stabilization occurred within the required timeframe. No environmental resources were impacted. An Agency Compliance Form (Problem Area Report #715) was submitted by the EI on 7/14/2023. The Environmental Auditor evaluated this location on 7/19/2023 and provided recommendations related to installing additional enhanced ESC measures. Refer to Environmental Auditor Field Observations and Recommendations for further discussion.  A second item was identified as an environmental resource impact at S-MM17 due to access road gravel displaced during the storm event. The gravel impacted approximately 50 feet of the stream. A high intensity/short duration storm event caused gravel to become displaced at MVP-GI-252.03 overwhelming the ESC measures and subsequently depositing gravel within S-MM17. The VADEQ was immediately notified and approval granted to access S-MM17. Landowner access was granted and the gravel removed within the required timeframe. An Agency Compliance Form (Problem Area Report #711) was submitted by the EI on 7/14/2023. The Environmental Auditor evaluated this location on 7/19/2023 and observed the gravel retrieved from S-MM17 and the ESC measures enhanced at the temporary bridge crossing. The Environmental Auditor observed the upslope broad based dip runoff control measures not properly installed and immediately communicated this observation to the Spread G LEI and MVP Environmental staff. Photo documentation was subsequently provided depicting the broad based dips properly installed on 7/19/2023. Refer to Environmental Auditor Field Observations and Recommendations for further discussion.  Four of the items were identified were caused by third party impacts related to wildlife traffic.
7/17/2023		11				3	8		11 on 7/17/2023		Eleven items were identified requiring ESC repair/maintenance and completed within the required timeframe. Three of the identified items were caused by third party impacts related to wildlife traffic.
7/18/2023	0.1"-0.7" - 33 Hours *A storm event with isolated locations receiving high intensity/short duration rainfall occurred on 7/17/2023	25				4	21		16 on 7/19/2023	9 on 7/19/2023	Twenty-Five items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe. Four of the identified items were caused by third party impacts related to wildlife traffic.
7/19/2023	0.5"-1.2" - 3 Hours	34				2	32		23 on 7/20/2023	11 on 7/20/2023	Thirty-four items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to wildlife traffic.
7/20/2023	0.0"-0.5" - 1 Hour *Isolated storms occurred late 7/19/2023	2					2		2 on 7/21/2023		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/21/2023		15				7	8		13 on 7/21/2023	2 on 7/21/2023	Fifteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. Seven of the identified items were caused by third party impacts related to wildlife traffic.

VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
LANDOWNER REPORTED COMPLAINTS											
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE						TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS						CONCLUSION AND RECOMMENDATIONS				
7/19/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-249.02 (access road), MVP-GI-244 (CIS/GAS), MVP-GI-251 (access road), MVP-GI-253.02 (access road), MVP-GI-253.02 (CIS), MVP-GI-256.02 (access road), and MVP-GI-256.02 (CIS).						The Environmental Auditor evaluated the right of way were a high intensity/short duration storm event occurred early on 7/14/2023 followed by subsequent storm events. The Environmental Auditor observed locations where the ESC measures became overwhelmed due to the storm event causing an off right of way impact in an upland area and an environmental resource impact. The Environmental Auditor observed the gravel removed where the environmental resource impact occurred at S-MM17 (MVP-GI-253.02) and the ESC measures replaced and enhanced. The Environmental Auditor observed the ESC measures repaired/enhanced, sediment removed, and the impacted area stabilized where the off right of way upland impact occurred. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to proper ESC measures installation on the access road and installing additional enhanced ESC measures where the off right of way upland impact occurred to minimize potential future impacts.				
7/10/2023 through 7/23/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread G Project. The Environmental Auditor communicated with all Spread LEIs on 7/13/2023 and 7/20/2023 regarding the Bi-Weekly reporting period ending on 7/23/2023. The Environmental Auditor recommended the following: implementing temporary stabilization per the ESC Plan requirements, installing soil stabilization blanket in waterbar flow paths and in areas where straw mulch becomes displaced, maintaining SWPPP VSIR consistency/thoroughness throughout each Spread, and ensuring consistency between the SWPPP VSIRs and daily MVP Punchlists related to third party impacts documentation.						The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.				
REQUIRED FINDINGS AND CONCLUSIONS											
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).									
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes										
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes										
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes?	Yes										

Report Period Ending: 8/6/2023  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 46 conducted from 7/24/2023 through 8/6/2023 (includes LY-026): Refer to Environmental Auditor Field Observations and Recommendations.											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 7/24/2023 through 8/6/2023 (Includes Carry Over Items from 7/23/2023): 63											
Total Number of ODCP Inspections at Laydown Yard 026: 6 (7/24/2023 through 7/29/2023); 6 (7/31/2023 through 8/5/2023)											
Total Number of VA DEQ Observations from 7/24/2023 through 8/6/2023: 2											
Total Number of Landowner/Third Party Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 16 (wildlife traffic and landowner traffic)											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damage to ESC measures caused by fallen debris): 0											
Total Number of Off Right of Way Impacts: 0											
Total Number of Environmental Resource Impacts: 0											
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0											
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 7/24/2023 through 8/6/2023 .											
CARRY OVER ITEMS FROM 7/23/2023											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
7/24/2023	0.0"-0.75" - .5 Hours *Scattered storms occurred late 7/23/2023	19				7	12		13 on 7/25/2023	6 on 7/25/2023	Nineteen items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe. Seven of the identified items were caused by third party impacts related to landowner traffic (1) and wildlife traffic (6). Two of the wildlife impacts were noted within the respective SWPPP VSIR.
7/25/2023		5					5		2 on 7/25/2023	3 on 7/25/2023	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/26/2023		8				4	4		5 on 7/27/2023	3 on 7/27/2023	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe. Four of the identified items were caused by third party impacts related to wildlife traffic.
7/27/2023		7				3	4		5 on 7/28/2023	2 on 7/28/2023	Seven items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe. Three of the identified items were caused by third party impacts related to wildlife traffic.
7/28/2023	0.0"-0.1" - .17 Hours	7				2	5		7 on 7/29/2023		Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to landowner traffic and wildlife traffic.
7/31/2023		3					3		3 on 7/31/2023		Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/1/2023		3					3		1 on 8/1/2023	2 on 8/3/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/2/2023		11					11		7 on 8/2/2023 3 on 8/3/2023	1 on 8/3/2023	Eleven items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
7/24/2023	0.0"-0.75" - .5 Hours *Scattered storms occurred late 7/23/2023	2					2		1 on 7/25/2023	1 on 7/25/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
LANDOWNER REPORTED COMPLAINTS											
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE						TOTAL NUMBER OBSERVATIONS				SUMMARY OF OBSERVATIONS

ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS		
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS
7/25/2023	The Environmental Auditor conducted site evaluations at the following locations: Old Furnace Road/MVP-GI-256.02 (CIS/GAS), Steele Acres Road/MVP-CR-258.01 (CIS), and Seven Oaks Road/MVP-GI-253.02.	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed/enhanced and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/replacement, installing enhanced ESC measures, monitoring ESC measures on an access road and installing additional enhanced ESC measures as needed.
7/26/2023	The Environmental Auditor conducted a site evaluation at MVP-MN-266.	The Environmental Auditor observed locations where the ESC measures appeared to be installed/enhanced and functional at the time of the evaluation.
7/28/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-MLV-26 (CIS), MVP-MN-266.03, and MVP-CR-258.02 (CIS).	The Environmental Auditor observed locations where the ESC measures appeared to be installed/enhanced and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/replacement, monitoring ESC measures on an access road, and installing additional enhanced ESC measures on slopes approaching stream crossings.
8/2/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-237, MVP-GI-234, MVP-LY-029, MVP-LY-028 (truck yard), MVP-LY-028 (bus yard), Kow Camp Road #2 (CIS), and Kow Camp Road #1 (CIS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/installation, a small spill requiring clean up and disposal, and monitoring ESC measures and installing additional enhanced ESC measures on slopes approaching stream crossings.
7/24/2023 through 8/6/2023	<p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread G Project.</p> <p>The Environmental Auditor noted the Final Force Majeure Declaration notice related to the completion of clean-up and stabilization at S-MM17 was submitted to the VADEQ on 7/24/2023. Refer to the Environmental Auditor Bi-Weekly Report dated 7/23/2023.</p> <p>The Environmental Auditor communicated with the Spread G LEI regarding consistency between the SWPPP VSIRs and daily MVP Punchlists documentation.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 7/27/2023 and 8/2/2023 regarding the Bi-Weekly reporting period ending on 8/6/2023. The Environmental Auditor provided several technical recommendations to prepare for upcoming active construction and documentation recommendations related to SWPPP VSIRs and daily MVP Punchlists.</p>	<p>The Environmental Auditor concludes that SWPPP inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.</p> <p>The Environmental Auditor recommends conducting QA/QC to ensure consistency between SWPPP VSIRs and daily MVP Punchlists documentation.</p>
REQUIRED FINDINGS AND CONCLUSIONS		
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes	
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes	
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes?	Yes	

Report Period Ending: 8/20/2023  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 55 conducted from 8/7/2023 through 8/20/2023 (includes LY-026)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 8/7/2023 through 8/20/2023 (Includes Carry Over Items from 8/6/2023): 31											
Total Number of ODCP Inspections at Laydown Yard 026: 7 (8/7/2023 through 8/13/2023); 6 (8/14/2023 through 8/19/2023): Small holes were observed under secondary containment during an ODCP inspection on 8/16/2023 and 8/17/2023 and documented as repaired within the 8/18/2023 ODCP inspection report. No leaks or spills were observed.											
Total Number of VA DEQ Observations from 8/7/2023 through 8/20/2023: 0											
Total Number of Landowner/Third Party Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 0											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damage to ESC measures caused by fallen debris): 0											
Total Number of Off Right of Way Impacts: 0											
Total Number of Environmental Resource Impacts: 0											
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0											
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 8/7/2023 through 8/20/2023.											
CARRY OVER ITEMS FROM 8/6/2023											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
8/7/2023	0.0"-1.1" - 2 Hours *Scattered storms occurred on 8/6/2023	4					4		4 on 8/8/2023		Four items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
8/8/2023		19					19		17 on 8/9/2023	2 on 8/9/2023	Nineteen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/9/2023		3					3		3 on 8/10/2023		Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/17/2023		1					1		1 on 8/17/2023		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
8/18/2023		4					4		4 on 8/19/2023		Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
LANDOWNER REPORTED COMPLAINTS											
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE						TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS						CONCLUSION AND RECOMMENDATIONS				
8/7/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-CR-258.02 (CIS), Stevers Gap Trail (CIS), Old Furnace Road/MVP-GI-256.02 (CIS/GAS), Seven Oaks Road/MVP-GI-253.02, and MVP-MLV-26 (CIS/GAS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed/enhanced and functional at the time of the evaluation. The Environmental Auditor communicated onsite with the Spread G EIs and provided monitoring guidance related to SSB installation at a stream crossing and proper waterbar installation, respectively. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to access road maintenance and monitoring, proper ESC measures installation, temporary bridge crossing maintenance, monitoring an off right of way third party earth disturbance activity at MVP-MLV-26 (CIS), and monitoring secondary containment measures for accumulated stormwater.				
8/10/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-237 (CIS), Norcross Road (CIS), and MVP-GI-238.01 (CIS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed/enhanced and functional at the time of the evaluation. The Environmental Auditor G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair and proper ESC measures installation.				
8/14/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-238.01 (GAS), Norcross Road (CIS), and Stevers Gap Trail (GAS).						The Environmental Auditor met onsite with the Spread G EI to review proposed redlines and provide technical support. The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI, Chief EI, Engineer, and MVP Environmental staff regarding observations and recommendations related to the onsite visit with the Spread G EI.				
8/17/2023	The Environmental Auditor conducted site evaluations at Old Furnace Road/MVP-GI-256.02, Craig Creek Road (GAS), and MVP-MLV-26 (CIS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed/enhanced and functional at the time of the evaluation. The Environmental Auditor G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance.				
8/7/2023 through 8/20/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread G Project. The Environmental Auditor communicated with the Spread G LEI regarding concerns related to consistency between the SWPPP VSIRs and daily MVP Punchlists and identifying corrective actions addressed from previous SWPPP inspections. The Environmental Auditor communicated with all Spread LEIs on 8/18/2023 regarding the Bi-Weekly reporting period ending on 8/20/2023. The Environmental Auditor provided technical recommendations regarding ESC measures installation during grubbing, grading, and environmental resource crossings with emphasis placed on monitoring pumped water filter bags for proper functionality during open trench dewatering activities. The Environmental Auditor also provided recommendations related to conducting QA/QC on SWPPP VSIRs and daily MVP Punchlists to ensure complete and consistent documentation.						The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity. The Environmental Auditor recommends conducting QA/QC to ensure consistency between SWPPP VSIRs and daily MVP Punchlists documentation.				
REQUIRED FINDINGS AND CONCLUSIONS											
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).									
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes										
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes										
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes?	Yes										



Report Period Ending: 9/3/2023  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 50 conducted from 8/21/2023 through 9/3/2023 (includes LY-026)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 8/21/2023 through 9/3/2023 (Includes Carry Over Items from 8/20/2023): 15											
Total Number of ODCP Inspections at Laydown Yard 026: 7 (8/21/2023 through 8/27/2023); 6 (8/28/2023 through 9/2/2023)											
Total Number of VA DEQ Observations from 8/21/2023 through 9/3/2023: 2											
Total Number of Landowner/Third Party Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 1 (landowner traffic)											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damage to ESC measures caused by fallen debris): 0											
Total Number of Off Right of Way Impacts: 0											
Total Number of Environmental Resource Impacts: 0											
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0											
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 8/21/2023 through 9/3/2023.											
CARRY OVER ITEMS FROM 8/20/2023											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
8/21/2023		3				1	2		3 on 8/21/2023		Three items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the items which was identified in the SWPPP VSIR was caused by third party impacts related to landowner traffic.
8/28/2023	0.1"-1.6" - 6 Hours *Rainfall occurred on 8/27/2023	1					1			1 on 8/28/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
8/29/2023		7					7		2 on 8/29/2023 4 on 8/30/2023	1 on 8/30/2023	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/30/2023	0.0"-0.9" - 1 Hour *Rain showers occurred late 8/29/2023	2					2		1 on 8/30/2023 1 on 8/31/2023		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/31/2023		2					2		1 on 8/31/2023 1 on 9/1/2023		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
8/28/2023	0.1"-1.6" - 6 Hours *Rainfall occurred on 8/27/2023	2					2		2 on 8/29/2023		Two items were identified requiring repair/maintenance and completed within the required timeframe.
LANDOWNER REPORTED COMPLAINTS											
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE						TOTAL NUMBER OBSERVATIONS				SUMMARY OF OBSERVATIONS

ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS		
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS
8/21/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-238.01 (GAS), Norcross Road (CIS), MVP-MLV-AR-24 (CIS), and MVP-GI-241/241.04 (GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated onsite with the Spread G EI and followed up with the Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to proper ESC measures installation.
8/24/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-237 (GAS), Big Branch Hollow Road (CIS), MVP-GI-241.02 (GAS), Doe Creek Road (CIS), and MVP-MLV-26 (CIS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to proper ESC measures installation and installing perimeter sediment control measures.
8/30/2023	The Environmental Auditor conducted site evaluations at the following locations: Doe Creek Road (CIS/GAS), MVP-GI-242.01 (Access Road), MVP-GI-242.01 (GAS), Stevers Gap Trail (CIS/GAS), Steel Acres Road (CIS), and Old Furnace Road/MVP-GI-256.02 (CIS).	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the onsite Spread G EI, Contractor Environmental foremen, Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance and a reminder to conduct temporary stabilization activities within the ESC Plan timeframe requirements.
8/21/2023 through 9/3/2023	<p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread G Project.</p> <p>The Environmental Auditor communicated with the Spread G LEI regarding data accuracy and complete sections within the SWPPP VSIRs.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 8/30/2023 regarding the Bi-Weekly reporting period ending on 9/3/2023. The Environmental Auditor provided technical recommendations regarding ESC measures installation during grubbing, grading, and environmental resource crossings which includes implementation of Pollution Prevention measures. The Environmental Auditor also provided recommendations to conduct QA/QC on SWPPP VSIRs and daily MVP Punchlists, prioritizing daily MVP Punchlist items based on the Annual Standards and Specifications, and ensuring VSIR photo logs depict coverage of a given SWPPP inspection area which includes active construction activities at environmental resource crossings.</p>	<p>The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.</p> <p>The Environmental Auditor recommends conducting QA/QC to ensure adequate data and complete sections are provided within the SWPPP VSIRs.</p>
REQUIRED FINDINGS AND CONCLUSIONS		
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes	
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes	
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes?	Yes	

Report Period Ending: 9/17/2023  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 53 conducted from 9/4/2023 through 9/17/2023 (includes LY-026): **Holiday on 9/4/2023**

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 9/4/2023 through 9/17/2023 (Includes Carry Over Items from 9/3/2023): 76

Total Number of ODCP Inspections at Laydown Yard 026: 5 (9/5/2023 through 9/9/2023); 6 (9/11/2023 through 9/16/2023): **Holiday on 9/4/2023**

Total Number of VA DEQ Observations from 9/4/2023 through 9/17/2023: 0

Total Number of Landowner/Third Party Complaints: 3 (1. A third party complaint was filed with the VADEQ on 9/5/2023 (Pollution Investigation Report\_IR #310760). The complainant alleged that "MVP is using Rte. 785/Dry Run Road to access various points on their pipeline" and "causing a massive dust and erosion problem". Per the VADEQ website formal Closure remains pending. 2. A third party complaint was filed with the VADEQ on 9/9/2023 (Pollution Investigation Report\_IR #310802). The complainant alleged "sediment in Craig Creek after rain". Per the Closure section of the IR on 9/13/2023, the VADEQ concluded no compliance issues were observed. 3. A third party complaint by Trout Unlimited was filed with the VADEQ on 9/10/2023 (Pollution Investigation Report\_IR #310806). The complainant alleged that "runoff from MVP polluting stream after heavy rain on 9/9/2023" and indicated elevated sediment levels, high pH, and "a smell, possibly of H2S". Upon conducting a site inspection on 9/11/2023, the VADEQ inspector did not observe any compliance issues. Per the VADEQ website formal Closure remains pending.) **Refer to Landowner/Third Party Reported Complaints below for further detailed discussions.**

Total Number of Right of Way Impacts Caused by Third Parties: 0

Total Number of Right of Way Impacts Caused by Weather Related Damage (damage to ESC measures caused by fallen debris): 0

Total Number of Off Right of Way Impacts: 0

Total Number of Environmental Resource Impacts: 1 An environmental resource impact at S-EF22 due to gravel washout from MVP-MN-266 (access road) was observed on 9/10/2023 as a result of a heavy storm event that occurred early morning on 9/9/2023. This storm event produced approximately 3.0 inches of rainfall in 1 hour. The VADEQ was immediately notified, the access road, ESC measures were repaired/enhanced, and gravel removed throughout scattered locations within S-EF22. Prior to this event the Spread G Environmental inspection staff conducted SWPPP inspections at this location and observed the access road stabilized and the ESC measures installed and functional. A Courtesy Notice of Force Majeure Declaration was submitted to the VADEQ on 9/15/2023 due to the magnitude of this event). **Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations below for further discussion.**

Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0

Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 9/4/2023 through 9/17/2023.

CARRY OVER ITEMS FROM 9/3/2023

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
---------------------	-----------------------------------	---------------------------	-------------------------------	-------------------------	-------------------------------------------------------	----------------------------------------------	---------------------	-----------------------------------	-------------------------	---------------------------	-------------------------

ENVIRONMENTAL INSPECTOR OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
9/6/2023		1					1		1 on 9/7/2023		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
9/7/2023		2					2		2 on 9/8/2023		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/8/2023	0.1"-1.1" - 1 Hour *Scattered storms with areas of high intensity/short duration rainfall occurred on 9/7/2023	3					3		1 on 9/8/2023	2 on 9/8/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/10/2023	0.1"-3.0" - 1 Hour *Isolated high intensity/short duration storm events occurred on 9/9/2023	32	1				32		24 on 9/11/2023	4 on 9/11/2023 2 on 9/12/2023 2 on 9/13/2023	Thirty-two items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was an environmental resource impact (S-EF22) due to access road (MVP-MN-266) gravel displaced due to a high intensity/short duration storm event. The gravel impacted scattered locations approximately 200 feet within S-EF22. It should be noted that no active project related construction activity is occurring within the right of way at this location; however, the access road is utilized by third party vehicles, and the S-EF22 parallels and is immediately adjacent to the south edge of the access road. The VADEQ was immediately notified, gravel retrieved at locations throughout the stream, and ESC measures repaired/enhanced. The Environmental Auditor conducted a site evaluation on 9/12/2023 and recommended installing additional/enhanced ESC measures. Refer to Environmental Auditor Field Observations and Recommendations for further discussion.
9/11/2023	0.0"-1.3" - 1 Hour *A storm event where locations received high intensity/short duration rainfall occurred on 9/10/2023	9					9		9 on 9/11/2023		Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/12/2023		5					5		4 on 9/12/2023 1 on 9/13/2023		Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/13/2023	0.05"-0.3"-0.75 Hour *Rainfall occurred on 9/12/2023	19					19		8 on 9/14/2023	8 on 9/14/2023 3 on 9/16/2023	Nineteen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/14/2023		2					2		1 on 9/15/2023	1 on 9/15/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/15/2023		3					3		3 on 9/16/2023		Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.

VADEQ OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
---------------------	-----------------------------------	---------------------------	-------------------------------	-------------------------	-------------------------------------------------------	----------------------------------------------	---------------------	-----------------------------------	-------------------------	---------------------------	-------------------------

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
9/5/2023	Dry Run Road	1	A third party complaint was filed with the VADEQ on 9/5/2023 (Pollution Investigation Report_IR #310760). The complainant alleged that "MVP is using Rte. 785/Dry Run Road to access various points on their pipeline" and "causing a massive dust and erosion problem". Based on communication with the Spread G LEI and daily MVP Punchlist observations, no active MVP construction activity is occurring near Dry Run Road other than minimal routine ESC measures repair/maintenance throughout the access road. Per the VADEQ website formal Closure remains pending.
9/9/2023	Craig Creek Road	1	A third party complaint was filed with the VADEQ on 9/9/2023 (Pollution Investigation Report_IR #310802). The complainant alleged "sediment in Craig Creek after rain". Based on a stormwater event site inspection conducted by the Spread H Environmental Inspection staff on 9/10/2023, the Craig Creek Road area near the project received approximately 1.6" of rainfall in approximately one hour. Corrective action observations were identified at locations where ESC measures required routine repair/maintenance and added to the daily MVP Punchlist and completed within the required timeframe. No off right of way and/or impacts to Craig Creek (S-006/S-RR13) were observed at the time of the inspection. Based on communication with the Spread G LEI, the VADEQ conducted a site inspection on 9/11/2023 and did not observe corrective action measures or impacts to Craig Creek. The Environmental Auditor conducted a site evaluation on 9/15/2023 and observed locations where ESC measures were installed and functional and no impacts to Craig Creek at the time of the evaluation. It should be noted that the reach of Craig Creek between Craig Creek Road and MVP-MN-258.04 is constricted in locations and experiences heavy flows resulting in natural cut bank erosion and sediment loading during high intensity/short duration events. Per the Closure section of the IR on 9/13/2023, the VADEQ concluded no compliance issues were observed.
9/10/2023	Craig Creek Road	3	A third party complaint by Trout Unlimited was filed with the VADEQ on 9/10/2023 (Pollution Investigation Report_IR #310806). The complainant alleged that "runoff from MVP polluting stream after heavy rain on 9/9/2023" and indicated elevated sediment levels, high pH, and "a smell, possibly of H2S". Based on a stormwater event site inspection conducted by the Spread H Environmental Inspection staff on 9/10/2023, the Craig Creek Road area near the project received approximately 1.6" of rainfall in approximately one hour. Corrective action observations were identified at locations where ESC measures required routine repair/maintenance and added to the daily MVP Punchlist and completed within the required timeframe. No off right of way and/or impacts to Craig Creek (S-006/S-RR13) were observed at the time of the inspection. Based on communication with the Spread G LEI, the VADEQ conducted a site inspection on 9/11/2023 and did not observe corrective action measures or impacts to Craig Creek. The Environmental Auditor conducted a site evaluation on 9/15/2023 and observed locations where ESC measures were installed and functional and no impacts to Craig Creek at the time of the evaluation. It should be noted that the reach of Craig Creek between Craig Creek Road and MVP-MN-258.04 is constricted in locations and experiences heavy flows resulting in natural cut bank erosion and sediment loading during high intensity/short duration events. In addition, no gas is flowing through the pipeline. Per the VADEQ website formal Closure remains pending.
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
9/7/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-235 (CIS), MVP-GI-236 (CIS), MVP-GI-238.01 (GAS), Norcross Road (CIS), MVP-MLV-AR-24 (CIS), and MVP-GI-256.02 (GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated onsite with the Spread G EI and followed up with the Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to monitoring locations and installing additional ESC measures as necessary and monitoring up to date weather conditions and installing ESC measures prior to storm events.	
9/12/2023	The Environmental Auditor conducted a site evaluation at MVP-MN-266 (Access Road).	The Environmental Auditor conducted a post storm event evaluation on the access road where a high intensity/short duration storm event on 9/9/2023 caused gravel to be displaced, overwhelmed the ESC measures, and impacted S-EF22. The Environmental Auditor observed the access road stabilized, the ESC measures repaired/maintained, and gravel retrieved from S-EF22. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to installing additional ESC measures along the access road and properly installing rock check dams per the ESC Plan requirements.	
9/14/2023	The Environmental Auditor conducted site evaluations at the following locations: Steele Acres Road (CIS); MVP-GI-256.02/Old Furnace Road (CIS/GAS), Hwy. 42 (CIS), and Craig Creek Road (CIS/GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEIs, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance.	
9/4/2023 through 9/17/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread G Project.  The Environmental Auditor communicated with the Spread G LEI regarding consistency throughout all Sections within a SWPPP VSIR related to a corrective action observation.  The Environmental Auditor communicated with all Spread LEIs on 9/14/2023 regarding the Bi-Weekly reporting period ending on 9/17/2023 and the Q3 2023 reporting period ending on 9/30/2023. The Environmental Auditor referred to previous communications related to technical and documentation recommendations and emphasized communicating with the Environmental Auditor when issues arise.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes?	Yes		

Report Period Ending: 9/30/2023  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 48 conducted from 9/18/2023 through 9/30/2023 (includes LY-026)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 9/18/2023 through 9/30/2023 (Includes Carry Over Items from 9/17/2023): 33											
Total Number of ODCP Inspections at Laydown Yard 026: 5 (9/18/2023 through 9/22/2023 and 9/24/2023); 6 (9/25/2023 through 9/30/2023)											
Total Number of VA DEQ Observations from 9/18/2023 through 9/30/2023: 0											
Total Number of Landowner/Third Party Complaints: 0											
Per the Closure section of the VADEQ Pollution Investigation Report #310760 dated 9/22/2023 based on a third party complaint observed on 9/5/2023, the VADEQ concluded no pollution was observed. Per the Closure section of the VADEQ Pollution Investigation Report #310806 dated 9/22/2023 based on a third party complaint observed on 9/10/2023, the VADEQ concluded no compliance issues were observed. Refer to the Environmental Auditor Bi-Weekly Report dated 9/17/2023 related to Landowner/Third Party Reported Complaints.											
Total Number of Right of Way Impacts Caused by Third Parties: 0											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damage to ESC measures caused by fallen debris): 0											
Total Number of Off Right of Way Impacts: 0											
Total Number of Environmental Resource Impacts: 0											
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0											
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 9/18/2023 through 9/30/2023.											
CARRY OVER ITEMS FROM 9/17/2023											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
9/18/2023	0.3"-1.0" -5 Hours *Rainfall occurred on 9/17/2023	5					5		5 on 9/19/2023		Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/19/2023		1					1		1 on 9/20/2023		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
9/21/2023		9					9		9 on 9/22/2023		Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/22/2023		1					1		1 on 9/22/2023		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
9/25/2023	0.1"-0.6" - 6 Hours *Rainfall from Tropical Storm Ophelia occurred on 9/23/2023	7					7		4 on 9/26/2023	2 on 9/26/2023 1 on 9/27/2023	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/26/2023		6					6		1 on 9/26/2023 5 on 9/27/2023		Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/27/2023		2					2		2 on 9/28/2023		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/28/2023		1					1		1 on 9/28/2023		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
9/29/2023		1					1		1 on 9/30/2023		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
LANDOWNER/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
9/20/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-234 (CIS/GAS), MVP-GI-235 (CIS), MVP-GI-238.01 (GAS), Norcross Road (CIS), and MVP-MLV-26 (CIS/GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor met with onsite with the Spread G EI and reviewed forward construction progress related to clearing and grubbing. The Environmental Auditor communicated with Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance, monitoring locations, and installing additional ESC measures as necessary.
9/29/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-234 (CIS/GAS), MVP-GI-235 (CIS), MVP-GI-236 (CIS/GAS), MVP-LY-029, and MVP-MLV-AR-24 (CIS/GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor met with onsite with the Spread G EI and reviewed construction progress. The Environmental Auditor communicated with onsite EI, Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance, monitoring locations, and installing additional ESC measures as necessary.
9/18/2023 through 9/30/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread G Project.  The Environmental Auditor communicated with all Spread LEIs on 9/28/2023 regarding the Bi-Weekly reporting period and the Q3 2023 reporting period ending on 9/30/2023.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.
REQUIRED FINDINGS AND CONCLUSIONS		
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes	
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes	
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes?	Yes	



# Mountain Valley Pipeline Project – Spread H

## Environmental Auditor Quarterly Report for Q3 2023

### October 15, 2023

---

#### **Environmental Auditor Contact Information**

Joe Crea, CPESC, CPSWQ  
Tetra Tech  
661 Anderson Drive, Suite 200  
Pittsburgh, Pennsylvania 15220

#### **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 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 Department of Environmental Quality (VADEQ) Erosion and Sediment Control (ESC)/Stormwater Management (SWM) Inspector Certifications. In addition to these Certifications, the LEI also obtained the VADEQ Program Administrator Certification. The MVP Environmental inspection staff is responsible for conducting routine daily inspections and inspecting all 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+00-12600+00
  - 12600+00-13141+65
  - 13141+65-13422+00
  - Laydown Yards: PY-006 and LY-049

Forward construction progress occurred in these areas on Spread H during the Q3 reporting period.

- 12544+00-12600+00
- 12796+62-12866+24

Travel lanes and temporary bridge crossings have been established at environmental resources and their respective buffers in previously active construction areas at MVP-RO-286 (S-IJ43/W-IJ36) and MVP-RO-287 (S-Y7, S-Y8, and W-Y2).

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

- 12009+00-12011+63; 12113+00-12115+00
- 12145+50-12147+50; 12147+50-12152+00
- 12212+00-12216+00; 12235+00-12281+00
- 12691+05-12697+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 throughout the Q3 reporting period:

- Daily MVP Punch Lists (includes VADEQ findings);
- Environmental Auditor Bi-Weekly Reports;
- Weekly meetings with MVP staff and the LEIs;
- Stormwater Pollution Prevention Plan VSIRs;
- Spread H Rain Gauge Data;
- Spread H Scatter Sheets (Contractor Available Resources and Daily Work Locations);
- Annual Project Specific Standards and Specifications;
- Oil Discharge Contingency Plan (ODCP) Inspection reports;
- Storm Water Pollution Prevention Plans, Erosion and Sediment Control Plans, and Post Construction Stormwater Management Plans;
- Landowner/Third party complaints submitted to the VADEQ on 8/23/2023, 8/24/2023, 8/27/2023, 9/7/2023, 9/10/2023, 9/23/2023, and 9/29/2023 (Source: VADEQ website);
- MVP 48-Hour Aquatic Resource Notifications;
- Spread H Resource Crossing Activity Spreadsheet;
- VA Off Right of Way Sediment Impact Tracker Spreadsheet;
- Agency Compliance Forms (Problem Areas Reports); and
- Notice of Force Majeure Declaration and supporting documentation submitted on 7/24/2023.

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

The following sections III. through VI. provide an overall for the Q3 reporting period. **Please refer to the attached Environmental Auditor Bi-Weekly Reports for further detailed information.**



### **III. Quarterly Summary of Environmental Inspector Observations**

Per Table H-1A, the EIs observed at total of 234 daily punchlist items (includes Carry Over items) requiring repair/maintenance throughout the Q3 reporting period. The Environmental Auditor noted 4 items identified by the EIs as ESC measures damaged due to impacts caused by third party activities related to landowner traffic, wildlife traffic, and unauthorized traffic. The ESC measures were subsequently repaired/maintained within the required timeframes and no environmental resources were impacted.

During the Q3 reporting period the Spread H Environmental inspection staff observed four off right of way impacts within upland locations and one environmental resource impact at S-MM13.

On 7/14/2023, the EI identified two off right of way gravel impacts within upland areas along locations of the MVP-MN-276.03 access road as a result of a prolonged rainfall event that occurred early evening on 7/13/2023 into early morning on 7/14/2023. The event caused gravel to become displaced from the access road and overwhelming the ESC measures. The gravel traveled approximately 40 feet off right of way at both locations. The VADEQ was immediately notified and the ESC measures were repaired/maintained and enhanced. Landowner access was granted at one location on 7/14/2023 and subsequently the second location on 7/17/2023 due to restricted access. An extension request was submitted to and approved by the VADEQ on 7/15/2023 due to the restricted access. The off right of way gravel was removed and stabilization occurred at both locations within the required timeframes. No environmental resources were impacted. Agency Compliance Forms (Problem Area Report #714 and #716) were submitted by the EI on 7/14/2023. **Refer to Section VI. below for further discussion.**

On 7/14/2023, the EI identified an off right of way impact within an upland area east of MVP-MN-270 as a result of a prolonged rainfall event that occurred early evening on 7/13/2023 into early morning on 7/14/2023. The rainfall event caused a waterbar end sump to become overwhelmed and sediment traveled approximately 15 feet off right of way. The VADEQ was immediately notified, the ESC measures were repaired/maintained and enhanced, landowner access granted, off right of way sediment removed and stabilization occurred within the required timeframe. No environmental resources were impacted. An Agency Compliance Form (Problem Area Report #713) was submitted by the EI on 7/14/2023. **Refer to Section VI. below for further discussion.**

On 7/14/2023, the EI identified an environmental resource impact at S-MM13 west of MVP-MN-270.01 as a result of a prolonged rainfall event with intervals of high intensity/short duration rainfall that occurred early evening on 7/13/2023 into early morning on 7/14/2023. The rainfall event caused undermining at a sediment control measure subsequently transporting a trace amount of visible sediment into S-MM13. The sediment impacted approximately 20 feet of the stream. The VADEQ was immediately notified, the ESC measures were repaired/maintained on 7/14/2023, and enhanced on 7/15/2023 within the required timeframe. Upon inspecting S-MM13, the VADEQ inspector determined cleanup was not practical due to the trace amount of sediment that appeared as a thin film in a small area of the streambed. An Agency Compliance Form (Problem Area Report #717) was submitted by the EI on 7/15/2023. A Declaration of Force Majeure was submitted to the VADEQ on 7/24/2023 due to the magnitude of the rainfall event. Prior to this event, the Environmental Auditor and supporting SWPPP VSIR inspections conducted by the Spread H Environmental inspection staff observed the ESC measures installed and functional at this location. The Spread H Environmental inspection staff continues to monitor this location and provide documentation within the respective SWPPP VSIRs. **Refer to Section VI. below for further discussion.**

On 8/30/2023, the EI identified an off right of way impact within an upland area west of MVP-FR-289 as a result of a heavy rainfall event that occurred late on 8/27/2023 into early morning on 8/28/2023. The rainfall event caused a slope to slough on 8/30/2023, resulting in an end sump becoming overwhelmed, and sediment traveled approximately 5 feet off right of way. The VADEQ was immediately notified, the ESC measures repaired/maintained, landowner access granted, off right of way sediment removed and stabilization occurred within the required timeframe.

No environmental resources were impacted. An Agency Compliance Form (Problem Area Report #746) was initiated by the EI on 8/30/2023 and completed on 9/1/2023. **Refer to Section VI. below for further discussion.**

During the Q3 reporting period all items provided on the punchlist were communicated to the contractor Environmental staff and addressed within the VADEQ approved timeframe (24 hours/Three Days or as extended by VADEQ authorization). **Refer to Table H-1A and the respective Bi-Weekly Reports for further discussion.**

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

**Table H-1A**

Spread H Environmental Inspector Observations: July 1, 2023 – September 30, 2023					
Monthly Observation	Total Number Observations	Environmental Resource Impacts	Off Right of Way Impacts	Right of Way Impacts Caused by Third Parties	Weather Related Damage
July 2023	*67	1	3	2	0
August 2023	*88	0	1	2	0
September 2023	79	0	0	0	0

\* Includes Carry Over Items

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

The EIs conducted a total of 209 SWPPP inspections and provided respective VSIRs throughout the Q3 reporting period. Upon review of the SWPPP VSIRs, the EIs' observations were documented within the daily MVP Punchlists, communicated to the contractor, and noted issues were maintained/repared within the same day or within the VADEQ approved timeframe (24 Hours/Three Days or as extended by VADEQ authorization).

The ODCP inspectors conducted ODCP site inspections at Laydown Yard PY-006 throughout the Q3 reporting period. Twenty-five inspections were conducted in July, 29 inspections were conducted in August, and 27 inspections were conducted in September. On 7/31/2023, two small spills (diesel and DEF) were observed during the ODCP inspection. The ODCP inspector immediately notified the contractor, the spills were cleaned up, and materials properly disposed the same day. On 8/5/2023, a small diesel spill was observed during the ODCP inspection. The ODCP inspector immediately notified the contractor, the spill was cleaned up, and materials properly disposed the same day. On 8/28/2023 a small spill from a drip pan was observed during the ODCP inspection. The ODCP inspector immediately notified the contractor, the spill was cleaned up, and materials properly disposed the same day. On 8/29/2023 a small spill from a drip pan was observed during the ODCP inspection. The ODCP inspector immediately notified the contractor, the spill was cleaned up, and materials properly disposed the same day. No environmental resources were impacted and none of the spills exceeded the reportable quantity. Additional documentation was provided within the respective ODCP inspection reports. The Environmental Auditor provided recommendations to conduct QA/QC on the ODCP inspection reports to ensure all spills and related photos are properly documented.

An approximate total of 29 recordable precipitation events occurred during the Q3 reporting period. From early evening 7/13/2023 through early morning on 7/14/2023, a prolonged precipitation event with storms containing intervals of high intensity/short duration rainfall produced approximately 2.8 inches in 13 hours. This event caused ESC measures throughout an access road (MVP-MN-276.03) to become overwhelmed resulting in off right of way gravel impacts within upland areas.

This event also resulted in an off right of way sediment impact within an upland area at another location where a waterbar end sump became overwhelmed. These impacts were identified by the Spread H Environmental inspection staff on 7/14/2023. **Refer to discussion above, Table H-1B, and Section VI. for further discussion.**

From early evening 7/13/2023 through early morning on 7/14/2023, a prolonged precipitation event with storms containing intervals of high intensity/short duration rainfall produced approximately 2.8 inches in 13 hours. This event caused undermining at a sediment control measure subsequently transporting a trace amount of sediment into S-MM13. The environmental resource impact was identified by the Spread H Environmental inspection staff and the VADEQ on 7/14/2023. **Refer to discussion above, Table H-1B, Section IV., and Section VI. for further discussion.**

From late 8/27/2023 into early morning 8/28/2023, a heavy precipitation event with intervals of high intensity/short duration rainfall produced approximately 3.6 inches of rainfall in 8.5 hours. This event caused a slope to slough on 8/30/2023 which overwhelmed an end sump resulting in an off right of way impact within an upland area. This impact was identified by the Spread H Environmental inspection staff on 8/30/2023. **Refer to discussion above, Table H-1B, Section IV., and Section VI. for further discussion.**

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 Q3 reporting period:

**Table H-1B**

Spread H Rainfall and Duration Rates: July 1, 2023 – September 30, 2023					
July		August		September	
Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
7/3/2023	0.6"-1.0" - 10 Hours *Rainfall occurred from 3/31/2023 into early 4/1/2023	8/4/2023	0.3"-1.0" - 10 Hours *Steady light rain occurred on 8/3/2023	9/8/2023	0.3"-3.0" - 3 Hours *Heavy thunderstorms occurred late 9/7/2023 and 9/8/2023
7/10/2023	0.3"-0.6" - 5.5 Hours *Scattered rainfall occurred on 7/9/2023	8/7/2023	0.3"-0.9" - 4.25 Hours *Isolated storms occurred on 8/6/2023	9/10/2023	0.2"-2.5" – 2 Hours *Heavy thunderstorms with areas of high intensity/short duration rainfall occurred on 9/9/2023
7/14/2023	1.8"-3.0" - 13 Hours *Scattered thunderstorms with high intensity/short duration rainfall occurred from early evening 7/13/2023 into early morning 7/14/2023	8/11/2023	0.1"-0.3" - 5 Hours *Steady light rainfall occurred on 8/10/2023	9/11/2023	0.1"-0.4" - 4 Hours *Scattered showers occurred on 9/10/2023
7/16/2023	0.2"-3.2" - 2.25 Hours *Isolated heavy thunderstorms with areas of high intensity/short duration rainfall occurred on 7/15/2023 and 7/16/2023	8/13/2023	0.0"-0.5" - .25 Hours *And isolated storm event occurred late on 8/12/2023	9/12/2023	0.0"-0.2" - .66 Hours *Isolated showers occurred on 9/11/2023
7/18/2023	0.0"-0.1" -1 Hour *Rainfall occurred late 7/17/2023	8/15/2023	0.0"-0.3" - .75 Hours *Isolated rain showers occurred on 8/14/2023	9/13/2023	0.0"-1.1" - 1 Hour *A high intensity/short duration storm event occurred on 9/12/2023
7/19/2023	0.6"-1.1" - 2.5 Hours	8/26/2023	0.0"-0.3" - 3 Hours *Rain showers occurred on 8/25/2023	9/17/2023	0.0"-0.2" - 2 Hours

Spread H Rainfall and Duration Rates: July 1, 2023 – September 30, 2023					
July		August		September	
Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
7/21/2023	0.0"-1.1" - 1.5 Hours *A thunderstorm with high intensity/short duration rainfall occurred late 7/20/2023	8/28/2023	0.3"-3.6" - 8.5 Hours *Heavy rainfall with areas of high intensity/short duration rainfall occurred from late 8/27/2023 into early 8/28/2023	9/18/2023	0.1"-0.4" - 6.5 Hours *Rainfall occurred on 9/17/2023
7/24/2023	0.0"-0.4" - 5 Hours *Intermittent showers occurred on 7/23/2023	8/29/2023	0.0"-0.2" - 12 Hours *Scattered showers occurred throughout the day on 8/28/2023	9/22/2023	0.2"-0.4" - 4 Hours *Light rainfall from Tropical Storm Ophelia began early on 9/22/2023
7/27/2023	0.0"-0.3" - 1 Hour *Rain showers occurred on 7/26/2023	8/30/2023	0.0"-0.3" - 3.5 Hours *Isolated showers occurred on 8/29/2023	9/24/2023	0.3"-1.0" - 11.5 Hours *Continued light rainfall from Tropical Storm Ophelia occurred on 9/23/2023
7/29/2023	0.1"-0.4" - 1 Hour *Thunderstorms occurred late afternoon on 7/28/2023			9/27/2023	0.0"-0.3" - 24 Hours *Intermittent light rain began early on 9/26/2023 through early 9/27/2023

#### IV. Quarterly Summary of VADEQ Observations

Per Table H-1C, the VADEQ Inspectors observed a total of 18 items (includes Carry Over items) requiring repair/maintenance throughout the Q3 reporting period. The Environmental Auditor noted no items identified by the VADEQ as ESC measures damaged due to third party impacts throughout the Q3 reporting period. The items provided on the daily MVP Punchlists throughout the Q3 reporting period were communicated to the contractor Environmental staff and addressed within the VADEQ approved timeframe (24 hours/Three Days or as extended by VADEQ authorization).

On 7/14/2023, the VADEQ inspector in conjunction with the Spread H Environmental inspection staff observed a minor environmental resource impact at S-MM13 west of MVP-MN-270.01 due to the prolonged rainfall event from early evening on 7/13/2023 into early morning on 7/14/2022. The VADEQ inspector evaluated S-MM13 and determined that no clean-up was necessary due to the trace amount of sediment resulting from the upslope ESC measure becoming undermined. **Refer to Section III., Table H-1C, Section VI., and the respective Bi-Weekly Reports for further detailed information.**

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

**Table H-1C**

Spread H VADEQ Observations: July 1, 2023 – September 30, 2023					
Monthly Observation	Total Number Observations	Environmental Resource Impacts	Off Right of Way Impacts	Right of Way Impacts Caused by Third Parties	Weather Related Damage
July 2023	*3	**1	0	0	0
August 2023	*10	0	0	0	0
September 2023	***5	0	0	0	0

\* Includes Carry Over Items

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

## **V. Quarterly Summary of Landowner/Third Party Issues**

The Environmental Auditor noted 10 formal landowner/third party complaints submitted to the VADEQ for the Spread H Project during the Q3 reporting period.

- A third party complaint was filed with the VADEQ on 8/23/2023 (Pollution Investigation Report\_IR#310611). The complainant alleged that "MVP ignoring their own wetland delineation markers". Per letters from the US Army Corps of Engineers (USACOE) 12/21/2017 and the VADEQ on 1/23/2018, both agencies determined that W-KL15 and W-KL16 are not regulated wetlands. As a result of the agencies determinations these areas have not been reflagged as wetlands in the field. Updated ESC Plan sheets are being developed to clarify W-KL15 and W-KL16 are not regulated features. Per the Closure section of the IR on 8/29/2023, the VADEQ concluded no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 8/24/2023 (Pollution Investigation Report\_IR#310623). The complainant cited "Fugitive dust from Mountain Valley pipeline construction" at Honeysuckle Road, Roanoke County. The Environmental Auditor noted extremely dry conditions between 8/15/2023 and 8/28/2023 and watering occurring on Honeysuckle Road. However, it appeared that the road was drying at a fast rate following spraying activities during heavy vehicle traffic. A rainfall event which occurred late 8/27/2023 into early 8/28/2023 provided adequate moisture to reduce dust from heavy traffic. Based on communications with the Spread H Environmental staff, additional trucks will be stationed at Honeysuckle Road to mitigate fugitive dust during dry conditions. Per the Closure section of the IR on 8/29/2023, the VADEQ concluded no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 8/27/2023 (Pollution Investigation Report\_IR #310641). The complainant alleged "woody debris covering stream across entire pipeline ROW". The "stream" cited in the complaint is S-EF20a at Yellow Finch Lane (GAS). The "woody debris" cited within the complaint was actually timber felled by law enforcement in 2023 due to opposition activity within this location. On 8/28/2023 the VADEQ conducted an inspection at this location and determined no issues were related to project activities. On 8/29/2023, the Environmental Auditor observed the felled timber removed by the contractor. However, the Environmental Auditor observed residual felled timber and waste debris caused by previous third party opposition immediately downstream of the right of way. Per the Closure section of the IR on 8/29/2023, the VADEQ concluded no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 8/27/2023 (Pollution Investigation Report\_IR #310661). The complainant alleged that previous installed "erosion blanket - a plastic netting" installed by the contractor in 2021 "had not been properly removed before excavation of soil resumed recently Aug 2023". Based on inspections conducted by the Spread H Environmental inspection staff, VADEQ, and evaluations conducted by the Environmental Auditor, erosion control blanket and related anchoring pins are being removed prior to construction activities. The blanket netting is either photodegradable or biodegradable. During final grading activities, any material/debris will be removed by the contractor prior to the final restoration process. Per the Closure section of the IR on 8/29/2023, the VADEQ concluded no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 9/7/2023 (Pollution Investigation Report\_IR #310786). The complainant alleged "sediment running into wetland and stream" due to "failed E&S measures on pipeline ROW" and "stream obstructed with construction debris thrown off the LOD". Based on communication with the Spread H LEI, the VADEQ conducted an inspection at this location on 9/8/2023 and determined no issues were related to project activities. The Environmental Auditor reviewed the daily MVP Punchlists and SWPPP VSIRs and noted no off right of way or environmental resource impacts. The Environmental Auditor conducted site evaluations on 9/4/2023 and observed repair/maintenance underway and no impacts to S-EF20/W-EF5.

The Environmental Auditor conducted a follow up evaluation on 9/12/2023 and observed the ESC measures installed and functional and no impacts to S-EF20/W-EF5. Per the 9/3/2023 Environmental Auditor Bi-Weekly Report, residual felled timber and waste debris was caused by previous third party opposition immediately downstream of the right of way. Per the Closure section of the IR on 9/22/2023, the VADEQ concluded no compliance issues were observed.

- An initial third party complaint was filed with the VADEQ on 9/10/2023 citing the incident time at 11:16 am (Pollution Investigation Report\_IR #310804). The complainant alleged "sediment from Access Road enter wetland and stream below the ROW". Based on communication with the Spread H LEI, the VADEQ conducted an inspection at this location on 9/11/2023 and determined the ESC measures were in compliance and no impacts occurred to S-EF20/W-EF5. The Environmental Auditor reviewed SWPPP VSIRs and noted no off right of way or environmental resource impacts. The Environmental Auditor conducted a site evaluation on 9/12/2023 and observed the ESC measures installed and functional and no impacts to S-EF20/W-EF5. Per the Closure section of the IR on 9/13/2023, the VADEQ concluded the ESC measures were observed to be installed and functional and no project related impacts were observed to S-EF20/W-EF5.
- A follow up third party complaint from the observations noted in IR #31804 was filed with the VADEQ on 9/10/2023 citing the incident time at 4:00 pm (Pollution Investigation Report\_IR #310805). The complainant alleged "sediment from Access Road enter wetland and stream below the ROW". Based on communication with the Spread H LEI, the VADEQ conducted an inspection at this location on 9/11/2023 and determined the ESC measures were in compliance and no impacts occurred to S-EF20/W-EF5. The Environmental Auditor reviewed SWPPP VSIRs and noted no off right of way or environmental resource impacts. The Environmental Auditor conducted a site evaluation on 9/12/2023 and observed the ESC measures installed and functional and no impacts to S-EF20/W-EF5. Per the Closure section of the IR on 9/13/2023, the VADEQ concluded the ESC measures were observed to be installed and functional and no project related impacts to S-EF20/W-EF5.
- A third party complaint was filed with the VADEQ on 9/23/2023 (Pollution Investigation Report\_IR #310972). The complainant alleged "sediment from pipeline work area running into drainage for Roanoke River". The VADEQ conducted an inspection at this location on 9/25/2023 and determined the ESC measures were in compliance. The Environmental Auditor conducted a site evaluation on 9/28/2023 and observed the ESC measures installed and functional and no off right of way impacts. The Environmental Auditor communicated with the Spread H LEI, Chief EI, and MVP Environmental staff to augment ESC measures in areas of the additional temporary workspace area. Per the Closure section of the IR on 9/26/2023, the VADEQ concluded the ESC measures were observed to be installed and functional and no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 9/23/2023 (Pollution Investigation Report\_IR #310973). The complainant alleged "sediment from ROW running into wetland". The VADEQ conducted an inspection at this location on 9/25/2023 and determined the ESC measures were in compliance and no impacts occurred to S-EF20/W-EF5. The Environmental Auditor reviewed SWPPP VSIRs and noted no off right of way or environmental resource impacts. The Environmental Auditor conducted a site evaluation on 9/28/2023 and observed the ESC measures installed and functional and no impacts to S-EF20/W-EF5. Per the Closure section of the IR on 9/27/2023, the VADEQ concluded the ESC measures were observed to be installed and functional, no project related impacts were observed at environmental resources, and no compliance issues were observed.

- A third party complaint was filed with the VADEQ on 9/29/2023 (Pollution Investigation Report\_IR #311022). The complainant alleged "MVP completely covering" stream, wetlands, and a spring box and debris "is being piled on top of the resources". Based on communication with the Spread H LEI, the VADEQ conducted an inspection at this location on 9/30/2023 and determined that construction was within the permitted right of way, ESC/Pollution Prevention measures were in compliance, and no impacts occurred to the environmental resources and spring box. Per the VADEQ website formal Closure remains pending.

## **VI. Quarterly Summary of Environmental Auditor Observations and Recommendations**

Per Table H-1D, the Environmental Auditor conducted 104 site evaluations during the Q3 reporting period and observed upland, stream crossings and stream bore locations where Pollution Prevention and ESC measures required repair/maintenance or additional (enhanced) ESC measures be installed.

During the Q3 reporting period, the Environmental Auditor evaluated the ESC, Pollution Prevention, and SWM measures throughout the project for proper installation and functionality. The Environmental Auditor also reviewed and provided recommendations related to daily MVP Punchlists, SWPPP VSIRs, and ODCP inspection reports. The Environmental Auditor communicated observations and recommendations to the Spread H LEI, Assistant LEI, Chief EI, onsite EIs, contractor Environmental staff, and MVP Environmental staff. Repair/maintenance items and most recommendations were forwarded to the contractor Environmental staff by the Spread H Environmental inspection staff and subsequently addressed. The Environmental Auditor provided the following detailed technical and administrative/documentation recommendations:

### **Technical Recommendations**

- Conduct vegetative clearing where ESC measures (especially waterbar end sumps and perimeter sediment controls) cannot be inspected/maintained for functionality due to thick vegetative cover.
- Evaluate pumped water filter bags and straw bale containment structures (dewatering facilities) to ensure they level per the ESC Plan requirements for proper functionality. Utilize the correct size pumped water filter bags based on pumping rates. Coordinate with the contractor as necessary to reinstall any dewatering facility not meeting the ESC Plan requirements.
- Install slope drains where waterbars will discharge down slopes into waterbar end sumps and install rip rap at the pipe inlet and outlet per the ESC Plan requirements.
- Install soil stabilization blanket (SSB) within flow paths (waterbar and Clean Water Diversion dikes) as necessary.
- Implement frequent Dust Control measures on access roads and the right of way as necessary.
- Conduct frequent soil build up/removal at temporary bridge crossings throughout each day as necessary.
- Install additional/enhanced ESC measures as necessary throughout the right of way and access roads to prevent potential off right of way impacts and to minimize daily MVP Punchlist corrective action items.
- Ensure that onsite equipment/materials and pipe coating operations have secondary containment measures properly installed and maintained.
- Install additional ESC measures on travel lane slope approaches to temporary bridge crossings at environmental resources.

### **Administrative/Documentation Recommendations**

- Conduct QA/QC to ensure consistency and thoroughness between the daily MVP Punchlists and SWPPP VSIRs. Ensure photo documentation within the VSIRs is sufficient for a given inspection coverage area especially locations where active earth disturbance and environmental resource open cut/bore activities are occurring.

The Environmental Auditor also provided recommendations to monitor ESC measures throughout the project and conduct repair/maintenance/enhancements and restabilization activities as necessary to meet the ESC Plan requirements.

On 7/18/2023, the Environmental Auditor evaluated the right of way locations where an environmental resource and upland areas were impacted due to a prolonged rainfall event that occurred early evening on 7/13/2023 into early morning on 7/14/2023 followed by subsequent storm events. The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluations. The Environmental Auditor, accompanied by the Spread H Assistant LEI, observed the ESC measures enhanced where the minor environmental resource impact occurred at S-MM13. The Environmental Auditor noted that this downstream location observed by the VADEQ and Spread H Environmental inspection staff could have been impacted by erosion within the soft bottom streambed upstream from the location during the storm event. The Environmental Auditor observed the ESC measures repaired and the gravel removed from the off right of way areas at the MVP-MN-276.03 access road. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to installing additional/enhanced ESC measures along the MVP-MN-276.03 access road to minimize ongoing maintenance activities and potential future off right of way impacts. The Environmental Auditor also recommended installing additional sediment control measures where the minor environmental resource impact occurred at S-MM13. The Spread H Environmental inspection staff and the Environmental Auditor continued to monitor these locations throughout the Q3 reporting period.

On 7/19/2023, the Environmental Auditor evaluated the right of way location east of MVP-MN-270 where an off right of way impact occurred at an upland area due to a prolonged rainfall event that occurred early evening on 7/13/2023 into early morning on 7/14/2023 followed by subsequent storm events. The Environmental Auditor observed the sediment removed and the impacted area stabilized. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, onsite EI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to conducting maintenance at all waterbar end sumps per the ESC Plan requirements and installing soil stabilization blanket (SSB) in areas where straw mulch could potentially be ineffective due to concentrated flow conditions. The Spread H Environmental inspection staff and the Environmental Auditor continued to monitor this location throughout the Q3 reporting period.

On 8/31/2023, the Environmental Auditor met with the onsite EIs and evaluated the right of way location west of MVP-FR-289 where an off right of way impact occurred at an upland area due to a heavy rainfall event that occurred late 8/27/2023 into early 8/28/2023. The Environmental Auditor observed the off right of way sediment removed and repair/maintenance activities underway at the time of the evaluation. The Environmental Auditor communicated with the onsite EIs and LEI regarding long term slope stability and was informed that the slope will be regraded to decrease steepness and soil stabilization matting (SSM) installed. The Spread H Environmental inspection staff and Environmental Auditor continued to monitor this location throughout the remainder of the Q3 reporting period.

On 8/25/2023, the Environmental Auditor met with the onsite EIs and discussed the installation of a CWD pipe system as grading operations were progressing. On 9/5/2023 the Environmental Auditor observed the CWD pipe system not installed per the Construction Sequence requirements within the ESC Plan. The Environmental Auditor communicated with the onsite EI, Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding the CWD pipe system not in compliance per the ESC Plans.



Based on subsequent communication with the Spread H Environmental staff, the CWD pipe system was installed on 9/6/2023. The Environmental Auditor conducted a follow up evaluation on 9/11/2023 and observed the CWD pipe system installed and functional.

The Spread H Environmental inspection staff, contractor Environmental staff, Chief EI, and Environmental Auditor continue to monitor locations throughout the right of way and communicate/coordinate to repair/maintain and implement additional (enhanced) ESC measures as necessary. The Environmental Auditor continues to communicate with the Spread H LEI, Chief EI, and MVP Environmental staff on a regular basis. Discussions entail project feedback, technical support, and recommendations/guidance to maintain compliance with the Annual Standards and Specifications.

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

**Table H-1D**

Environmental Auditor Field Observations: July 1, 2023 – September 30, 2023	
Month	Total Observations
July 2023	26
August 2023	39
September 2023	39

## **VII. Conclusion(s)**

Per Section IV. (b) (1) of the Consent Decree, the Environmental Auditor conducted site evaluations, evaluated daily MVP Punchlists, ODCP Inspection reports, SWPPP VSIRs, communicated with the Spread H Environmental inspection staff, Chief EI, and the MVP Environmental staff 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, a Clean Water Diversion pipe system was not installed per the Construction Sequence within the required 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 contractor Environmental staff) were sufficient to regularly and consistently conduct routine maintenance and/or repair ineffective ESC measures in a timely manner throughout the Q3 reporting period. The Environmental Auditor recommends continued communication between the MVP Spread H Environmental inspection staff and the contractor Environmental staff to ensure all ESC measures are properly installed/functional and enhanced where necessary to maintain compliance with the approved ESC Plans and Annual Standards and Specifications.

As the VADEQ is aware, there are instances noted in the Q4 2019 through Q2 2023 Reports in which sediment has left the ROW but MVP's requests for landowner permission to take corrective measures have been denied. Therefore, in accordance with Section IV.a of the Consent Decree, the Environmental Auditor concludes that all alleged instances of non-compliance with MVP's Annual Standards and Specifications, MVP's Site-Specific ESC and SWM Plans, and Clean Water Act Section 401 Water Quality Certification No. 17.001 addressed in the Consent Decree that are within MVP's power to correct have been corrected.



LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
<b>ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS</b>			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
7/5/2023	The Environmental Auditor conducted site evaluations at Webster Corner Road (GAS) and MVP-FR-292 (CIS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Chief EI, and MVP Environmental staff regarding the following recommendations: restabilizing disturbed areas, ensuring ESC measures are properly installed and functional at the end of each work day and prior to a rainfall event, and installing applicable ESC measures within travel lane slope approaches to environmental resources.	
7/6/2023	The Environmental Auditor conducted site evaluations: MVP-MN-273 (GAS), Flatwoods Road (CIS/GAS), and MVP-MN-272 (CIS/GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Chief EI, and MVP Environmental staff regarding recommendations to install enhanced ESC measures within newly graded areas where concentrated flow will occur, conducting temporary stabilization per the ESC Plan requirements, and utilizing properly sized pumped water filter bags based on pumping rates for dewatering activities.	
7/1/2023 through 7/9/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRS, and ODCP reports to be compliant during this reporting period for the Spread H Project.  The Environmental Auditor communicated with all Spread LEIs on 7/6/2023 regarding the Partial Bi-Weekly reporting period ending on 7/9/2023. The Environmental Auditor recommended the following: stabilizing slopes above environmental resources and installing an adequate sediment control measure (other than current wattles) at the toe of the slope near the temporary bridge crossing in areas disturbed via active construction activities, ensuring waterbars are properly reconstructed per the ESC Plan requirements, implementing temporary stabilization per the ESC Plan requirements, and monitoring locations under active construction and installing enhanced ESC measures as needed.	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 and Environmental Coordinator, 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.  The Environmental Auditor continues to communicate with the Spread H LEI regarding inconsistency between the daily MVP Punchlists and SWPPP VSIRS related to third party impacts documentation.	
<b>REQUIRED FINDINGS AND CONCLUSIONS</b>			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

Report Period Ending: 7/23/2023  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: **31** conducted from 7/10/2023 through 7/23/2023 (includes PY-006)  
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 7/10/2023 through 7/23/2023 (includes Carry Over Items from 7/9/2023): **45**  
 Total Number of ODCP Inspections at Laydown Yard PY-006: **6** (7/10/2023 through 7/15/2023); **6** (7/17/2023 through 7/22/2023)  
 Total Number of VA DEQ Observations from 7/10/2023 through 7/23/2023 (includes Carry Over Items from 7/9/2023): **2** (\*One item identified on 7/14/2023 was redundant as it was initially observed and reported by the EI)  
 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: **3** (1. Two off right of way access road gravel impacts within upland areas were observed on 7/14/2023 as a result of a prolonged rainfall event that occurred early evening on 7/13/2023 into early morning on 7/14/2023. This event, with storms containing intervals of high intensity/short duration rainfall, produced approximately 2.8 inches of rainfall in approximately 13 hours causing gravel to become displaced from an access road (MVP-MN-276.03) and overwhelming the ESC measures. The VADEQ was immediately notified and landowner permission was granted at one location to removal the gravel. Landowner permission was granted at the second location on 7/17/2023 to remove the gravel. This location received an extension request approval via the VADEQ due to restricted access. The ESC measures were repaired/maintained and enhanced and the off right of way gravel removed at both locations within the required timeframes. Prior to this event, the Spread H Environmental inspection staff conducted SWPPP inspections and observed the ESC measures installed and functional. 2. One off right of way sediment impact occurred in an upland area on 7/14/2023 as a result of the rainfall event that occurred early evening on 7/13/2023 into early morning on 7/14/2023 causing a waterbar end sump to become overwhelmed. The VADEQ was immediately notified, ESC measures were repaired/maintained, landowner access granted, off right of way sediment clean up and stabilization occurred within the required timeframe. **Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations below for further discussion.**  
 Total Number of Environmental Resource Impacts: **1** (An minor environmental resource sediment impact at S-MM13 was observed on 7/14/2023 as a result of a prolonged rainfall event that occurred early morning on 7/14/2023. This event, with intervals of high intensity/short duration rainfall, produced approximately 2.8 inches of rainfall in 13 hours causing a sediment control to be undermined. The VADEQ was immediately notified and conducted an inspection with the EI on 7/15/2023. Due to saturated conditions, the ESC measures were enhanced on 7/15/2023. Due to the trace amount of sediment that was observed, no clean up was warranted within S-MM13. A Courtesy Notice of Force Majeure Declaration was submitted to the VADEQ on 7/18/2023 due to the magnitude of this event). **Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations below for further discussion.**  
 Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: **0**  
**Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 7/10/2023 through 7/23/2023.**

CARRY OVER ITEMS FROM 7/9/2023

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	<p><b>2021</b>                      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, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, and 12/16/2021</p> <p><b>2022</b>                      1/17, 2/17, 3/17, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, 11/15, and 12/15/2022</p> <p><b>2023</b>                      1/16, 2/16, 3/15, 4/14, 5/15, 6/15, and 7/14/2023 to be completed on 8/17/2023</p>			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.
3/16/2022		1 (VADEQ)					1	<p><b>2022</b>                      1 VADEQ reminder on 3/16, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, 11/15, and 12/15/2022</p> <p><b>2023</b>                      1/16, 2/16, 3/15, 4/14, 5/15, 6/15, and 7/14/2023 to be completed on 8/16/2023                      (This item is an extension of a 3/13/2022 Daily Punchlist Item where the VADEQ has established a reminder to extend waterbars across the entire right of way when grubbing is completed within the currently stabilized area below the waterbars)</p>			This item is a reminder established by the VADEQ to extend waterbars across the entire right of way once grubbing activities occur within the existing stabilized area below the waterbars. This reminder will serve as an ongoing punchlist item to be extended on a monthly basis by the VADEQ until active earthmoving activities resume and the waterbars are extended across the entire length of the right of way to discharge off the right of way.

ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
7/10/2023	0.3"-0.6" - 5.5 Hours *Scattered rainfall occurred on 7/9/2023	5					5			3 on 7/10/2023 2 on 7/11/2023	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/11/2023		3					3			3 on 7/12/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/12/2023		4					4			1 on 7/12/2023 3 on 7/13/2023	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/14/2023	1.8"-3.0" - 13 Hours *Scattered thunderstorms with high intensity/short duration rainfall occurred from early evening 7/13/2023 into early morning 7/14/2023	17	1	3			17	1 on 7/15/2023 (Off right of way gravel impact extended indefinitely until landowner approval is granted)	3 on 7/14/2023 1 on 7/15/2023 1 on 7/17/2023 (Ext. Request)	5 on 7/14/2023 6 on 7/15/2023 1 on 7/17/2023	<p>Seventeen items were identified requiring repair/maintenance and completed within the required timeframe. Two of the identified items were identified as an off right of way gravel impacts approximately 40 feet and 40 feet off right of way within upland areas. A prolonged rainfall event with intervals of high intensity/short duration rainfall caused gravel to become displaced at MVP-MN-276.03 overwhelming the ESC measures and subsequently depositing gravel within upland locations. Landowner access was granted at one location on 7/14/2023 and subsequently the second location on 7/17/2023. An extension request due to restricted access was submitted and approved by the VADEQ on 7/15/2023. The ESC measures were repaired/maintained and enhanced and off right of way gravel removal occurred within the required timeframes. No environmental resources were impacted. Agency Compliance Forms (Problem Area Reports #714 and #716 ) were submitted by the EI on 7/14/2023. The Environmental Auditor evaluated these locations on 7/18/2023 and provided recommendations related to installing additional enhanced ESC measures. <b>Refer to Environmental Auditor Field Observations and Recommendations for further discussion.</b> One of the identified items was identified as an off right of way sediment impact approximately 15 feet off right of way within an upland area. A prolonged rainfall event with intervals of high intensity/short duration rainfall caused sediment to overwhelm a waterbar end sump. The VADEQ was immediately notified, landowner access granted, the impacted ESC measures were repaired/maintained, off right of way sediment removed and stabilization occurred within the required timeframe. No environmental resources were impacted. An Agency Compliance Form (Problem Area Report #713) was submitted by the EI on 7/14/2023. The Environmental Auditor evaluated this location on 7/19/2023 and provided recommendations related to conducting waterbar end sump maintenance throughout the right of way and installing additional enhanced ESC measures. <b>Refer to Environmental Auditor Field Observations and Recommendations for further discussion.</b></p> <p>On 7/14/2023, a minor environmental resource sediment impact was observed at S-MM13 due a prolonged rainfall event with intervals of high intensity/short duration rainfall. A thin film of sediment impacted approximately 20 feet of the stream. The rainfall event with intervals of high intensity/short duration rainfall caused a sediment control to become undermined near the temporary bridge crossing. Per the EI's and VADEQ observations, clean up was not practical due the trace amount of sediment. An Agency Compliance Form (Problem Area Report #717) was submitted by the EI on 7/15/2023. Due to the saturated site conditions, ESC measures were enhanced on 7/15/2023. The Environmental Auditor evaluated this location on 7/19/2023 and observed the ESC measures enhanced and provided recommendations to install additional sediment control measures. <b>Refer to Environmental Auditor Field Observations and Recommendations for further discussion.</b></p>
7/15/2023		1					1			1 on 7/15/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
7/17/2023		5					5			2 on 7/17/2023 3 on 7/18/2023	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/18/2023	0.0"-0.1" - 1 Hour *Rainfall occurred late 7/17/2023	2					2			2 on 7/19/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/19/2023	0.6"-1.1" - 2.5 Hours	1					1			1 on 7/19/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
7/20/2023		1					1			1 on 7/21/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
7/21/2023	0.0"-1.1" - 1.5 Hours *A thunderstorm with high intensity/short duration rainfall occurred late 7/20/2023	5					5			5 on 7/22/2023	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
7/14/2023	1.8"-3.0" - 13 Hours *Scattered thunderstorms with high intensity/short duration rainfall occurred from early evening 7/13/2023 into early morning 7/14/2023	*1 (Redundant item per Environmental Inspector Observation reported above on 7/14/2023)	1				1		1 on 7/15/2023		*One item was identified requiring ESC repair/maintenance and completed within the required timeframe. This item, which was an environmental resource impact at S-MM13, was also observed by the Spread H EI and noted in the Environmental Inspector Observations on 7/14/2023. Additional enhancements were made to the ESC measures and no sediment removal was necessary from the stream due to the trace amount of sediment which was observed as a thin layer of film in a small area of the streambed. <b>Refer to Environmental Inspector Observations.</b>

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
<b>ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS</b>			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
7/10/2023	The Environmental Auditor conducted site evaluations at Flatwoods Road (CIS/GAS) and MVP-MN-271 (CIS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Chief EI, and MVP Environmental staff regarding monitoring recommendations related to installing additional sediment controls as needed at Flatwoods Road (GAS).	
7/12/2023	The Environmental Auditor conducted site evaluations at the following locations: Cahas Mountain Road #1 (GAS), Webster Corner Road (CIS), and Wades Gap Road (GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Chief EI, onsite EI, and MVP Environmental staff regarding recommendations related to enhancing sediment control measures and ensuring site stabilization is conducted per the ESC Plan requirements.	
7/13/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-270 (GAS), MVP-MN-270.01 (CIS), and MVP-MN-272 (CIS/GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Chief EI, and MVP Environmental staff regarding monitoring recommendations related to installing/enhancing ESC measures and ensuring site stabilization is conducted per the ESC Plan requirements.	
7/18/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-270.01 (CIS), MVP-MN-278.01 (access road), MVP-MN-276.03 (access road), and Flatwoods Road (GAS).	<p>The Environmental Auditor evaluated the right of way where a prolonged rainfall event occurred early evening on 7/13/2023 into early morning on 7/14/2023 followed by subsequent storm events. The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluations.</p> <p>The Environmental Auditor evaluated the locations where off right of way impacts occurred within upland areas and the environmental resource impact at S-MM13. The Environmental Auditor, accompanied by the Spread H Assistant LEI, observed the ESC measures enhanced where the environmental resource impact occurred at S-MM13. The Environmental Auditor evaluated the area of the stream where the impact was documented by the VADEQ and Spread H EI and did not observe the color of the stream bottom sediment indicative to the reddish color of the soil disturbed within the right of way. The impact could have been from erosion within the soft bottom streambed upstream of this location due to the storm event. The Environmental Auditor observed the ESC measures repaired and the gravel removed from the off right of way locations at the MVP-MN-276.03 access road. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to installing additional/enhanced ESC measures along the MVP-MN-276.03 access road to minimize ongoing maintenance activities and potential future off right of way impacts. The Environmental Auditor also recommended installing additional sediment control measures where the environmental resource impact occurred at S-MM13.</p> <p>The Environmental Auditor accompanied the Spread H Assistant LEI and Geologist at the MVP-MN-278.01 access road to evaluate a slope adjacent to the access road where sloughing is occurring. It should be noted that the access road was constructed in a cut and fill condition and this issue is not project related.</p>	
7/19/2023	The Environmental Auditor conducted a site evaluation at MVP-MN-270 (GAS).	The Environmental Auditor evaluated the location where an off right of way sediment impact occurred within an upland area due to the prolonged rainfall event that occurred early on 7/14/2023 followed by subsequent storm events. The Environmental Auditor observed the sediment removed and the impacted area stabilized. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, onsite EI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to proper ESC measures installation, conducting maintenance at all waterbar end sumps per the ESC Plan requirements, and installing soil stabilization blanket (SSB) in areas where straw mulch could potentially be ineffective due to concentrated flow conditions.	
7/10/2023 through 7/23/2023	<p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread H Project.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 7/13/2023 and 7/20/2023 regarding the Bi-Weekly reporting period ending on 7/23/2023. The Environmental Auditor recommended the following: implementing temporary stabilization per the ESC Plan requirements, installing soil stabilization blanket in waterbar flow paths and where in areas where straw mulch becomes displaced, maintaining SWPPP VSIR consistency/thoroughness throughout each Spread, and ensuring consistency between the SWPPP VSIRs and daily MVP Punchlists related to third party impacts documentation.</p>	<p>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 and Environmental Coordinator, 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.</p>	
<b>REQUIRED FINDINGS AND CONCLUSIONS</b>			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

Report Period Ending: 8/6/2023  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 29 conducted from 7/24/2023 through 8/6/2023 (includes PY-006): Refer to Environmental Auditor Field Observations and Recommendations.

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 7/24/2023 through 8/6/2023 (includes Carry Over Items from 7/23/2023): 26

Total Number of ODCP Inspections at Laydown Yard PY-006: 6 (7/24/2023 through 7/29/2023); 7 (7/31/2023 through 8/6/2023): On 7/31/2023 the EI observed two small spills during the ODCP inspection. A diesel spill near the refueling station was immediately cleaned up and materials properly disposed. A DEF spill was immediately cleaned up and materials properly disposed. On 8/5/2023 the EI observed a small diesel spill near the refueling station. The spill was immediately cleaned up and the materials properly disposed the same day. No environmental resource impacts occurred. Refer to Environmental Auditor Field Observations and Recommendations regarding inspection report documentation recommendations.

Total Number of VA DEQ Observations from 7/24/2023 through 8/6/2023 (includes Carry Over Items from 7/23/2023): 1

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 7/24/2023 through 8/6/2023.

CARRY OVER ITEMS FROM 7/23/2023

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	2021 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, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, and 12/16/2021 2022 1/17, 2/17, 3/17, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, 11/15, and 12/15/2022 2023 1/16, 2/16, 3/15, 4/14, 5/15, 6/15, and 7/14/2023 to be completed on 8/17/2023			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.
3/16/2022		1 (VADEQ)					1	2022 1 VADEQ reminder on 3/16, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, 11/15, and 12/15/2022 2023 1/16, 2/16, 3/15, 4/14, 5/15, 6/15, and 7/14/2023 to be completed on 8/16/2023 (This item is an extension of a 3/13/2022 Daily Punchlist Item where the VADEQ has established a reminder to extend waterbars across the entire right of way when grubbing is completed within the currently stabilized area below the waterbars)			This item is a reminder established by the VADEQ to extend waterbars across the entire right of way once grubbing activities occur within the existing stabilized area below the waterbars. This reminder will serve as an ongoing punchlist item to be extended on a monthly basis by the VADEQ until active earthmoving activities resume and the waterbars are extended across the entire length of the right of way to discharge off the right of way.

ENVIRONMENTAL INSPECTOR OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
7/24/2023	0.0"-0.4" - 5 Hours *Intermittent showers occurred on 7/23/2023	3					3			3 on 7/24/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/25/2023		1					1			1 on 7/26/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
7/26/2023		6					6		1 on 7/26/2023	4 on 7/27/2023 1 on 7/28/2023	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/29/2023	0.1"-0.4" - 1 Hour *Thunderstorms occurred late afternoon on 7/28/2023	1					1			1 on 7/31/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
7/31/2023		2					2			2 on 8/1/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/1/2023		2					2			2 on 8/2/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/2/2023		1					1			1 on 8/3/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
8/3/2023		4					4			4 on 8/3/2023	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/4/2023	0.3"-1.0" - 10 Hours *Steady light rain occurred on 8/3/2023	4					4		1 on 8/4/2023	3 on 8/5/2023	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/5/2023		1					1		1 on 8/5/2023		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.



**VADEQ OBSERVATIONS**

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS

**LANDOWNER/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
7/25/2023	The Environmental Auditor conducted site evaluations at MVP-MN-276.03.	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance and installing enhanced ESC/runoff control measures along the access road.
7/26/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-268/268.01 (GAS), MVP-MN-272 (CIS/GAS), and Bradshaw Road (GAS).	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance and monitoring.
7/27/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-281, MVP-RO-282 (CIS/GAS), MVP-RO-287 (CIS/GAS), and MVP-FR-292 (CIS/GAS).	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation.
8/1/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-MLV-AR-27 (CIS), MVP-MN-279.01 (CIS/GAS), MVP-MN-272 (CIS/GAS), and MVP-MN-270.01 (CIS)	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to proper ESC measures installation along an access road, ESC measures repair/maintenance and monitoring.
7/24/2023 through 8/6/2023	<p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread H Project.</p> <p>The Environmental Auditor noted the Final Force Majeure Declaration notice related to the completion of clean-up and stabilization at S-MM13 was submitted to the VADEQ on 7/24/2023. Refer to the Environmental Auditor Bi-Weekly Report dated 7/23/2023.</p> <p>The Environmental Auditor communicated with the Spread H LEI regarding SWPPP VSIR documentation related to identifying corrective actions addressed from previous SWPPP inspections. The Environmental Auditor communicated with the Spread H LEI to provide photo documentation related to spills identified in ODCP inspection reports.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 7/27/2023 and 8/2/2023 regarding the Bi-Weekly reporting period ending on 8/6/2023. The Environmental Auditor provided several technical recommendations to prepare for upcoming active construction and documentation recommendations related to SWPPP VSIRs and daily MVP Punchlists.</p>	<p>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 and Environmental Coordinator, 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.</p> <p>The Environmental Auditor recommends conducting QA/QC on SWPPP VSIRs and ODCP reports to ensure documentation is complete throughout all sections.</p>

**REQUIRED FINDINGS AND CONCLUSIONS**

	Yes/No	If No, provide explanation and recommendation for corrective action (if any).
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes	
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes	
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes	



Report Period Ending: 8/20/2023  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 36 conducted from 8/7/2023 through 8/20/2023 (includes PY-006)
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 8/7/2023 through 8/20/2023 (includes Carry Over Items from 8/6/2023): 36
Total Number of ODCP Inspections at Laydown Yard PY-006: 7 (8/7/2023 through 8/13/2023); 6 (8/14/2023 through 8/19/2023): Small holes were observed under secondary containment during an ODCP inspection on 8/17/2023 and documented as repaired in the 8/18/2023 ODCP inspection report. No leaks or spills were observed.
Total Number of VA DEQ Observations from 8/7/2023 through 8/20/2023 (includes Carry Over Items from 8/6/2023): 2
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 8/7/2023 through 8/20/2023.

CARRY OVER ITEMS FROM 8/6/2023

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	2021 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, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, and 12/16/2021 2022 1/17, 2/17, 3/17, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, 11/15, and 12/15/2022 2023 1/16, 2/16, 3/15, 4/14, 5/15, 6/15, 7/14, and 8/15/2023 to be completed on 9/17/2023			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.
3/16/2022		1 (VADEQ)					1	2022 1 VADEQ reminder on 3/16, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, 11/15, and 12/15/2022 2023 1/16, 2/16, 3/15, 4/14, 5/15, 6/15, 7/14, and 8/15/2023 to be completed on 9/16/2023 (This item is an extension of a 3/13/2022 Daily Punchlist item where the VADEQ has established a reminder to extend waterbars across the entire right of way when grubbing is completed within the currently stabilized area below the waterbars)			This item is a reminder established by the VADEQ to extend waterbars across the entire right of way once grubbing activities occur within the existing stabilized area below the waterbars. This reminder will serve as an ongoing punchlist item to be extended on a monthly basis by the VADEQ until active earthmoving activities resume and the waterbars are extended across the entire length of the right of way to discharge off the right of way.

ENVIRONMENTAL INSPECTOR OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
8/7/2023	0.3"-0.9" - 4.25 Hours *Isolated storms occurred on 8/6/2023	7					7		1 on 8/7/2023	3 on 8/8/2023 3 on 8/9/2023	Seven items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
8/8/2023		1					1			1 on 8/8/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
8/9/2023		2					2			2 on 8/10/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/10/2023		3					3			3 on 8/10/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/11/2023	0.1"-0.3" - 5 Hours *Steady light rainfall occurred on 8/10/2023	1					1			1 on 8/12/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
8/13/2023	0.0"-0.5" - .25 Hours *And isolated storm event occurred late on 8/12/2023	6					6			2 on 8/13/2023 2 on 8/14/2023 1 on 8/15/2023 1 on 8/16/2023	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/14/2023		2					2			1 on 8/14/2023 1 on 8/15/2023	Two items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
8/15/2023	0.0"-0.3" - .75 Hours *Isolated rain showers occurred on 8/14/2023	3					3			3 on 8/17/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/17/2023		4					4			1 on 8/17/2023 2 on 8/18/2023 1 on 8/19/2023	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/18/2023		6					6			5 on 8/19/2023	Six items were identified requiring ESC/Pollution Prevention repair/maintenance and 5 were completed within the required timeframe. <b>The remaining item has three days to be completed within the required timeframe.</b>

VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
8/9/2023		1					1			1	One item was identified requiring ESC 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				
8/8/2023	The Environmental Auditor conducted site evaluations at the following locations: Honeysuckle Road (CIS), MVP-RO-280 (GAS), and MVP-FR-292 (GAS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, EI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance.				
8/9/2023	The Environmental Auditor conducted site evaluations at the following locations: MPV-MN-268.01 (GAS), MVP-MN-270 (CIS/GAS), MVP-MN-270 (Access Road), MVP-MN-272 (GAS), and MVP-MN-276.03 (Access Road).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance/replacement, proper ESC measures installation, and installing enhanced ESC measures slopes approaching stream crossings.				
8/10/2023	The Environmental Auditor conducted site evaluations at MVP-MN-276.03 (GAS) and MVP-AR-028 (Access Road).						The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, EI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to repairing erosion along a portion of an access road.				
8/11/2023	The Environmental Auditor conducted a site evaluation at MVP-AR-28 (GAS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor met onsite with the Spread H EI and contractor Grading foreman to review the current grading regime and provide support for proposed redlines to ESC measures. The Environmental Auditor communicated with the Spread H EI, LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to installing ESC measures to maintain compliance with the ESC Plan requirements based on the current grading regime.				
8/16/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-281 (GAS), MVP-RO-280 (GAS), MVP-RO-279.01 (CIS/GAS), Honeysuckle Road (CIS), and MVP-RO-282 (GAS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, EI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance and reinstalling ESC measures at the end of each work day to maintain compliance with the ESC Plan requirements.				
8/7/2023 through 8/20/2023	<p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread H Project.</p> <p>The Environmental Auditor communicated with the Spread H LEI related to identifying corrective actions addressed from previous SWPPP inspections and providing complete documentation throughout the VSIR reports.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 8/18/2023 regarding the Bi-Weekly reporting period ending on 8/20/2023. The Environmental Auditor provided technical recommendations regarding ESC measures installation during grubbing, grading, and environmental resource crossings with emphasis placed on monitoring pumped water filter bags for proper functionality during open trench dewatering activities. The Environmental Auditor also provided recommendations related to conducting QA/QC on SWPPP VSIRs and daily MVP Punchlists to ensure complete and consistent documentation.</p>						<p>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 and Environmental Coordinator, 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.</p> <p>The Environmental Auditor recommends conducting QA/QC on SWPPP VSIRs to ensure complete documentation.</p>				
REQUIRED FINDINGS AND CONCLUSIONS											
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).									
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes										
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes										
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes										

Report Period Ending: 9/3/2023  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 34 conducted from 8/21/2023 through 9/3/2023 (includes PY-006)  
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 8/21/2023 through 9/3/2023 (includes Carry Over Items from 8/20/2023): 43  
 Total Number of ODCP Inspections at Laydown Yard PY-006: 6 (8/21/2023 through 8/26/2023); 7 (8/28/2023 through 9/3/2023): A small spill from a drip pan was observed during an ODCP inspection on 8/28/2023. The contractor was immediately notified, the spill cleaned up, materials properly disposed and documented within the 8/29/2023 ODCP report. A small spill from a drip pan was observed during an ODCP inspection on 8/29/2023. The contractor was immediately notified, the spill cleaned up, materials properly disposed, and documented within the 8/30/2023 ODCP inspection report. No environmental resource impacts occurred and documentation was provided within the respective ODCP inspection reports.  
 Total Number of VA DEQ Observations from 8/21/2023 through 9/3/2023 (includes Carry Over Items from 8/20/2023): 7 (\*Four of the identified items were redundant as they were initially observed and reported by the respective EIs)  
 Total Number of Landowner/Third Party Reported Complaints: 4 (1. A third party complaint was filed with the VADEQ on 8/23/2023 (Pollution Investigation Report\_IR #310611). The complainant alleged that "MVP ignoring their own wetland delineation markers". Per the Closure section of the IR on 8/29/2023, the VADEQ concluded no compliance issues were observed. 2. A third party complaint was filed with the VADEQ on 8/24/2023 (Pollution Investigation Report\_IR #310623). The complainant cited "Fugitive dust from Mountain Valley pipeline construction" at Honeysuckle Road, Roanoke County. Per the Closure section of the IR on 8/29/2023, the VADEQ concluded no compliance issues were observed. 3. A third party complaint was filed with the VADEQ on 8/27/2023 (Pollution Investigation Report\_IR #310641). The complainant alleged "woody debris covering stream across entire pipeline ROW". Per the Closure section of the IR on 8/29/2023, the VADEQ concluded no compliance issues were observed. 4. A third party complaint was filed with the VADEQ on 8/28/2023 (Pollution Investigation Report\_IR #310661). The complainant alleged that previous installed "erosion blanket - a plastic netting" installed by the contractor in 2021 "had not been properly removed before excavation of soil resumed recently Aug 2023". Per the Closure section of the IR on 8/29/2023, the VADEQ concluded no compliance issues were observed.) Refer to Landowner/Third Party Reported Complaints below for further detailed discussions.  
 Total Number of Right of Way Impacts Caused by Third Parties: 2 (unauthorized traffic)  
 Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris): 0  
 Total Number of Off Right of Way Impacts: 1 (A minor off right of way sediment impact within an upland area was observed by the Spread H EI on 8/30/2023 as a result of a heavy rainfall event that occurred late 8/27/2023 into early morning on 8/28/2023. The precipitation event produced approximately 3.6 inches of rainfall in 8.5 hours causing a slope to slough on 8/30/2023 resulting in sediment controls to become overwhelmed. The VADEQ was immediately notified, ESC measures repair/maintenance initiated, landowner access granted on 8/31/2023, and off right of way sediment cleanup and stabilization occurred within the required timeframe. No environmental resource impacts occurred. Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations below for further discussion.  
 Total Number of Environmental Resource Impacts: 0  
 Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0  
 Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 8/21/2023 through 9/3/2023.

CARRY OVER ITEMS FROM 8/20/2023

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	2021 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, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, and 12/16/2021 2022 1/17, 2/17, 3/17, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, 11/15, and 12/15/2022 2023 1/16, 2/16, 3/15, 4/14, 5/15, 6/15, 7/14, and 8/15/2023 to be completed on 9/17/2023			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.
3/16/2022		1 (VADEQ)					1	2022 1 VADEQ reminder on 3/16, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, 11/15, and 12/15/2022 2023 1/16, 2/16, 3/15, 4/14, 5/15, 6/15, 7/14, and 8/15/2023 to be completed on 9/16/2023 (This item is an extension of a 3/13/2022 Daily Punchlist Item where the VADEQ has established a reminder to extend waterbars across the entire right of way when grubbing is completed within the currently stabilized area below the waterbars)			This item is a reminder established by the VADEQ to extend waterbars across the entire right of way once grubbing activities occur within the existing stabilized area below the waterbars. This reminder will serve as an ongoing punchlist item to be extended on a monthly basis by the VADEQ until active earthmoving activities resume and the waterbars are extended across the entire length of the right of way to discharge off the right of way.
8/18/2023		1					1			1 on 8/21/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.

ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
8/21/2023		1					1			1 on 8/23/2023	One item was identified requiring Pollution Prevention repair/maintenance and completed within the required timeframe.
8/22/2023		10					10			6 on 8/23/2023 3 on 8/24/2023 1 on 8/25/2023	Ten items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
8/23/2023		2				2				1 on 8/23/2023 1 on 8/24/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. Both items were caused by third party impacts related to unauthorized traffic.
8/24/2023		3					3			3 on 8/26/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/28/2023	0.7"-3.6" - 8.5 Hours Heavy rainfall occurred from late 8/27/2023 into early 8/28/2023	11					11	3 items on 8/31/2023 and 9/3/2023 to be completed on 9/6/2023		1 on 8/28/2023 5 on 8/29/2023 1 on 8/30/2023 1 on 8/31/2023	Eleven items were identified requiring ESC repair/maintenance and 8 were completed within the required timeframe. <b>The remaining three items received long term extension requests approved by the VADEQ due to saturated conditions preventing equipment from safely operating on a steep slope.</b>
8/29/2023	0.0"-0.2" - 12 Hours *Scattered showers occurred throughout the day on 8/28/2023	7					7	6 on 9/1/2023 to be completed on 9/4/2023		1 on 8/31/2023 6 on 9/2/2023	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/30/2023	0.0"-0.3" - 3.5 Hours *Isolated showers occurred on 8/29/2023	4		1			3		3 on 8/31/2023 (1 off right of way impact)	1 on 8/31/2023	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was an off right of way sediment impact approximately 5 feet within an upland area. Active construction activities were occurring on the top of a vegetated fill slope prior to a rainfall event. The slope became saturated and subsequently sloughed on 8/30/2023 due to a heavy rainfall event that occurred late 8/27/2023 into early 8/28/2023. The VADEQ was immediately notified, the ESC measures repaired/maintained, landowner access granted, off right of way sediment removed, and stabilization occurred within the required timeframe. No environmental resources were impacted. An Agency Compliance Form (Problem Area Report #746) was initiated by the EI on 8/30/2023 and completed on 9/1/2023. The Environmental Auditor evaluated this location on 8/31/2023 and observed the slope to be wet and soil stabilization blanket (SSB) being installed at the time of the evaluation. The Environmental Auditor provided recommendations to install enhanced erosion control measures. <b>Refer to Environmental Auditor Field Observations and Recommendations for further discussion.</b>
9/1/2023		1					1			1 on 9/2/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
9/2/2023		1					1			1 on 9/3/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
9/3/2023		1					1				One item was identified requiring ESC repair/maintenance and has three days to be completed.
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
8/24/2023		1					1			1 on 8/25/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
8/28/2023	0.7"-3.6" - 8.5 Hours Heavy rainfall occurred from late 8/27/2023 into early 8/28/2023	*1					1			1 on 8/31/2023	*One item was identified requiring ESC repair/maintenance and completed within the required timeframe. Please note that this item is redundant as it was initially observed the EI. Refer to Environmental Inspector Summary of Observations above.
8/30/2023	0.0"-0.3" - 3.5 Hours *Isolated showers occurred on 8/29/2023	*3					3		2 on 8/31/2023	1 on 8/31/2023	*Three items were identified requiring ESC repair/maintenance and completed within the required timeframe. Please note that these items are redundant as they were initially observed the EI. Refer to Environmental Inspector Observations above.
8/31/2023		1					1			1 on 9/3/2023	One item was identified requiring ESC 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	
8/23/2023	Bottom Creek Road						2			A third party complaint was filed with the VADEQ on 8/23/2023 (Pollution Investigation Report_IR#310611). The complainant alleged that "MVP ignoring their own wetland delineation markers". Per letters from the US Army Corps of Engineers (USACOE) 12/21/2017 and the VADEQ on 1/23/2018, both agencies determined that W-KL15 and W-KL16 are not regulated wetlands. As a result of the agencies determinations these areas have not been reflagged as wetlands in the field. Updated ESC Plan sheets are being developed to remove W-KL15 and W-KL16 from the drawings. Per the Closure section of the IR on 8/29/2023, the VADEQ concluded no compliance issues were observed.	
8/24/2023	Honeysuckle Road						1			A third party complaint was filed with the VADEQ on 8/24/2023 (Pollution Investigation Report_IR#310623). The complainant cited "Fugitive dust from Mountain Valley pipeline construction" at Honeysuckle Road, Roanoke County. The Environmental Auditor noted extremely dry conditions between 8/15/2023 and 8/28/2023 and watering occurring on Honeysuckle Road. However, it appeared that the road was drying at a fast rate following spraying activities during heavy vehicle traffic. A rainfall event which occurred late 8/27/2023 into early 8/28/2023 provided adequate moisture to reduce dust from heavy traffic. Based on communications with the Spread H Environmental staff, additional trucks will be stationed at Honeysuckle Road to mitigate fugitive dust during dry conditions. Per the Closure section of the IR on 8/29/2023, the VADEQ concluded no compliance issues were observed.	
8/27/2023	Yellow Finch Road/MVP-MN-278.01						1			A third party complaint was filed with the VADEQ on 8/27/2023 (Pollution Investigation Report_IR#310641). The complainant alleged "woody debris covering stream across entire pipeline ROW". The "stream" cited in the complaint is S-EF20a at Yellow Finch Lane (GAS). The "woody debris" cited within the complaint was actually timber felled by law enforcement in 2023 due to opposition activity within this location. On 8/28/2023 the VADEQ conducted an inspection at this location and determined no issues were related to project activities. On 8/29/2023, the Environmental Auditor observed the felled timber removed by the contractor. However, the Environmental Auditor observed residual felled timber and waste debris caused by previous third party opposition immediately downstream of the right of way. Per the Closure section of the IR on 8/29/2023, the VADEQ concluded no compliance issues were observed.	
8/27/2023	Bottom Creek Road						1			A third party complaint was filed with the VADEQ on 8/27/2023 (Pollution Investigation Report_IR#310661). The complainant alleged that previous installed "erosion blanket - a plastic netting" installed by the contractor in 2021 "had not been properly removed before excavation of soil resumed recently Aug 2023". Based on inspections conducted by the Spread H Environmental inspection staff, VADEQ, and evaluations conducted by the Environmental Auditor, erosion control blanket and related anchoring pins are being removed prior to construction activities. The blanket netting is either photodegradable or biodegradable. During final grading activities, any material/debris will be removed by the contractor prior to the final restoration process. Per the Closure section of the IR on 8/29/2023, the VADEQ concluded no compliance issues were observed.	

ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS		
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS
8/21/2023	The Environmental Auditor conducted site evaluations at MVP-AR-28.	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, EI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to access road maintenance, monitoring, and installing additional ESC measures.
8/22/2023	The Environmental Auditor conducted site evaluations at the following locations: MPV-RO-282 (GAS), MVP-RO-283 (Access Road), Bottom Creek Road (CIS/GAS), MVP-RO-286 (GAS), MVP-RO-287 (CIS/GAS), and MVP-RO-288 (GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance, access road maintenance and dust suppression, and monitoring locations and installing additional ESC measures as necessary.
8/25/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-283 (Access Road), MVP-RO-280 (GAS), and Bottom Creek Road (CIS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance, installing additional ESC measures in disturbed areas, and proper ESC measures installation. The Environmental met with the onsite EI and contractor Environmental foreman to review access road locations where additional/enhanced ESC measures will be installed to maintain compliance with the ESC Plan requirements.
8/29/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-270.01 (CIS), MVP-MN-271 (CIS/GAS), Flatwoods Road (GAS), MVP-MN-272 (CIS/GAS), Bradshaw Road (GAS), MVP-MN-278.01 (CIS/GAS), and Lafayette Road (GAS).	The Environmental Auditor conducted an evaluation at MVP-MN-278.01 (GAS) to follow up on a complaint filed with the VADEQ on 8/27/2023 and observed no woody or construction debris within the right of way S-EF20a at the time of the evaluation. However, the Environmental Auditor observed woody and trash debris immediately downstream from the project due to previous third party opposition activities within that location. The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance, installing additional ESC measures in disturbed areas, and proper ESC measures installation per the ESC Plan requirements. The Environmental met with the onsite EI to review a steep slope conditions where a recent heavy rainfall event occurred and discussed ESC measures repair/maintenance efforts necessary to maintain compliance with the ESC Plan requirements.
8/31/2023	The Environmental Auditor conducted site evaluations at MVP-FR-289 (CIS) and Bottom Creek Road (CIS/GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor met with the onsite EIs at MVP-FR-289 where a saturated slope sloughed, overwhelmed a waterbar end sump, and deposited a minimal amount of sediment off right of way on 8/30/2023. The Environmental Auditor observed the off right of way sediment retrieved and repair/maintenance activities underway at the time of the evaluation. The Environmental Auditor communicated with the Spread H EI and LEI regarding the slope and was informed that upon soil conditions improving, the soil stabilization blanket will be removed, the slope regraded to decrease steepness, and soil stabilization matting (SSM) will be installed. The Environmental Auditor also communicated proper pumped water filter bag size to be utilized per the pumping rate to achieve proper functionality. The Environmental Auditor communicated with the onsite contractor Bore foreman regarding Pollution Prevention measures necessary under equipment at another project location. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, EI, Chief EI, EIs, and MVP Environmental staff regarding observations and recommendations related to maintenance/repair, and utilizing proper ESC measures to minimize accelerated runoff where discharge will occur from a straw bale dewatering structure and maintaining perimeter sediment controls prior to the discharge exiting the right of way .
8/21/2023 through 9/3/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread H Project. The Environmental Auditor communicated with all Spread LEIs on 8/30/2023 regarding the Bi-Weekly reporting period ending on 9/3/2023. The Environmental Auditor provided technical recommendations regarding ESC measures installation during grubbing, grading, and environmental resource crossings which includes implementation of Pollution Prevention measures. The Environmental Auditor also provided recommendations to conduct QA/QC on SWPPP VSIRs and daily MVP Punchlists, prioritizing daily MVP Punchlist items based on the Annual Standards and Specifications, and ensuring VSIR photo logs depict coverage of a given SWPPP inspection area which includes active construction activities at environmental resource crossings.	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 and Environmental Coordinator, 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. The Environmental Auditor continues to recommend conducting QA/QC on SWPPP VSIRs to ensure complete documentation.
REQUIRED FINDINGS AND CONCLUSIONS		
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes	
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes	
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes	

Report Period Ending: 9/17/2023  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: **33** conducted from 9/4/2023 through 9/17/2023 (includes PY-006): **Holiday on 9/4/2023**

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 9/4/2023 through 9/17/2023 (includes Carry Over Items from 9/3/2023): **53**

Total Number of ODCP Inspections at Laydown Yard PY-006: **6** (9/4/2023 through 9/9/2023); **6** (9/11/2023 through 9/16/2023): On 9/8/2023 the ODCP inspector observed a secondary containment unit requiring repairs. The repairs were conducted and documented within the 9/9/2023 ODCP inspection report.

Total Number of VA DEQ Observations from 9/4/2023 through 9/17/2023 (includes Carry Over Items from 9/3/2023): **2**

Total Number of Landowner/Third Party Reported Complaints: **3** (1. A third party complaint was filed with the VADEQ on 9/7/2023 (Pollution Investigation Report\_IR #310786). The complainant alleged "sediment running into wetland and stream" due to "failed E&S measures on pipeline ROW" and "stream obstructed with construction debris thrown off the LOD". Upon conducting a site inspection on 9/8/2023, the VADEQ inspector did not observe any compliance issues. Per the VADEQ website, formal Closure remains pending. 2. An initial third party complaint was filed with the VADEQ on 9/10/2023 citing the incident time at 11:16 am (Pollution Investigation Report\_IR #310804). The complainant alleged "sediment from Access Road enter wetland and stream below the ROW". Per the Closure section of the IR on 9/13/2023, the VADEQ concluded the ESC measures were observed to be installed and functional and no project related impacts were observed. 3. A second follow up third party complaint was filed with the VADEQ on 9/10/2023 citing the incident time at 4:00 pm (Pollution Investigation Report\_IR #310805). The complainant alleged "sediment from Access Road enter wetland and stream below the ROW". Per the Closure section of the IR on 9/13/2023, the VADEQ concluded the ESC measures were observed to be installed and functional and no project related impacts were observed). **Refer to Landowner/Third Party Reported Complaints below for further detailed discussions.**

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 9/4/2023 through 9/17/2023. However, a Clean Water Diversion (CWD) pipe system was not installed per the required Construction Sequence within the ESC Plans. Based on a follow up evaluation conducted by the Environmental Auditor on 9/11/2023, the CWD pipe system was installed and functional at the time of the evaluation. Refer to Environmental Auditor Field Observations and Recommendations and Required Findings and Conclusions for further discussions**

CARRY OVER ITEMS FROM 9/3/2023

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	<p><b>2021</b></p> <p>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, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, and 12/16/2021</p> <p><b>2022</b></p> <p>1/17, 2/17, 3/17, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, 11/15, and 12/15/2022</p> <p><b>2023</b></p> <p>1/16, 2/16, 3/15, 4/14, 5/15, 6/15, 7/14, 8/15, and 9/16/2023 to be completed on 10/17/2023</p>			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.
3/16/2022		1 (VADEQ)					1	<p><b>2022</b></p> <p>1 VADEQ reminder on 3/16, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, 11/15, and 12/15/2022</p> <p><b>2023</b></p> <p>1/16, 2/16, 3/15, 4/14, 5/15, 6/15, 7/14, 8/15, and 9/16/2023 to be completed on 10/16/2023 (This item is an extension of a 3/13/2022 Daily Punchlist Item where the VADEQ has established a reminder to extend waterbars across the entire right of way when grubbing is completed within the currently stabilized area below the waterbars)</p>			This item is a reminder established by the VADEQ to extend waterbars across the entire right of way once grubbing activities occur within the existing stabilized area below the waterbars. This reminder will serve as an ongoing punchlist item to be extended on a monthly basis by the VADEQ until active earthmoving activities resume and the waterbars are extended across the entire length of the right of way to discharge off the right of way.
8/28/2023		3					3	<p>3 on 8/31/2023 to be completed on 9/3/2023 and 9/6/2023</p>		2 on 9/4/2023 1 on 9/6/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe. These items received extension request approvals due to saturated conditions preventing equipment from safely operating on a steep slope.
9/3/2023		1					1			1 on 9/4/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.

ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
9/5/2023		6					6	3 on 9/8/2023 to be completed on 9/11/2023		1 on 9/6/2023 2 on 9/7/2023 1 on 9/8/2023 2 on 9/9/2023	Six items identified requiring ESC repair/maintenance and completed within the required timeframe. Three of the identified items received extension request approvals due to wet conditions and completed within the required timeframe.
9/6/2023		4					4		2 on 9/7/2023	1 on 9/8/2023 1 on 9/9/2023	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/8/2023	0.3"-3.0" - 3 Hours *Heavy thunderstorms occurred late 9/7/2023 and 9/8/2023	6					6	1 on 9/11/2023 and 9/14/2023 to be completed on 9/17/2023		4 on 9/8/2023 1 on 9/9/2023 1 on 9/15/2023	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items received extension request approvals due to wet conditions and completed within the required timeframe.
9/11/2023	0.1"-0.4" - 4 Hours *Scattered showers occurred on 9/10/2023	3					3			1 on 9/12/2023 1 on 9/13/2023 1 on 9/14/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/12/2023	0.0"-0.2" - .66 Hours *Isolated showers occurred on 9/11/2023	4					4			2 on 9/12/2023 1 on 9/13/2023 1 on 9/14/2023	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/13/2023	0.0"-1.1" - 1 Hour *A high intensity/short duration storm event occurred on 9/12/2023	9					9		1 on 9/13/2023	3 on 9/13/2023 2 on 9/14/2023 3 on 9/16/2023	Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/14/2023		8					8		1 on 9/14/2023	6 on 9/15/2023 1 on 9/16/2023	Eight items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
9/15/2023		8					8			6 on 9/16/2023	Eight items were identified requiring ESC repair/maintenance and 6 were completed within the required timeframe. <b>The remaining two items have three days to be completed.</b>
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
9/15/2023		1					1			1 on 9/16/2023	One item was identified requiring ESC 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	
9/7/2023	MVP-MN-278.01/Yellow Finch Lane						2			A third party complaint was filed with the VADEQ on 9/7/2023 (Pollution Investigation Report_IR#310786). The complainant alleged "sediment running into wetland and stream" due to "failed E&S measures on pipeline ROW" and "stream obstructed with construction debris thrown off the LOD". Based on communication with the Spread H LEI, the VADEQ conducted an inspection at this location on 9/8/2023 and determined no issues were related to project activities. The Environmental Auditor reviewed the daily MVP Punchlists and SWPPP VSIRs and noted no off right of way or environmental resource impacts. The Environmental Auditor conducted site evaluations on 9/4/2023 and observed repair/maintenance underway and no impacts to S-EF20/W-EF5. The Environmental Auditor conducted a follow up evaluation on 9/12/2023 and observed the ESC measures installed and functional and no impacts to S-EF20/W-EF5. Per the 9/3/2023 Environmental Auditor Bi-Weekly Report, residual felled timber and waste debris was caused by previous third party opposition immediately downstream of the right of way. Per the VADEQ website formal Closure remains pending.	
9/10/2023 (Observed at 11:15 am)	MVP-MN-278.01/Yellow Finch Lane						1			An initial third party complaint was filed with the VADEQ on 9/10/2023 citing the incident time at 11:16 am (Pollution Investigation Report_IR #310804). The complainant alleged "sediment from Access Road enter wetland and stream below the ROW". Based on communication with the Spread H LEI, the VADEQ conducted an inspection at this location on 9/11/2023 and determined the ESC measures were in compliance and no impacts occurred to S-EF20/W-EF5. The Environmental Auditor reviewed SWPPP VSIRs and noted no off right of way or environmental resource impacts. The Environmental Auditor conducted a site evaluation on 9/12/2023 and observed the ESC measures installed and functional and no impacts to S-EF20/W-EF5. Per the Closure section of the IR on 9/13/2023, the VADEQ concluded the ESC measures were observed to be installed and functional and no project related impacts were observed to S-EF20/W-EF5.	
9/10/2023 (Observed at 4:00 pm)	MVP-MN-278.01/Yellow Finch Lane						1			A follow up third party complaint from the observations noted in IR #31804 was filed with the VADEQ on 9/10/2023 citing the incident time at 4:00 pm (Pollution Investigation Report_IR #310805). The complainant alleged "sediment from Access Road enter wetland and stream below the ROW". Based on communication with the Spread H LEI, the VADEQ conducted an inspection at this location on 9/11/2023 and determined the ESC measures were in compliance and no impacts occurred to S-EF20/W-EF5. The Environmental Auditor reviewed SWPPP VSIRs and noted no off right of way or environmental resource impacts. The Environmental Auditor conducted a site evaluation on 9/12/2023 and observed the ESC measures installed and functional and no impacts to S-EF20/W-EF5. Per the Closure section of the IR on 9/13/2023, the VADEQ concluded the ESC measures were observed to be installed and functional and no project related impacts to S-EF20/W-EF5.	



ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS		
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS
9/4/2023	The Environmental Auditor conducted site evaluations at the following locations: Bradshaw Road (GAS), MVP-PY-006, and MVP-MN-278.01 (CIS/GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the onsite contractor regarding secondary containment needed at a generator. The Environmental Auditor communicated with Spread H LEI, Assistant LEI, Chief EI, contractor Grading foreman, and MVP Environmental staff regarding observations and recommendations related to recommendations to install enhanced ESC measures.
9/5/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-283 (Access Road), MVP-RO-283 (CIS), Bottom Creek Road (CIS/GAS), MVP-FR-291(GAS), and Webster Corner Road (CIS/GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor observed a non-reportable spill, coordinated with the onsite EI, and communicated with the Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff. The Environmental Auditor communicated with the onsite EI and subsequently the Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to a CWD pipe system not installed per the required ESC Plans Construction Sequence and properly installing ESC measures.
9/11/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-280 (GAS), Honeysuckle Road (CIS), MVP-RO-281.02 (GAS), MVP-RO-282 (GAS), MVP-RO-283 (Access Road), and Bottom Creek Road (CIS/GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the onsite EI, Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to installing ESC measures per the ESC Plan requirements and monitoring ESC measures.
9/12/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-273 (GAS), Bradshaw Road (GAS), MVP-MN-278.01, and MVP-AR-028 (CIS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to conduct vegetative maintenance where perimeter ESC measures could not be evaluated due to dense vegetative cover.
9/14/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-276.03 (CIS/GAS), MVP-MN-276.03 (Access Road), MVP-MN-270 (GAS), MVP-MN-270 (Access Road), and MVP-MN-270.01 (CIS/GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, EI, Chief EI, contractor Environmental foreman, and MVP Environmental staff regarding observations and recommendations related to access road repairs and installing ESC measures per the ESC Plan requirements.
9/4/2023 through 9/17/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread H Project. However, a CWD pipe system was not installed per the required ESC Plans Construction Sequence.  The Environmental Auditor communicated with all Spread LEIs on 9/14/2023 regarding the Bi-Weekly reporting period ending on 9/17/2023 and the Q3 2023 reporting period ending on 9/30/2023. The Environmental Auditor referred to previous communications related to technical and documentation recommendations and emphasized communicating with the Environmental Auditor when issues arise.	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 and Environmental Coordinator, 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.  The Environmental Auditor recommends the Spread H Environmental inspection staff monitors construction operations to ensure ESC measures are installed per the required ESC Plans.
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?	No	On 8/25/2023 the Environmental Auditor met with the onsite EI and discussed the installation of a required CWD pipe system. On 9/5/2023 the Environmental Auditor observed grading completed and the CWD pipe system not installed. The Environmental Auditor communicated with the onsite EI, Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding the CWD pipe system not in compliance per the required ESC Plans Construction Sequence. Based on communication with the Spread H Environmental staff, the CWD pipe system was installed on 9/6/2023 and the Environmental Auditor conducted a follow up evaluation on 9/11/2023 and observed the CWD pipe system installed and functional.
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes	
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes	



Report Period Ending: 9/30/2023  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: **34** conducted from 9/18/2023 through 9/30/2023 (includes PY-006)

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 9/18/2023 through 9/30/2023 (includes Carry Over Items from 9/17/2023): **22**

Total Number of ODCP Inspections at Laydown Yard PY-006: **6** (9/18/2023 through 9/22/2023 and 9/24/2023); **6** (9/25/2023 through 9/30/2023): Small holes in secondary containment measures were observed during ODCP inspections on 9/27/2023 and 9/28/2023. The holes were repaired and documentation provided in the 9/29/2023 ODCP inspection report.

Total Number of VA DEQ Observations from 9/18/2023 through 9/30/2023 (includes Carry Over Items from 9/17/2023): **2**

Total Number of Landowner/Third Party Reported Complaints: **3** (1. A third party complaint was filed with the VADEQ on 9/23/2023 (Pollution Investigation Report\_IR #310972). The complainant alleged "sediment from pipeline work area running into drainage for Roanoke River". Per the Closure section of the IR on 9/26/2023, the VADEQ concluded no compliance issues were observed. **2.** A third party complaint was filed with the VADEQ on 9/23/2023 (Pollution Investigation Report\_IR #310973. The complainant alleged "sediment from ROW running into wetland". Per the Closure section of the IR on 9/27/2023, the VADEQ concluded no compliance issues were observed. **3.** A third party complaint was filed with the VADEQ on 9/29/2023 (Pollution Investigation Report\_IR #311022). The complainant alleged "MVP completely covering" stream, wetlands, and a spring box and debris "is being piled on top of the resources". Per the VADEQ website formal Closure remains pending.) Refer to Landowner/Third Party Reported Complaints below for further detailed discussions.

Per the Closure section of the VADEQ Pollution Investigation Report #310786 dated 9/22/2023 based on a third party complaint observed on 9/7/2023, the VADEQ concluded no compliance issues were observed. Refer to the Environmental Auditor Bi-Weekly Report dated 9/17/2023 related to Landowner/Third Party Reported Complaints.

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 9/18/2023 through 9/30/2023.

CARRY OVER ITEMS FROM 9/17/2023

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	2021 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, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, and 12/16/2021 2022 1/17, 2/17, 3/17, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, 11/15, and 12/15/2022 2023 1/16, 2/16, 3/15, 4/14, 5/15, 6/15, 7/14, 8/15, and 9/16/2023 to be completed on 10/17/2023			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.
3/16/2022		1 (VADEQ)					1	2022 1 VADEQ reminder on 3/16, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, 11/15, and 12/15/2022 2023 1/16, 2/16, 3/15, 4/14, 5/15, 6/15, 7/14, 8/15, and 9/16/2023 to be completed on 10/16/2023 (This item is an extension of a 3/13/2022 Daily Punchlist Item where the VADEQ has established a reminder to extend waterbars across the entire right of way when grubbing is completed within the currently stabilized area below the waterbars)		1 on 9/25/2023	One item was identified as a VADEQ reminder to install ESC measures upon earth moving activities resuming and completed within the required timeframe.
9/15/2023		2					2			2 on 9/18/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.

ENVIRONMENTAL INSPECTOR OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
9/18/2023	0.1"-0.4" - 6.5 Hours *Rainfall occurred on 9/17/2023	5					5			3 on 9/19/2023 2 on 9/20/2023	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/22/2023	0.2"-0.4" - 4 Hours *Light rainfall began early on 9/22/2023	2					2			2 on 9/22/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/25/2023		1					1	1 on 9/28/2023 to be completed on 10/1/2023		1 on 9/30/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe via an extension request approval.
9/26/2023		3					3			3 on 9/29/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/27/2023	0.0"-0.3" - 24 Hours *Intermittent light rain began early on 9/26/2023 through early 9/27/2023	7					7		1 on 9/28/2023	6 on 9/28/2023	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/28/2023		1					1			1 on 9/29/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.

VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
9/28/2023		1					1			1 on 9/29/2023	One item was identified requiring ESC 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	
9/23/2023	Cove Hollow Road						1			A third party complaint was filed with the VADEQ on 9/23/2023 (Pollution Investigation Report_IR #310972). The complainant alleged "sediment from pipeline work area running into drainage for Roanoke River". The VADEQ conducted an inspection at this location on 9/25/2023 and determined the ESC measures were in compliance. The Environmental Auditor conducted a site evaluation on 9/28/2023 and observed the ESC measures installed and functional and no off right of way impacts. The Environmental Auditor communicated with the Spread H LEI, Chief EI, and MVP Environmental staff to augment ESC measures in areas of the additional temporary workspace area. Per the Closure section of the IR on 9/26/2023, the VADEQ concluded the ESC measures were observed to be installed and functional and no compliance issues were observed.	
9/23/2023	MVP-MN-278.01/Yellow Finch Lane						1			A third party complaint was filed with the VADEQ on 9/23/2023 (Pollution Investigation Report_IR #310973). The complainant alleged "sediment from ROW running into wetland". The VADEQ conducted an inspection at this location on 9/25/2023 and determined the ESC measures were in compliance and no impacts occurred to S-EF20/W-EF5. The Environmental Auditor reviewed SWPPP VSIRs and noted no off right of way or environmental resource impacts. The Environmental Auditor conducted a site evaluation on 9/28/2023 and observed the ESC measures installed and functional and no impacts to S-EF20/W-EF5. Per the Closure section of the IR on 9/27/2023, the VADEQ concluded the ESC measures were observed to be installed and functional, no project related impacts were observed at environmental resources, and no compliance issues were observed.	
9/29/2023	MVP-RO-287						1			A third party complaint was filed with the VADEQ on 9/29/2023 (Pollution Investigation Report_IR #311022). The complainant alleged "MVP completely covering" stream, wetlands, and a spring box and debris "is being piled on top of the resources". Based on communication with the Spread H LEI, the VADEQ conducted an inspection at this location on 9/30/2023 and determined that construction was within the permitted right of way, ESC/Pollution Prevention measures were in compliance, and no impacts occurred to the environmental resources and spring box. Per the VADEQ website formal Closure remains pending.	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS						CONCLUSION AND RECOMMENDATIONS				
9/18/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-281.02, MVP-RO-283 (Access Road), MVP-RO-283 (CIS/GAS), Bottom Creek Road (CIS/GAS), and MVP-FR-289 (CIS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Spread H Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance and requested further evaluation/information regarding a required CWD pipe system to be installed. Based on feedback from the MVP Environmental staff, the VADEQ visited the project location and met with the Spread H Environmental staff to discuss redlines to omit the CWD pipe system as the entire dike is currently not necessary due to no disturbance within the location at this time. The Spread H Environmental staff will be developing redlines to be submitted to the VADEQ.				
9/25/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-279.01 (CIS), MVP-RO-288 (GAS), MVP-FR-291 (GAS), MVP-FR-292 (CIS), and Webster Corner Road (CIS/GAS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Spread H Assistant LEI, onsite EIs, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance.				
9/27/2023	The Environmental Auditor conducted a site evaluation at Cahas Mountain Road #1 (CIS/GAS).						The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Spread H Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance and proper installation.				
9/28/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-MLV-AR-27, Lafayette Road (GAS), MVP-ATWS-1566, MVP-MN-278.01 (CIS/GAS), and MVP-LY-049.						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Spread H Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance.				
9/18/2023 through 9/30/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread H Project. The Environmental Auditor communicated with all Spread LEIs on 9/28/2023 regarding the Bi-Weekly reporting period and the Q3 2023 reporting period ending on 9/30/2023.						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 and Environmental Coordinator, 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										



# Mountain Valley Pipeline Project – Spread I

## Environmental Auditor Quarterly Report for Q3 2023

### October 15, 2023

---

#### Environmental Auditor Contact Information

Joe Crea, CPESC, CPSWQ  
Tetra Tech  
661 Anderson Drive, Suite 200  
Pittsburgh, Pennsylvania 15220

#### I. Introduction

The Spread I (portions of Construction Spreads 10 and 11) portion of the Mountain Valley Pipeline Project H-600 (Project) within the State of Virginia begins at approximate station 13415+51 in Franklin County and ends at approximate station 16027+46 in Pittsylvania County. The Spread I Project includes right of way for the pipeline, laydown yards, additional temporary workspaces (ATWS) and temporary/permanent access roads. This Quarterly Report also includes the Transco Interconnect Station, H-602, and H-603 as the Environmental inspection staff from Spread I is covering these portions of the Project. Spread I is located in Franklin and Pittsylvania Counties.

As required by the Virginia Erosion and Sediment Control Law and the Stormwater Management Act Linear Entity, MVP has developed Annual Project Specific 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 I Project to include a Lead Environmental Inspector (LEI) and a staff of Environmental Inspectors (EIs). The LEI/EIs obtained the Virginia Department of Environmental Quality (VADEQ) Erosion and Sediment Control (ESC)/Stormwater Management (SWM) Inspector Certifications. In addition to these Certifications, the LEI also obtained the VADEQ Program Administrator Certification. The MVP Environmental inspection staff is responsible for conducting routine daily inspections and inspecting all temporary 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 I EIs currently conduct inspections for the following geographical locations:

- Franklin and Pittsylvania Counties
  - 13415+51-16027+46 and the Transco Interconnect Station (includes H-602 and H-603)

Active construction resumed on Spread I from July 1, 2023 through September 30, 2023 (Q3 reporting period). Travel lanes and temporary bridge crossings have been established at environmental resources and their respective buffers at Chalk Level Road (S-EF26/W-IJ22) and Transco Road (W-EF6/W-IJ21).

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

- 13423+00-13496+62
- 13497+12-13526+00
- 13530+87-13541+51
- 13562+88-13575+01
- 13575+42-13632+41
- 13644+97-13655+63
- 13738+72-13746+56
- 13915+75-13949+24
- 14010+91-14018+16
- 14153+54-14171+11
- 14547+02-14550+48
- 14616+75-14657+24
- 14806+16-14830+80
- 15103+58-15103+84
- 15144+54-15146+31
- 15181+09-15209+98
- 15210+56-15220+86
- 15221+36-15259+00
- 15353+48-15370+25

## **II. Information Reviewed to Prepare Quarterly Report**

The Environmental Auditor utilized the following resources to assist with evaluating project compliance throughout the Q3 reporting period:

- Daily MVP Punch Lists (includes VADEQ findings);
- Environmental Auditor Bi-Weekly Reports;
- Weekly meetings with MVP Environmental staff and the LEIs;
- Stormwater Pollution Prevention Plan VSIRs;
- Spread I Rain Gauge Data;
- Spread I Scatter Sheets (Contractor Available Resources and Daily Work Locations);
- Annual Project Specific Standards and Specifications;
- Oil Discharge Contingency Plan (ODCP) Inspection reports;
- Storm Water Pollution Prevention Plans, Erosion and Sediment Control Plans, and Post Construction Stormwater Management Plans;
- MVP 48-Hour Aquatic Resource Notifications;
- VA Off Right of Way Sediment Impact Tracker Spreadsheet;
- Spread I Wetland, Stream, and Road Crossings Spreadsheet;
- Third party complaint submitted to FERC on 8/11/2023; and
- Notice of Force Majeure Declaration and supporting documentation submitted on 9/20/2023.

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

The following sections III. through VI. provide an overall summary for the Q3 reporting period. **Please refer to the attached Environmental Auditor Bi-Weekly Reports for further detailed information.**

### **III. Quarterly Summary of Environmental Inspector Observations**

Per Table I-1A, the EIs including the contractor Environmental staff observed a total of 584 daily punchlist items (includes Carry Over items) requiring repair/maintenance throughout the Q3 reporting period. The Environmental Auditor noted daily MVP Punchlist items provided by the contractor Environmental staff while conducting routine maintenance activities. It should be noted that the contractor Environmental staff is not affiliated with the EI roles and responsibilities related to conducting SWPPP inspections. The Environmental Auditor noted 40 items identified by the EIs as ESC measures damaged by third party impacts related to livestock traffic, wildlife traffic, livestock traffic, and unauthorized vehicle traffic. The Spread I Environmental inspection staff observed one item regarding ESC measures damaged via a thunderstorm event. The ESC measures were subsequently repaired/maintained within the required timeframes and no resources were impacted.

During the Q3 reporting period the Spread I Environmental inspection staff observed four off right of way impacts within upland locations and one environmental resource impact at S-EF28.

On 9/11/2023, the EI identified two off right of way impacts within ten feet of each other at an upland area east of Bonbrook Mill Road #2 as a result of a high intensity/short duration rainfall event that occurred on 9/7/2023. The rainfall event caused ESC measures to become overwhelmed and sediment traveled approximately 150 feet off right of way. The VADEQ was immediately notified, the ESC measures were repaired/maintained and enhanced, landowner access granted, off right of way sediment removed and stabilization occurred within the required timeframe. **Refer to Section VI. below for further discussion.**

On 9/12/2023, the Spread I Environmental inspection staff and Chief EI observed an environmental resource impact at S-E28 east of Grassy Hill Road that occurred during an active open cut crossing due to a sudden/unpredicted high intensity/short duration storm event. This late afternoon storm event produced approximately one inch of rainfall in .5 hours and caused water levels to rise resulting in the upstream diversion to become overwhelmed and flooding the adjacent workspace area. Additional pumps were deployed to control the water levels and the upstream and downstream diversions were maintained/enhanced. The VADEQ was notified and a Notice of Force Majeure Declaration was submitted to the VADEQ on 9/20/2023 due to the magnitude of this event. **Refer to Section VI. below for further discussion.**

On 9/13/2023, the EI identified an off right of way impact within an upland area east of Bonbrook Mill Road #2 as a result of a high intensity/short duration storm event that occurred on 9/12/2023. The storm event caused ESC measures to become overwhelmed and sediment traveled approximately 60 feet off right of way. The VADEQ was immediately notified, the ESC measures were repaired/maintained and enhanced, landowner access granted, off right of way sediment removed and stabilization occurred within the required timeframe. **Refer to Section VI. below for further discussion.**

On 9/13/2023, the Environmental Auditor identified an off right of way impact within an upland area east of Jones Mill Lane as a result of a high intensity/short duration storm event that occurred on 9/12/2023. The storm event caused ESC measures to become overwhelmed and sediment traveled approximately 25 feet off right of way. Based on communication with the Spread I Environmental inspection staff, Off Right of Way Sediment Tracker, and a SWPPP VSIR, the VADEQ was immediately notified, the ESC measures were repaired/maintained, landowner access granted, off right of way sediment removed and stabilization occurred within the required timeframe. **Refer to Section VI. below for further discussion.**

During the Q3 reporting period all items provided on the punchlist were communicated between the Spread I Environmental inspection staff and contractor Environmental staff and addressed within the VADEQ approved timeframe (24 hours/Three Days or as extended by VADEQ authorization). **Refer to Table I-1A and the respective Bi-Weekly Reports for further detailed information.** On 9/10/2023, the Environmental Auditor noted a daily MVP Punchlist item identified on 9/6/2023 listed as completed on 9/7/2023. However, on 9/10/2023 the Environmental Auditor observed the item partially completed. **Refer to Sections VI. and VII. below for further discussion.**

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

**Table I-1A**

Spread I Environmental Inspector Observations: July 1, 2023 – September 30, 2023					
Monthly Observation	Total Number Observations	Environmental Resource Impact	Off Right of Way Impact	Right of Way Impacts Caused by Third Parties	Weather Related Damage
July 2023	*140	0	0	26	0
August 2023	*163	0	0	9	0
September 2023	281	1	4	5	0

\* Includes Carry Over Items

The EIs conducted a total of 427 SWPPP inspections and provided respective VSIRs throughout the Q3 reporting period. Upon review of the SWPPP VSIRs, it appears that the EIs observations were documented within the daily MVP Punchlists, communicated to the contractor, and noted issues were maintained/repared within the same day or within the VADEQ approved timeframe (24 Hours/Three Days or as extended by VADEQ authorization). On 9/10/2023, the Environmental Auditor noted a daily MVP Punchlist item identified on 9/6/2023 and listed as completed on 9/7/2023 not completed. **Refer to Sections VI. and VII for further discussion.**

The ODCP inspectors conducted ODCP inspections at Laydown Yard 045/046 throughout the Q3 reporting period. Twenty-five inspections were conducted in July, 27 inspections were conducted in August, and 26 inspections were conducted in September. On 7/13/2023, a small leak was observed near the employee parking area during the ODCP inspection. The contractor was immediately notified, absorbent material was spread over the impacted area, the material was cleaned up and placed in containment for offsite disposal the same day. No environmental resources were impacted and documentation was provided within the ODCP inspection report. On 9/19/2023, a small spill near a fuel pump was observed during the ODCP inspection. The contractor was immediately notified, the spill cleaned up and materials properly disposed the same day. No environmental resources were impacted and documentation was provided within the ODCP inspection report. On 9/30/2023, a small oil spill near a secondary containment structure and fuel spill near a refueling station were identified during the ODCP inspection. Per communication with the Spread I Environmental Coordinator, the contractor was immediately notified, the spills cleaned up and materials properly disposed the same day. None of the spills exceeded the reportable quantity.

An approximate total of 21 recordable precipitation events occurred during the Q3 reporting period. On 9/7/2023, a storm event with intervals of high intensity/short duration rainfall produced approximately .75 inches in one hours. This event caused ESC measures to become overwhelmed within approximately 10 feet of each other resulting in off right of impacts at both locations within an upland area. These impacts were identified by the Spread I Environmental inspection staff on 9/11/2023. **Refer to discussion above, Table I-1B, Section IV., and Section VI. for further discussion.**

On 9/12/2023, a high intensity/short duration storm event produced approximately 1.2 inches of rainfall in two hours. This event caused ESC measures to become overwhelmed resulting in an off right of way impact within an upland area. This impact was identified by the Spread I Environmental inspection staff on 9/13/2023. **Refer to discussion above, Table I-1B, Section IV., and Section VI. for further discussion.**

On 9/12/2023, a high intensity/short duration storm event produced approximately 1.2 inches of rainfall in two hours. This event caused ESC measures to become overwhelmed resulting in an off right of way impact within an upland area. This impact was identified by the Environmental Auditor on 9/13/2023. **Refer to discussion above, Table I-1B, Section IV., and Section VI. for further discussion.**

On late afternoon 9/12/202, a sudden/unpredicted high intensity/short duration storm event produced approximately one inch of rainfall in .5 hours. This event caused water levels to rise in S-E28 during open cut operations causing the dam/pump around system to become overwhelmed and flooding the nearby temporary work space area. This impact was immediately identified by the onsite Spread I Environmental inspection staff and contractor. **Refer to discussion above, Table I-1B, Section IV., and Section VI. for further discussion.**

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

**Table I-1B**

Spread I Rainfall and Duration Rates: July 1, 2023 – September 30, 2023					
July		August		September	
Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
7/3/2023	0.0"-1.3" - 2 Hours *Scattered thunderstorms occurred on 7/2/2023	8/1/2023	0.0"-1.0" - 4 Hours *Isolated storms occurred on 7/31/2023	9/8/2023	0.0"-2.4" - 6 Hours *Isolated thunderstorms with intervals of high intensity/short duration rainfall occurred late on 9/7/2023
7/10/2023	0.2"-1.2" - 3 Hours *Scattered thunderstorms occurred on 7/8/2023 and 7/9/2023	8/4/2023	0.4"-1.2" - 12 Hours *Steady light rain occurred on 8/3/2023	9/10/2023	0.1"-1.3" - 6 Hours *Scattered storms occurred on 9/9/2023
7/14/2023	0.8"-2.5" - 6 Hours *Scattered thunderstorms with intervals of high intensity/short duration rainfall occurred late 7/13/2023 into early 7/14/2023	8/7/2023	0.3"-0.4" - 6 Hours *Isolated storms occurred on 8/6/2023	9/12/2023	0.0"-0.5" - 2 Hours *Isolated storms with areas of high intensity/short duration rainfall occurred on 9/11/2023
7/16/2023	0.2"-2.3" - 12 Hours *Scattered thunderstorms with locations experiencing high intensity/short duration rainfall occurred on 7/15/2023	8/10/2023	0.1"-0.5" - 2 Hours *Rainfall occurred on 8/9/2023	9/13/2023	0.1"-1.25" - 2 Hours *A storm event with a brief interval of high intensity/short duration rainfall occurred on 9/12/2023
7/19/2023	0.2"-1.3" - 4 Hours *Scattered storms occurred on 7/18/2023	8/16/2023	0.0"-0.7" - 2 Hours *Isolated rainfall occurred on 8/15/2023	9/18/2023	0.25"-0.5" - 6 Hours *Rainfall occurred on 9/17/2023
7/24/2023	0.0"-0.4" - 4 Hours *Isolated storms occurred on 7/23/2023	8/24/2023	0.0"-1.5" - .5 Hours *Isolated storms with high intensity/short duration rainfall	9/23/2023	0.4"-0.8" - 6 Hours *Rainfall from Tropical Storm Ophelia occurred into 9/22/2023
7/31/2023	0.0"-0.5" - 3 Hours *Isolated storms occurred on 7/29/2023	8/28/2023	0.5"-3.0" - 4 Hours *Heavy rainfall occurred late 8/27/2023	9/24/2023	0.1"-1.0" - 12 Hours *Rainfall from Tropical Storm Ophelia continued on 9/23/2023



#### **IV. Quarterly Summary of VADEQ Observations**

Per Table I-1C, the VADEQ Inspectors observed a total of 67 items requiring repair/maintenance throughout the Q3 reporting period. All items provided on the punchlist for the reporting period were communicated to the contractor Environmental staff and addressed within the VADEQ approved timeframe (24 hours/Three Days or as extended by DEQ authorization). No items related to third party impacts were identified by the VADEQ throughout the Q3 reporting period. During the Q3 reporting period, the VADEQ did not identify any project related off right of way or environmental resource impacts throughout the Spread I project area. **Refer to Table I-1C and the respective Bi-Weekly Reports for further detailed information.**

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

**Table I-1C**

<b>Spread I VADEQ Observations: July 1, 2023 – September 30, 2023</b>					
<b>Monthly Observation</b>	<b>Total Number Observations</b>	<b>Environmental Resource Impact</b>	<b>Off Right of Way Impact</b>	<b>Right of Way Impacts Caused by Third Parties</b>	<b>Weather Related Damage</b>
July 2023	5	0	0	0	0
August 2023	36	0	0	0	0
September 2023	26	0	0	0	0

#### **V. Quarterly Summary of Landowner/Third Party Issues**

The Environmental Auditor noted one formal landowner/third party complaint for the Spread I Project during the Q3 reporting period.

A third party complaint report titled "Comment on Construction (VMRC protected streams)" dated August 11, 2023 was submitted to the FERC. The complainant cited that "MVP's recent surge of construction activity in Franklin County" "will cause additional damage" within the Teels Creek and Little Creek watersheds. The Environmental Auditor continues to evaluate the right of way including locations within the Teels Creek and Little Creek watersheds. On 8/15/2023, the Environmental Auditor conducted site evaluations at S-II2 (approximate station 13916+00) and S-E28 (approximate station 13642+75) and observed the temporary bridge crossings and ESC measures installed and functional and no project related impacts to environmental resources at the time of the evaluations. The Environmental Auditor conducted subsequent site evaluations within the Teels Creek and Little Creek watersheds throughout the Q3 2023 reporting period and observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional and no environmental resource impacts were observed at the time of the evaluations. The Environmental Auditor communicates regularly with the Spread I Environmental staff, onsite contractors, Chief EI, and the MVP Environmental staff related to observations and recommendations as needed to maintain compliance with the Annual Standards and Specifications. The Spread I Environmental inspection staff continues to conduct daily inspections and required SWPPP inspections throughout the right of way, provides documentation based on inspection findings, and communicates with the contractor staff as necessary to address corrective actions within the required time frames.

#### **VI. Quarterly Summary of Environmental Auditor Observations and Recommendations**

Per Table I-1D, the Environmental Auditor conducted 88 site evaluations during the Q3 reporting period and observed locations where ESC measures required repair/maintenance or additional (enhanced) ESC measures be installed as necessary to minimize erosion and sediment impacts.

During the reporting period, the Environmental Auditor evaluated the ESC, SWM, and Pollution Prevention measures throughout the project for proper installation and functionality. The Environmental Auditor also reviewed and provided recommendations related to daily MVP Punchlists, SWPPP VSIRs,



and ODCP inspection reports. The Environmental Auditor communicated observations and recommendations to the Spread I LEI, Assistant LEI, Chief EI, Environmental Coordinator, contractor Environmental staff, and MVP Environmental staff. Repair/maintenance items and most recommendations were forwarded to the contractor Environmental staff by the Spread H Environmental inspection staff and subsequently addressed. The Environmental Auditor provided the following detailed technical and administrative/documentation recommendations:

### **Technical Recommendations**

- Conduct vegetative clearing where ESC measures (especially waterbar end sumps and perimeter sediment controls) cannot be inspected/maintained for functionality due to thick vegetative cover.
- Evaluate pumped water filter bags and straw bale containment structures (dewatering facilities) to ensure they level per the ESC Plan requirements for proper functionality. Utilize the correct size pumped water filter bags based on pumping rates. Coordinate with the contractor as necessary to reinstall any dewatering facility not meeting the ESC Plan requirements.
- Install slope drains where waterbars will discharge down slopes into waterbar end sumps and install rip rap at the pipe inlet and outlet per the ESC Plan requirements.
- Install soil stabilization blanket (SSB) within flow paths (waterbar and Clean Water Diversion dikes) as necessary.
- Implement frequent Dust Control measures on access roads and the right of way as necessary.
- Conduct frequent soil build up/removal at temporary bridge crossings throughout each day as necessary.
- Install additional/enhanced ESC measures as necessary throughout the right of way and access roads to prevent potential off right of way impacts and to minimize daily MVP Punchlist corrective action items.
- Ensure that onsite equipment/materials and pipe coating operations have secondary containment measures properly installed and maintained.
- Install additional ESC measures on travel lane slope approaches to temporary bridge crossings at environmental resources.
- Monitor real time radar for sudden storm events.

### **Administrative/Documentation Recommendations**

- Conduct QA/QC to ensure consistency and thoroughness between the daily MVP Punchlists and SWPPP VSIRs. Ensure photo documentation within the VSIRs is sufficient for a given inspection coverage area especially locations where active earth disturbance and environmental resource open cut/bore activities are occurring.

The Environmental Auditor also provided recommendations to monitor ESC measures throughout the project and conduct repair/maintenance/enhancements and restabilization activities as necessary to meet the ESC Plan requirements.

On 9/13/2023, the Environmental Auditor observed an off right of way sediment impact east of Jones Mill Lane where ESC measures appeared to be overwhelmed due to a storm event on 9/12/2023. The Environmental Auditor immediately notified the onsite EI, Spread I, Assistant LEI, Chief EI, and MVP Environmental staff. The Environmental Auditor provided recommendations to install enhanced ESC measures upslope and at the location where the impact occurred. Based on follow up communication, Sediment Impact Tracker, and SWPPP VSIR review, the ESC measures were repaired, off right of way sediment removed and the impacted area stabilized within the required timeframe. The Spread I Environmental inspection staff and Environmental Auditor will continue to monitor this location.

On 9/13/2023, the Environmental Auditor evaluated the right of way location east of Bonbrook Mill Road #2 where three off right of way impacts occurred within the same location at an upland area due to storm events that occurred on 9/7/2023 and 9/12/2023. The Environmental Auditor observed the sediment removed and the impacted area stabilized. The Environmental Auditor communicated with the Spread I LEI, Assistant LEI, onsite EI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to properly installing waterbars per the ESC Plan requirements, installing slope drains, and installing soil stabilization blanket (SSB) in areas where straw mulch could potentially be ineffective due to concentrated flow conditions. The Spread I Environmental inspection staff and the Environmental Auditor continued to monitor this location throughout the Q3 reporting period.

On 9/27/2023, the Environmental Auditor conducted a site evaluation at S-E28 east of Grassy Hill Road. The Environmental Auditor observed the open cut crossing completed, the stream and buffer restored, and the ESC measures installed and functional with no visible project related impacts at the time of the evaluation.

On 9/10/2023, the Environmental Auditor conducted a follow up site evaluation at a location where a daily MVP Punchlist item was identified on 9/6/2023 and listed as completed on 9/7/2023 to install SSB and check dams within a CWD dike flow path. The Environmental Auditor observed the punchlist item partially completed and communicated this issue with the Spread I LEI, Chief EI, and MVP Environmental staff. On 9/17/2023, the Environmental Auditor conducted a follow up site evaluation and observed the ESC measures installed and functional. The Environmental Auditor communicated with the Spread I Environmental Coordinator to obtain photos depicting that actual date the punchlist item was completed and no photos were available.

The Spread I Environmental inspection staff, contractor Environmental staff, Chief EI, and Environmental Auditor continue to monitor locations throughout the right of way and communicate/coordinate to repair/maintain and implement additional (enhanced) ESC measures as necessary. The Environmental Auditor continues to communicate with the Spread I LEI, Chief EI, and MVP Environmental staff on a regular basis. Discussions entail project feedback, technical support, and recommendations/guidance to maintain compliance with the Annual Standards and Specifications.

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

**Table I-1D**

<b>Environmental Auditor Field Observations: July 1, 2023 – September 30, 2023</b>	
<b>Month</b>	<b>Total Observations</b>
July 2023	23
August 2023	35
September 2023	30

**VII. Conclusion(s)**

Per Section IV. (b) (1) of the Consent Decree the Environmental Auditor conducted site evaluations, evaluated daily MVP Punchlists, ODCP Inspection reports, SWPPP VSIRs, communicated with the Spread I Environmental inspection staff, contractor Environmental staff, Chief EI, and the MVP Environmental staff and has concluded the following for the Spread I Project:

- The Best Management Practices for the Project have been implemented in accordance with MVP’s Project Specific Annual Standards and Specifications, Erosion and Sediment Control Plans, and Stormwater Management plans;
- The temporary ESC measures were properly installed, inspected, and maintained; however, a daily MVP Punchlist item identified on 9/6/2023 was listed as completed on 9/7/2023. Based on a site evaluation conducted by the Environmental Auditor on 9/10/2023, this item was partially completed; and

- All ineffective temporary ESC measures observed by the Environmental Inspectors were repaired and ESC measures in need of routine maintenance were maintained within the timeframes required by MVP's Annual Standards and Specifications or as otherwise provided in the Consent Decree.

Based on the aforementioned observations, the resources available and deployed in the field (including EIs and the contractor Environmental staff) were sufficient to regularly and consistently conduct routine maintenance and/or repair ineffective ESC measures in a timely manner throughout the Q3 reporting period. The Environmental Auditor recommends the following: continued communication between the MVP Spread I Environmental inspection staff and the contractor Environmental staff to ensure all ESC measures are properly installed and functional and enhanced where necessary to maintain compliance with the approved ESC Plans and Annual Standards and Specifications; and conducting QA/QC on all SWPPP VSIRs and daily MVP Punchlists to ensure documentation is thorough, consistent, and accurate.

As the VADEQ is aware, there are several instances noted in the Q4 2019 through Q2 2023 Reports in which sediment has left the ROW but MVP's requests for landowner permission to take corrective measures have been denied. Therefore, in accordance with Section IV.a of the Consent Decree, the Environmental Auditor concludes that all alleged instances of non-compliance with MVP's Annual Standards and Specifications, MVP's Site-Specific ESC and SWM Plans, and Clean Water Act Section 401 Water Quality Certification No. 17.001 addressed in the Consent Decree that are within MVP's power to correct have been corrected.

MOUNTAIN VALLEY PIPELINE

SPREAD 1

ENVIRONMENTAL AUDITOR PARTIAL BI-WEEKLY REPORT - 7/1/2023 through 7/9/2023 (BEGINNING OF Q3 2023 REPORTING PERIOD)

ENVIRONMENTAL AUDITOR CONTACT INFORMATION

Joe Crea CPESC, CPSWQ

Tetra Tech

661 Andersen Drive, Suite 200, Pittsburgh PA 15220

Report Period Ending: 7/9/2023

Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 37 conducted from 7/1/2023 through 7/9/2023 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards)

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 7/1/2023 through 7/9/2023 (includes Carry Over Items from 6/30/2023): 16

Total Number of ODCP Inspections at Laydown Yard 045/046: 6 (7/1/2023, 7/3/2023 through 7/8/2023): Holiday on 7/4/2023

Total Number of VA DEQ Observations from 7/1/2023 through 7/9/2023: 1

Total Number of Landowner/Third Party Reported Complaints: 0

Total Number of Right of Way Impacts Caused by Third Parties: 5 (wildlife traffic and unauthorized 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 7/1/2023 through 7/9/2023.

CARRY OVER ITEMS FROM 6/30/2023

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2020	2.5"-6.3" - 20 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	1 on 11/13, 11/16, 11/19, 11/23/2020, and 4/17/2023 to be completed upon USACOE approval. Long term extensions granted on 11/24/2020 and updated on 4/20/2023.			One item related to bridge repair is awaiting ACOE approval.

ENVIRONMENTAL INSPECTOR OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
7/3/2023	0.0"-1.3" - 2 Hours *Scattered thunderstorms occurred on 7/2/2023	5				2	3		5 on 7/3/2023		Five items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to unauthorized traffic.
7/5/2023		6					6		1 on 7/5/2023 (Immediate) 4 on 7/5/2023 1 on 7/6/2023		Six items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe. One of the identified items was a minor spill requiring immediate action. The spill was cleaned up and materials properly disposed. No environmental resources were impacted.
7/7/2023		4				3	1		4 on 7/7/2023		Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. Three of the identified items were caused by third party impacts related to wildlife traffic.

VADEQ OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
7/8/2023		1					1		1 on 7/8/2023		One item was identified requiring ESC 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	
7/5/2023	The Environmental Auditor conducted site evaluations at Foggy Ridge Road (CIS) and MVP-FR-300/ATWS-569A.	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread I LEI, Chief EI, and MVP Environmental staff regarding proper waterbar installation, monitoring staged equipment for leaks and spills, and recommendations to conduct restabilization activities in accordance with the ESC Plan requirements.	
7/1/2023 through 7/9/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread I Project.  The Environmental Auditor communicated with all Spread LEIs on 7/6/2023 regarding the Partial Bi-Weekly reporting period ending on 7/9/2023. The Environmental Auditor recommended the following: stabilizing slopes above environmental resources and installing an adequate sediment control measure (other than current wattles) at the toe of the slope near the temporary bridge crossing in areas disturbed via active construction activities, ensuring waterbars are properly reconstructed per the ESC Plan requirements, implementing temporary stabilization per the ESC Plan requirements, and monitoring locations under active construction and installing enhanced ESC measures as needed.	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 I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.  The Environmental Auditor met with the Spread I LEI and discussed SWPPP VSIR documentation related to photo documentation relevant to the actual coverage area.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

Report Period Ending: 7/23/2023  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: <b>62</b> conducted from 7/10/2023 through 7/23/2023 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards): Refer to Environmental Auditor Field Observations and Recommendations for further discussion.											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 7/10/2023 through 7/23/2023 (includes Carry Over Items from 7/9/2023): <b>110</b>											
Total Number of ODCP Inspections at Laydown Yard 045/046: <b>6</b> (7/10/2023 through 7/15/2023); <b>6</b> (7/17/2023 through 7/22/2023): On 7/13/2023, a small leak was observed near the employee parking area at MVP-LY-045 during an ODCP inspection. The contractor was immediately notified, absorbent material was spread over the impacted area, the material was cleaned up and placed in containment for offsite disposal the same day.											
Total Number of VA DEQ Observations from 7/10/2023 through 7/23/2023: <b>3</b>											
Total Number of Landowner/Third Party Reported Complaints: <b>0</b>											
Total Number of Right of Way Impacts Caused by Third Parties: <b>14</b> (wildlife traffic, livestock traffic, and unauthorized traffic)											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris): <b>0</b>											
Total Number of Off Right of Way Impacts: <b>0</b>											
Total Number of Environmental Resource Impacts: <b>0</b>											
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: <b>0</b>											
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 7/10/2023 through 7/23/2023 .											
CARRY OVER ITEMS FROM 7/9/2023											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2020	2.5"-6.3" - 20 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	1 on 11/13, 11/16, 11/19, 11/23/2020, and 4/17/2023 to be completed upon USACOE approval. Long term extensions granted on 11/24/2020 and updated on 4/20/2023.			One item related to bridge repair is awaiting ACOE approval.
ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
7/10/2023	0.2"-1.2" - 3 Hours *Scattered thunderstorms occurred on 7/8/2023 and 7/9/2023	3					3		3 on 7/10/2023		Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/11/2023		6				4	2		6 on 7/11/2023		Six items were identified requiring ESC repair/maintenance and completed within the required timeframe. Four of the identified items were caused by third party impacts related to livestock traffic.
7/12/2023		6					6		4 on 7/12/2023 2 on 7/13/2023		Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/13/2023		*13				1	12		13 on 7/13/2023		Thirteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to unauthorized traffic. Twelve of these items were identified by the contractor Environmental staff while conducting routine maintenance activities.
7/14/2023	0.8"-2.5" - 6 Hours *Scattered thunderstorms with intervals of high intensity/short duration rainfall occurred late 7/13/2023 into early 7/14/2023	*10					10		10 on 7/14/2023		Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe. Five of these items were identified by the contractor Environmental staff while conducting routine maintenance activities.
7/15/2023		*3				1	2		3 on 7/15/2023		Three items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to wildlife traffic. One of these items was identified by the contractor Environmental staff while conducting routine maintenance activities.
7/17/2023	Rain Gauge data reported on 7/16/2023 0.2"-2.3" - 12 Hours *Scattered thunderstorms with locations experiencing high intensity/short duration rainfall occurred on 7/15/2023	*19				5	14		12 on 7/17/2023 7 on 7/18/2023		Nineteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. Five of the identified items were caused by third party impacts related to livestock traffic (1), wildlife traffic (2), and unauthorized traffic (2). Four of these items were identified by the contractor Environmental staff while conducting routine maintenance activities.
7/18/2023		*15				1	14		6 on 7/18/2023 9 on 7/19/2023		Fifteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to unauthorized traffic. Four of these items were identified by the contractor Environmental staff while conducting routine maintenance activities.
7/19/2023	0.2"-1.3" - 4 Hours *Scattered storms occurred on 7/18/2023	11					11		7 on 7/19/2023 4 on 7/20/2023		Eleven items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
7/20/2023		*11				2	9		11 on 7/20/2023		Eleven items were identified requiring ESC repair/maintenance/good housekeeping and completed within the required timeframe. Two of the identified items were caused by third party impacts related to livestock traffic and unauthorized traffic. Eight of these items were identified by the contractor Environmental staff while conducting routine maintenance activities.
7/21/2023		*12					12		10 on 7/21/2023 2 on 7/22/2023		Twelve items were identified requiring ESC repair/maintenance/good housekeeping and completed within the required timeframe. One of these items was identified by the contractor Environmental staff while conducting routine maintenance activities.

VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
7/18/2023		1					1			1 on 7/18/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
7/21/2023		1					1			1 on 7/21/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
7/22/2023		1					1			1 on 7/22/2023	One item was identified requiring ESC 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				
7/10/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-LY-032, MVP-LY-033, MVP-FR-300/ATWS-569A (CIS/GAS), and Leaning Oak Road (CIS/GAS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread I LEI, Chief EI, and MVP Environmental staff regarding recommendations related to proper waterbar installation, ESC measures repair/maintenance, installing enhanced ESC measures, and monitoring laydown yards and refresh the stone pads as necessary. The Environmental Auditor met with the contractor Environmental foreman onsite and reviewed observations.				
7/12/2023	The Environmental Auditor conducted site evaluations at the following locations: US-220 (CIS), Bonbrook Mill Road #2 (CIS), and Cahas Mountain Road #1 (GAS).						The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread I LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to conducting temporary stabilization measures.				
7/20/2023	The Environmental Auditor conducted site evaluations at the following locations: Brick Church Road (CIS/GAS), Grassy Hill Road (GAS), MVP-FR-303.01 (CIS/GAS), and MVP-FR-302 (GAS).						The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread I LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance, proper waterbar installation and installing enhanced ESC measures in areas where previous temporary bridge mats were replaced.				
7/10/2023 through 7/23/2023	<p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODCP reports, and most SWPPP VSIRs to be compliant during this reporting period for the Spread I Project. The Environmental Auditor noted 8 SWPPP VSIRs with incomplete/incorrect sections throughout the reporting period and communicated the observations to the Spread I LEI, Environmental Coordinator, Chief EI, and MVP Environmental staff.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 7/13/2023 and 7/20/2023 regarding the Bi-Weekly reporting period ending on 7/23/2023. The Environmental Auditor recommended the following: implementing temporary stabilization per the ESC Plan requirements, installing soil stabilization blanket in waterbar flow paths and areas where straw mulch becomes displaced, maintaining SWPPP VSIR consistency/thoroughness throughout each Spread, and ensuring consistency between the SWPPP VSIRs and daily MVP Punchlists related to third party impacts documentation.</p>						<p>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 I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.</p> <p>The Environmental Auditor recommends conducting QA/QC on SWPPP VSIRs and daily MVP Punchlists to ensure all documentation is complete and correct.</p>				
REQUIRED FINDINGS AND CONCLUSIONS											
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).									
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes										
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes										
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes										

Report Period Ending: 8/6/2023  
 Report Prepared By: Joe Crea

**SUMMARY OF FINDINGS**

Total Number of SWPPP Inspections: **68** conducted from 7/24/2023 through 8/6/2023 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards): **Refer to Environmental Auditor Field Observations and Recommendations.**  
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 7/24/2023 through 8/6/2023 (includes Carry Over Items from 7/23/2023): **36**  
 Total Number of ODCP Inspections at Laydown Yard 045/046: **6** (7/24/2023 through 7/29/2023); **6** (7/31/2023 through 8/5/2023)  
 Total Number of VA DEQ Observations from 7/24/2023 through 8/6/2023: **2**  
 Total Number of Landowner/Third Party Reported Complaints: **0**  
 Total Number of Right of Way Impacts Caused by Third Parties: **9** (wildlife traffic and livestock traffic)  
 Total Number of Right of Way Impacts Caused by Weather Related Damage (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 7/24/2023 through 8/6/2023 .

**CARRY OVER ITEMS FROM 7/23/2023**

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2020	2.5"-6.3" - 20 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	1 on 11/13, 11/16, 11/19, 11/23/2020, and 4/17/2023 to be completed upon USACOE approval. Long term extensions granted on 11/24/2020 and updated on 4/20/2023.		1 on 8/3/2023 (Ext. Request)	One item related to bridge repair was repaired on 8/3/2023 via an extension request approval from the VADEQ.

**ENVIRONMENTAL INSPECTOR OBSERVATIONS**

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
7/24/2023	0.0"-0.4" - 4 Hours *Isolated storms occurred on 7/23/2023	7				4	3		4 on 7/24/2023	3 on 7/24/2023	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe. Four of the identified items were caused by third party impacts related to livestock traffic (3) and wildlife traffic (1).
7/25/2023		1				1			1 on 7/25/2023		One item was identified requiring ESC repair/maintenance and completed within the required timeframe. This item was caused by third party impacts related to livestock traffic.
7/26/2023		1				1			1 on 7/27/2023		One item was identified requiring ESC repair/maintenance and completed within the required timeframe. This item was caused by third party impacts related to livestock traffic.
7/27/2023		*2					2		2 on 7/27/2023		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. *One of these items was identified by the contractor Environmental staff while conducting routine maintenance activities.
7/28/2023		1				1			1 on 7/28/2023		One item was identified requiring ESC repair/maintenance and completed within the required timeframe. This item was caused by third party impacts related to wildlife traffic.
7/31/2023	0.0"-0.5" - 3 Hours *Isolated storms occurred on 7/29/2023	2					2		1 on 7/31/2023 1 on 8/1/2023		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/1/2023	0.0"-1.0" - 4 Hours *Isolated storms occurred on 7/31/2023	8					8		5 on 8/1/2021 (1 immediate due to spill)	3 on 8/2/2023	Eight items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
8/2/2023		4					4		3 on 8/2/2023 1 on 8/3/2023		Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/3/2023		4				1	3		4 on 8/3/2023		Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to livestock traffic.
8/4/2023	0.4"-1.2" - 12 Hours *Steady light rain occurred on 8/3/2023	2					2		2 on 8/4/2023		Two items were identified requiring Pollution Prevention repair/maintenance and completed within the required timeframe.
8/5/2023		3				1	2		1 on 8/5/2023	2 on 8/5/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to livestock traffic.

**VADEQ OBSERVATIONS**

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
7/24/2023	0.0"-0.4" - 4 Hours *Isolated storms occurred on 7/23/2023	1					1			1 on 7/24/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
8/4/2023	0.4"-1.2" - 12 Hours *Steady light rain occurred on 8/3/2023	1					1			1 on 8/4/2023	One item was identified requiring ESC 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
<b>ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS</b>			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
7/24/2023	The Environmental Auditor conducted site evaluations at the following locations: Bonbrook Mill Road #1 (GAS, Bonbrook Mill Road #2 (CIS), Jones Mill Lane (GAS), Angle Plantation Road (CIS/GAS) and US-220 (CIS).	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread I LEI, Assistant LEI, Chief EI, contractor Environmental Coordinator, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance, installing enhanced ESC measures in areas where temporary bridge mats were replaced, and monitoring areas currently disturbed due to vehicle/equipment access.	
7/31/2023	The Environmental Auditor conducted site evaluations at the following locations: Webster Road (CIS), MVP-FR-315 (CIS), Golden View Road (GAS), Farm View Road (GAS), and Foggy Ridge Road (CIS).	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread I LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance, installing additional ESC measures above an environmental resource, and installing ESC measures within active construction areas to meet ESC Plan requirements.	
8/3/2023	The Environmental Auditor conducted site evaluations at the following locations: Foggy Ridge Road (CIS), Iron Ridge Road (GAS), and MVP-FR-300 (CIS/GAS).	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. One of the locations was where pipeline has been installed across environmental resources. The Environmental Auditor communicated with the Spread I LEI, Assistant LEI, Chief EI, contractor Environmental Coordinator, and MVP Environmental staff regarding observations and recommendations related to conducting street sweeping activities, applicable ESC measures installation per the ESC Plan requirements, properly soil stabilization blanket installation, and a reminder to conduct temporary stabilization per the ESC Plan timeframe requirements.	
7/24/2023 through 8/6/2023	<p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread I Project.</p> <p>The Environmental Auditor communicated with the Spread I LEI and Environmental Coordinator regarding SWPPP VSIR documentation related to identifying corrective actions addressed from previous SWPPP inspections.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 7/27/2023 and 8/2/2023 regarding the Bi-Weekly reporting period ending on 8/6/2023. The Environmental Auditor provided several technical recommendations to prepare for upcoming active construction and documentation recommendations related to SWPPP VSIRs and daily MVP Punchlists.</p>	<p>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 I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.</p> <p>The Environmental Auditor recommends conducting QA/QC on SWPPP VSIRs to ensure documentation is complete throughout all sections.</p>	
<b>REQUIRED FINDINGS AND CONCLUSIONS</b>			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

Report Period Ending: 8/20/2023  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 62 conducted from 8/7/2023 through 8/20/2023 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards)  
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 8/7/2023 through 8/20/2023 (includes Carry Over Items from 8/6/2023): 64  
 Total Number of ODCP Inspections at Laydown Yard 045/046: 6 (8/7/2023 through 8/12/2023); 6 (8/14/2023 through 8/19/2023): Small holes were observed under secondary containment during an ODCP inspection on 8/17/2023 and documented as repaired on 8/18/2023. No leaks or spills were observed.  
 Total Number of VA DEQ Observations from 8/7/2023 through 8/20/2023: 5  
 Total Number of Landowner/Third Party Reported Complaints: 1 (A third party complaint was submitted to FERC on 8/11/2023. The complainant cited that "MVP's recent surge of construction activity in Franklin County" "will cause additional damage" within the Teels Creek and Little Creek watersheds. The Environmental Auditor continues to evaluate the right of way including locations within the Teels Creek and Little Creek watersheds. On 8/15/2023, the Environmental Auditor conducted site evaluations at S-112 (approximate station 13916+00) and S-E28 (approximate station 13642+75) and observed the temporary bridge crossings and ESC measures installed and functional and no project related impacts to environmental resources at the time of the evaluations. The Environmental Auditor communicates regularly with the Spread I Environmental staff, Chief EI, MVP Environmental staff, and the contractor and provides observations and recommendations as needed to maintain compliance with the Annual Standards and Specifications and the ESC Plan requirements. The Spread I Environmental inspection staff continues to conduct daily inspections and required SWPPP inspections throughout the right of way, provides documentation based on inspection findings, and communicates with the contractor staff as necessary to address corrective actions within the required time frames.  
 Total Number of Right of Way Impacts Caused by Third Parties: 6 (livestock traffic and unauthorized 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 8/7/2023 through 8/20/2023.

CARRY OVER ITEMS FROM 8/6/2023

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
---------------------	-----------------------------------	---------------------------	-------------------------------	-------------------------	-------------------------------------------------------	----------------------------------------------	---------------------	-----------------------------------	-------------------------	---------------------------	-------------------------

ENVIRONMENTAL INSPECTOR OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
8/7/2023	0.3"-0.4" - 6 Hours *Isolated storms occurred on 8/6/2023	14				2	12		13 on 8/7/2023 1 on 8/8/2023		Fourteen items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to livestock traffic.
8/8/2023		1					1		1 on 8/8/2023		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
8/9/2023		4				2	2		3 on 8/9/2023 1 on 8/10/2023		Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to livestock traffic.
8/10/2023	0.1"-0.5" - 2 Hours *Rainfall occurred on 8/9/2023	6				2	4			6 on 8/10/2023	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to unauthorized traffic.
8/11/2023		3					3		3 on 8/11/2023		Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/14/2023		8					8		8 on 8/14/2023		Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/15/2023		10					10		7 on 8/15/2023 2 on 8/16/2023	1 on 8/15/2023	Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/16/2023	0.0"-0.7" - 2 Hours *Isolated rainfall occurred on 8/15/2023	1					1			1 on 8/16/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
8/17/2023		8					8			8 on 8/17/2023	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/18/2023		9					9		7 on 8/18/2023 1 on 8/19/2023	1 on 8/18/2023	Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe.

VADEQ OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
8/7/2023	0.3"-0.4" - 6 Hours *Isolated storms occurred on 8/6/2023	1					1			1 on 8/7/2023	One item was identified requiring Pollution Prevention repair/maintenance and completed within the required timeframe.
8/8/2023		2					2		1 on 8/8/2023	1 on 8/8/2023	Two items were identified requiring ESC/Pollution Prevention repair/maintenance and ESC Plan redlines, respectively and completed within the required timeframe.
8/16/2023	0.0"-0.7" - 2 Hours *An isolated storm event occurred on 8/15/2023	2					2			2 on 8/16/2023	Two items were identified requiring ESC repair/maintenance and ESC Plan redlines, respectively and completed within the required timeframe.

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
Report submitted to FERC on 8/11/2023	Iron Ridge Road	1	A third party complaint report titled "Comment on Construction (VMRC protected streams)" dated August 11, 2023 was submitted to the FERC. The complainant cited that "MVP's recent surge of construction activity in Franklin County" "will cause additional damage" within the Teels Creek and Little Creek watersheds. The Environmental Auditor continues to evaluate the right of way including locations within the Teels Creek and Little Creek watersheds. On 8/15/2023, the Environmental Auditor conducted site evaluations at S-II2 (approximate station 13916+00) and S-E28 (approximate station 13642+75) and observed the temporary bridge crossings and ESC measures installed and functional and no project related impacts to environmental resources at the time of the evaluations. The Environmental Auditor communicates regularly with the Spread I Environmental staff, Chief EI, MVP Environmental staff, and the contractor and provides observations and recommendations as needed to maintain compliance with the Annual Standards and Specifications. The Spread I Environmental inspection staff continues to conduct daily inspections and required SWPPP inspections throughout the right of way, provides documentation based on inspection findings, and communicates with the contractor staff as necessary to address corrective actions within the required time frames.
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
8/8/2023	The Environmental Auditor conducted site evaluations at Leaning Oak Road (CIS/GAS) and Grassy Hill Road (CIS/GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread I LEI, Assistant LEI, Chief EI, contractor Environmental foreman, and MVP Environmental staff regarding observations and recommendations related to utilizing ESC measures per the ESC Plan requirements and ESC measures repair/maintenance.	
8/11/2023	The Environmental Auditor conducted site evaluations at the following locations: Foggy Ridge Road (CIS), US-220 (CIS), and Bonbrook Mill Road #2 (CIS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the respective onsite Spread I EI and provided recommendations regarding the installation of enhanced ESC measures and monitoring guidance related to the pumped water dewatering facility. The Environmental Auditor communicated with the Spread I LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures installation per the ESC Plan requirements, ESC measures repair/maintenance, and installing enhanced ESC measures within a travel lane on a slope approaching an environmental resource.	
8/15/2023	The Environmental Auditor conducted site evaluations at the following locations: Jones Mill Lane (CIS/GAS), Bonbrook Mill Road (GAS), US-220 (CIS), MVP-FR-305 (CIS), Brick Church Road (CIS), and Leaning Oak Road (CIS/GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread I LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance and proper installation of pumped water filter bags.	
8/18/2023	The Environmental Auditor conducted site evaluations at the following locations: Transco Interconnect Station, Bar Ridge Road (GAS), MVP-FR-323 (CIS/GAS), Webster Road (CIS/GAS), and Bonbrook Mill Road #1 (GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread I LEI, Assistant LEI, Chief EI, onsite contractor foreman, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance and proper installation.	
8/7/2023 through 8/20/2023	<p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread I Project.</p> <p>The Environmental Auditor communicated with the Spread I LEI, Environmental Coordinator, and Chief EI regarding SWPPP VSIR documentation related to identifying corrective actions addressed from previous SWPPP inspections and including photos related to corrective action items identified during the given SWPPP inspection.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 8/18/2023 regarding the Bi-Weekly reporting period ending on 8/20/2023. The Environmental Auditor provided technical recommendations regarding ESC measures installation during grubbing, grading, and environmental resource crossings with emphasis placed on monitoring pumped water filter bags for proper functionality during open trench dewatering activities. The Environmental Auditor also provided recommendations related to conducting QA/QC on SWPPP VSIRs and daily MVP Punchlists to ensure complete and consistent documentation.</p>	<p>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 I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.</p> <p>The Environmental Auditor communicated with the Spread I LEI, Environmental Coordinator, and Chief EI and recommended conducting QA/QC on SWPPP VSIRs and daily MVP Punchlists.</p>	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

Report Period Ending: 9/3/2023  
 Report Prepared By: Joe Crea

**SUMMARY OF FINDINGS**

Total Number of SWPPP Inspections: **68** conducted from 8/21/2023 through 9/3/2023 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards)  
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 8/21/2023 through 9/3/2023 (includes Carry Over Items from 8/20/2023): **91**  
 Total Number of ODCP Inspections at Laydown Yard 045/046: **6** (8/21/2023 through 8/26/2023); **7** (8/28/2023 through 9/3/2023); On 8/28/2023, oil droplets were observed beneath a generator within secondary containment during an ODCP inspection. The oil droplets were immediately addressed by the contractor and documented and documented in the 8/29/2023 ODCP inspection report. A tear was observed on the outside portion of a secondary containment liner during ODCP inspections from 9/1/2023 through 9/3/2023. The Environmental Auditor communicated with the Spread I Environmental Inspection staff and received a photo of the liner replaced on 9/3/2023. No spills were observed during the ODCP inspections throughout the reporting period.  
 Total Number of VA DEQ Observations from 8/21/2023 through 9/3/2023: **31**  
 Total Number of Landowner/Third Party Reported Complaints: **0**  
 Total Number of Right of Way Impacts Caused by Third Parties: **1** (unauthorized 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 8/21/2023 through 9/3/2023.

**CARRY OVER ITEMS FROM 8/20/2023**

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS

**ENVIRONMENTAL INSPECTOR OBSERVATIONS**

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
8/21/2023		4					4		3 on 8/21/2023 1 on 8/22/2023		Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/22/2023		7					7		5 on 8/22/2023 2 on 8/23/2023		Seven items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
8/23/2023		1					1			1 on 8/23/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
8/24/2023	0.0"-1.5" - .5 Hours *Isolated storms with high intensity/short duration rainfall	4					4			4 on 8/24/2023	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/25/2023		17					17		13 on 8/25/2023 2 on 8/26/2023	2 on 8/26/2023	Seventeen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/28/2023	0.5"-3.0" - 4 Hours *Heavy rainfall occurred late 8/27/2023	19					19		7 on 8/28/2023	12 on 8/28/2023	Nineteen items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
8/29/2023		6				1	5		1 on 8/29/2023	5 on 8/29/2023	Six items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to unauthorized traffic.
8/30/2023		10					10		5 on 8/30/2023 1 on 8/31/2023	3 on 8/30/2023 1 on 8/31/2023	Ten items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
8/31/2023		9					9		1 on 8/31/2023 1 on 9/1/2023	3 on 8/31/2023 4 on 9/1/2023	Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/1/2023		6					6		3 on 9/1/2023	3 on 9/2/2023	Six items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
9/2/2023		8					8		1 on 9/2/2023 1 on 9/3/2023	5 on 9/2/2023 1 on 9/3/2023	Eight items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.

VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
8/22/2023		1					1			1 on 8/23/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
8/23/2023		5					5			5 on 8/24/2023	Five items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
8/24/2023	0.0"-1.5" - .5 Hours *Isolated storms with high intensity/short duration rainfall	1					1			1 on 8/24/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
8/25/2023		12					12		1 on 8/25/2023	9 on 8/25/2023 2 on 8/26/2023	Twelve items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
8/30/2023		11					11		1 on 8/30/2023	6 on 8/30/2023 3 on 8/31/2023 1 on 9/1/2023	Eleven items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
9/3/2023		1					1		1 on 9/3/2023		One item was identified requiring Pollution Prevention 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				
8/23/2023	The Environmental Auditor conducted site evaluations at the following locations: Iron Ridge Road (GAS), Brick Church Road (CIS), MVP-FR-300 (CIS), Grassy Hill Road (CIS), and Leaning Oak Road (CIS/GAS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the EIs, Spread I LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance, proper ESC measures installation, Pollution Prevention measures installation, and installing additional ESC measures above environmental resource crossings.				
8/27/2023	The Environmental Auditor conducted site evaluations at the following locations: Jones Mill Lane (GAS), Bonbrook Mill Road #2 (CIS/GAS), Bonbrook Mill Road #1 (GAS), and MVP-FR-300 (CIS/GAS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the EIs, Spread I LEI, Assistant LEI, Chief EI, contractor Environmental foreman, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance and installing ESC measures (soil stabilization blanket and dewatering facilities) per the ESC Plan requirements				
8/28/2023	The Environmental Auditor conducted site evaluations at the following locations: Indian Cave Road (CIS/GAS), MVP-FR-321 (CIS/GAS), Timber Ridge Road (CIS), and MVP-FR-313.01 (GAS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the EIs, Spread I LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance, proper ESC measures installation, and installing additional ESC measures above environmental resource crossings.				
8/31/2023	The Environmental Auditor conducted site evaluations at the following locations: US-220 (CIS); State Highway 40 (GAS), and Jacks Creek Road (CIS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the EIs, Spread I LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance, proper ESC measures installation, and proper implementation of Pollution Prevention measures during pipe blasting/coating activities. The Environmental Auditor met onsite with the contractor Coating foreman and provided guidance related to implementing Pollution Prevention measures.				
8/21/2023 through 9/3/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread I Project.  The Environmental Auditor communicated with all Spread LEIs on 8/30/2023 regarding the Bi-Weekly reporting period ending on 9/3/2023. The Environmental Auditor provided technical recommendations regarding ESC measures installation during grubbing, grading, and environmental resource crossings which includes implementation of Pollution Prevention measures. The Environmental Auditor also provided recommendations to conduct QA/QC on SWPPP VSIRs and daily MVP Punchlists, prioritizing daily MVP Punchlist items based on the Annual Standards and Specifications, and ensuring VSIR photo logs depict coverage of a given SWPPP inspection area which includes active construction activities at environmental resource crossings.						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 I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.  The Environmental Auditor communicated with the Spread I LEI, Environmental Coordinator, and Chief EI and recommended conducting QA/QC on SWPPP VSIRs and daily MVP Punchlists.				
REQUIRED FINDINGS AND CONCLUSIONS											
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).									
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes										
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes										
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes										

Report Period Ending: 9/17/2023  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 62 conducted from 9/4/2023 through 9/17/2023 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 9/4/2023 through 9/17/2023 (includes Carry Over Items from 9/3/2023): 172											
Total Number of ODCP Inspections at Laydown Yard 045/046: 5 (9/5/2023 through 9/9/2023); 6 (9/11/2023 through 9/16/2023): <b>Holiday on 9/4/2023</b> (On 9/5/2023 the ODCP inspector observed a tear within a liner. The tear was repaired and documented within the 9/6/2023 ODCP inspection report. On 9/9/2023, 9/11/2023, and 9/12/2023 the ODCP inspector observed DEF containers not stored within secondary containment. Per the 9/13/2023 ODCP inspection report, the DEF containers were removed from the project).											
Total Number of VA DEQ Observations from 9/4/2023 through 9/17/2023: 13											
Total Number of Landowner/Third Party Reported Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 3 (livestock traffic and wildlife 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: 4 (1. Two off right of way sediment impacts within several feet of each other in an upland area were observed by the Spread I EI on 9/11/2023. A high intensity/short duration storm event on 9/7/2023 produced approximately .75 inches of rainfall in one hour causing ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, off right of way sediment removed and stabilization occurred within the required timeframe. No environmental resources were impacted. 2. One off right of way impact sediment impact within an upland area was observed by the Spread I EI on 9/13/2023. A high intensity/short duration storm event on 9/12/2023 produced approximately 1.2 inches of rainfall within two hours causing ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, off right of way sediment removed and stabilization occurred within the required timeframe. No environmental resources were impacted. 3. One off right of way sediment impact within an upland area was observed by the Environmental Auditor on 9/13/2023. A high intensity/short duration storm event on 9/12/2023 produced approximately 1.2 inches of rainfall within two hours causing ESC measures to become overwhelmed. Based on follow up communication, Sediment Impact Tracker, and SWPPP VSIR review, the ESC measures were repaired, off right of way sediment removed and the impacted area stabilized within the required timeframe. No environmental resources were impacted). <b>Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations below for further discussion.</b>											
Total Number of Environmental Resource Impacts: 1 (An environmental resource impact at S-E28 occurred late on 9/12/2023 during an active open cut crossing due to an unpredicted high intensity/short duration storm event. This storm event produced approximately one inch of rainfall in .5 hours caused water levels to rise resulting in the upstream diversion to become overwhelmed and flooding the adjacent workspace area. Additional pumps were immediately deployed to control the water levels and the upstream and downstream diversions were maintained/enhanced. A Courtesy Notice of Force Majeure Declaration was submitted to the VADEQ on 9/15/2023 due to the magnitude of this event. Due to the late time period this impact occurred, it should be noted that this impact was not identified within the daily MVP Punchlist). <b>Refer to Environmental Auditor Field Observations and Recommendations for further discussion.</b>											
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0											
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 9/4/2023 through 9/17/2023. However, On 9/10/2023, the Environmental Auditor observed a daily MVP Punchlist item identified on 9/6/2023 and listed as completed on 9/7/2023 not completed. <b>Refer to Environmental Auditor Field Observations and Recommendations and Required Findings and Conclusions below for further discussion.</b>											
CARRY OVER ITEMS FROM 9/3/2023											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
9/5/2023		2					2		1 on 9/5/2023	1 on 9/5/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/6/2023		7					7		1 on 9/6/2023	3 on 9/6/2023 2 on 9/7/2023 1 on 9/8/2023	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/7/2023		8					8		2 on 9/7/2023	3 on 9/7/2023 3 on 9/8/2023	Eight items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
9/8/2023	0.0"-2.4" - 6 Hours *Isolated thunderstorms with intervals of high intensity/short duration rainfall occurred late on 9/7/2023	25					25		6 on 9/8/2023	15 on 9/8/2023 4 on 9/9/2023	Twenty-five items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
9/9/2023		2					2		2 on 9/9/2023		Two items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
9/11/2023	0.1"-1.3" - 6 Hours *Scattered storms occurred on 9/9/2023 and data provided on 9/10/2023	51		2		1	50		6 on 9/11/2023 4 on 9/12/2023	34 on 9/11/2023 6 on 9/12/2023 1 on 9/13/2023	Fifty-one items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to livestock traffic.  Two of the identified items were off right of way sediment impacts within ten feet from each other traveling approximately 150 feet within an upland area. A storm event with intervals of high intensity/short duration rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, the impacted ESC measures were repaired/maintained, off right of way sediment removed, and stabilization occurred within the required timeframe. No environmental resources were impacted. The Environmental Auditor evaluated this location on 9/13/2023 and provided recommendations related to proper waterbar installation and installing additional enhanced ESC measures. Refer to Environmental Auditor Field Observations and Recommendations for further discussion.
9/12/2023	0.0"-0.5" - 2 Hours *Isolated storms with areas of high intensity/short duration rainfall occurred on 9/11/2023	9					9		1 on 9/12/2023 1 on 9/13/2023	3 on 9/12/2023 3 on 9/13/2023 1 on 9/14/2023	Nine items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
9/13/2023	0.1"-1.25" - 2 Hours *A storm event with a brief interval of high intensity/short duration rainfall occurred on 9/12/2023	22		2		1	21		4 on 9/13/2023 6 on 9/14/2023	7 on 9/13/2023 5 on 9/14/2023	Twenty-two items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to livestock traffic.  Two of the following identified items were off right of way sediment impacts at separate locations within upland areas:  One of the identified items was an off right of way sediment impact traveling approximately 60 feet within an upland area. A storm event with intervals of high intensity/short duration rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, the impacted ESC measures were repaired/maintained, off right of way sediment removed, and stabilization occurred within the required timeframe. No environmental resources were impacted. The Environmental Auditor evaluated this location on 9/13/2023 and provided recommendations related to proper waterbar installation and installing additional enhanced ESC measures. <b>Refer to Environmental Auditor Field Observations and Recommendations for further discussion.</b>  The other identified item which was observed by the Environmental Auditor, was an off right of way sediment impact traveling approximately 25 feet within an upland area. A storm event with intervals of high intensity/short duration rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, the impacted ESC measures were repaired/maintained, off right of way sediment removed, and stabilization occurred within the required timeframe. No environmental resources were impacted. The Environmental Auditor provided recommendations related to proper waterbar installation, installing additional ESC measures, and enhancing a waterbar end sump. <b>Refer to Environmental Auditor Field Observations and Recommendations for further discussion.</b>
9/14/2023		24					24		1 on 9/14/2023	18 on 9/14/2023 5 on 9/15/2023	Twenty-four items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
9/15/2023		19					19		1 on 9/15/2023	16 on 9/15/2023 2 on 9/16/2023	Nineteen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/17/2023		3				1	2			3 on 9/17/2023	Three items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to wildlife traffic.

VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
9/5/2023		2					2		1 on 9/5/2023	1 on 9/6/2023	Two items were identified requiring Pollution Prevention measures installation and completed within the required timeframe.
9/11/2023	0.1"-1.3" - 6 Hours *Scattered storms occurred on 9/9/2023 and data provided on 9/10/2023	4					4		3 on 9/11/2023	1 on 9/11/2023	Four items were identified requiring ESC/Pollution Prevention measures repair/maintenance and completed within the required timeframe.
9/12/2023	0.0"-0.5" - 2 Hours *Isolated storms with areas of high intensity/short duration rainfall occurred on 9/11/2023	4					4		1 on 9/12/2023 1 on 9/13/2023	1 on 9/12/2023 1 on 9/13/2023	Four items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
9/13/2023	0.1"-1.25" - 2 Hours *A storm event with a brief interval of high intensity/short duration rainfall occurred on 9/12/2023	2					2		1 on 9/13/2023	1 on 9/13/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/14/2023		1					1		1 on 9/14/2023		One item was identified requiring ESC/Pollution Prevention 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			
9/6/2023	The Environmental Auditor conducted site evaluations at the following locations: Grassy Hill Road (GAS), MVP-FR-300 (CIS/GAS), MVP-FR-303.01 (GAS), Bonbrook Mill Road #2 (GAS), and State Highway 40 (GAS).							The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the onsite EIs, Spread I LEI, Assistant LEI, Chief EI, contractor Environmental foreman, contractor Environmental Coordinator, and MVP Environmental staff regarding observations and recommendations related to the following: ESC measures repair/maintenance, properly installing ESC measures, conducting vegetative maintenance for proper evaluation of ESC measures, installing additional ESC measures around a CWD temporary level spreader, installing soil stabilization blanket (SSB) with check dams within a CWD dike flow path, and installing SSB within a travel lane approach to an environmental resource crossing.			
9/10/2023	The Environmental Auditor conducted site evaluations at the following locations: US-220 (CIS), Ramsey Memorial Road (GAS), Bar Ridge Road (GAS), and State Highway 40 (GAS).							The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread I LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to the following: a daily MVP Punchlist item dated 9/6/2023 not completed in entirety related to installing soil stabilization blanket (SSB) and check dams within a CWD dike flow path, properly installing ESC measures, conducting vegetative maintenance for proper evaluation of ESC measures, and installing ESC measures within a travel lane approaches to environmental resource crossings.			
9/13/2023	The Environmental Auditor conducted site evaluations at the following locations: Angle Plantation Road (CIS), MVP-FR-309.05 (CIS/GAS), and Bonbrook Mill Road #2 (CIS).							<p>The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the onsite contractor Environmental foreman, onsite EI, Spread I LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to the following: ESC measures repair/maintenance, properly installing ESC measures, installing ESC measures across an open trench, pollution prevention measures maintenance, installing SSB where straw mulch was displaced due to runoff, and installing additional ESC measures in a travel lane approach on a slope above an environmental resource temporary crossing.</p> <p>The Environmental Auditor observed an upland off right of way sediment impact which traveled approximately 25 feet at Jones Mill Lane (GAS) and immediately communicated the observation with the Spread I onsite EI, LEI, Assistant LEI, Chief EI, and MVP Environmental staff. The Environmental Auditor observed erosion from an upslope area coupled with a waterbar exceeding 5 percent that contributed to the waterbar end sump becoming overwhelmed resulting in the off right of way impact. The Environmental Auditor recommended stabilizing the right of way with soil stabilization blanket (SSB) due to the topographic conditions and installing a slope drain per the ESC Plan requirements.</p> <p>The Environmental Auditor evaluated the location where three upland off right of way sediment impacts traveled approximately 150, 150, and 60 feet within the same vicinity east of Bonbrook Mill Road #2. The Environmental Auditor observed the contractor Environmental staff installing additional ESC measures and noted the off right of way sediment was removed. The Environmental Auditor communicated with the onsite contractor Environmental Straw, Spread I LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding recommendations to install SSB due to straw mulch washing out, installing a slope drain where waterbars exceed 5 percent, and conducting additional ESC measures repair/maintenance due to additional sediment build up.</p>			
9/4/2023 through 9/17/2023	<p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread I Project.</p> <p>The Environmental Auditor was contacted late evening on 9/12/2023 regarding an environmental resource impact at S-E28 that occurred during an active open cut crossing due to an unpredicted high intensity/short duration storm event. This late afternoon storm event produced approximately one inch of rainfall in .5 hours and caused water levels to rise resulting in the upstream diversion to become overwhelmed and flooding the adjacent workspace area. Additional pumps were deployed to control the water levels and the upstream and downstream diversions were maintained/enhanced. A Courtesy Notice of Force Majeure Declaration was submitted to the VADEQ on 9/15/2023 due to the magnitude of this event. The Environmental Auditor provided recommendations to all Spreads to closely monitor real time radar for sudden storm events.</p> <p>The Environmental Auditor reviewed SWPPP VSIRs and noted incomplete/inaccurate documentation related to rainfall gauge data and consistency concerns between the daily MVP Punchlists and SWPPP VSIRs. The Environmental Auditor communicated the observations to the Spread I Lead EI, Environmental Coordinator, Chief EI, and MVP Environmental staff.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 9/14/2023 regarding the Bi-Weekly reporting period ending on 9/17/2023 and the Q3 2023 reporting period ending on 9/30/2023. The Environmental Auditor referred to previous communications related to technical and documentation recommendations and emphasized communicating with the Environmental Auditor when issues arise.</p>							<p>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 I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.</p> <p>The Environmental Auditor communicated with the Spread I LEI, Environmental Coordinator, and Chief EI and continues to recommend conducting QA/QC on SWPPP VSIRs and daily MVP Punchlists.</p>			
REQUIRED FINDINGS AND CONCLUSIONS											
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).									
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	No	A daily MVP Punchlist item to install SSB and check dams within a CWD dike flow path was identified on 9/6/2023 and listed as completed on 9/7/2023. On 9/10/2023, the Environmental Auditor conducted a site evaluation and observed the punchlist item partially completed. The Environmental Auditor communicated with the Spread I LEI, Chief EI, and MVP Environmental staff and will be conducting a follow up evaluation the week of 9/17/2023 to verify the punchlist item has been fully completed.									
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes										
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes										



Report Period Ending: 9/30/2023  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 68 conducted from 9/18/2023 through 9/30/2023 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards)  
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 9/18/2023 through 9/30/2023 (includes Carry Over Items from 9/17/2023): 95  
 Total Number of ODCP Inspections at Laydown Yard 045/046: 6 (9/18/2023 through 9/23/2023 and 9/24/2023); 6 (9/25/2023 through 9/30/2023); A small spill near a fuel pump was observed by the ODCP inspector on 9/19/2023. The contractor was immediately notified, the spill cleaned up, and materials properly disposed. A photo was provided in the 9/20/2023 ODCP inspection report depicting the spill remediated. A generator was observed not placed in secondary containment during the 9/20/2023 ODCP inspection. A photo was provided in the 9/21/2023 ODCP inspection report depicting the generator placed within secondary containment. Small Holes were observed in secondary containment measures during ODCP inspections on 9/25/2023 and 9/29/2023. The holes were repaired and documentation was provided in the 9/26/2023 and 9/30/2023 ODCP inspection reports, respectively. A small oil spill near a secondary containment structure and fuel spill near a refueling station were observed during the ODCP inspection on 9/30/2023. Per communication with the Spread I Environmental Coordinator, the contractor was immediately notified, the spills cleaned up, and materials properly disposed the same day.  
 Total Number of VA DEQ Observations from 9/18/2023 through 9/30/2023: 12  
 Total Number of Landowner/Third Party Reported Complaints: 0  
 Total Number of Right of Way Impacts Caused by Third Parties: 2 (wildlife 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 9/18/2023 through 9/30/2023.

CARRY OVER ITEMS FROM 9/17/2023

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
---------------------	-----------------------------------	---------------------------	-------------------------------	-------------------------	-------------------------------------------------------	----------------------------------------------	---------------------	-----------------------------------	-------------------------	---------------------------	-------------------------

ENVIRONMENTAL INSPECTOR OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
9/18/2023	0.25"-0.5" - 6 Hours *Rainfall occurred on 9/17/2023	4				1	3			4 on 9/18/2023	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to wildlife traffic.
9/19/2023		3					3		1 on 9/20/2023	2 on 9/20/2023	Three items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
9/20/2023		7					7			7 on 9/20/2023	Seven items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
9/21/2023		1					1			1 on 9/21/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
9/22/2023		15					15		11 on 9/22/2023 1 on 9/23/2023	1 on 9/22/2023 1 on 9/23/2023 1 on 9/24/2023	Fifteen items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
9/23/2023	0.4"-0.8" - 6 Hours *Rainfall from Tropical Storm Ophelia occurred into 9/22/2023	7					7			4 on 9/23/2023 3 on 9/24/2023	Seven items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
9/24/2023	0.1-1.0" - 12 Hours *Rainfall from Tropical Storm Ophelia continued on 9/23/2023	4					4			2 on 9/24/2023 2 on 9/25/2023	Four items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
9/25/2023		10					10		2 on 9/25/2023 3 on 9/26/2023	3 on 9/25/2023 2 on 9/26/2023	Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/26/2023		20					20		2 on 9/27/2023	14 on 9/26/2023 4 on 9/27/2023	Twenty items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
9/27/2023		9					9		1 on 9/27/2023	6 on 9/27/2023 2 on 9/28/2023	Nine items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
9/28/2023		7				1	6		3 on 9/28/2023	3 on 9/28/2023 1 on 9/29/2023	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to wildlife traffic.
9/29/2023		8					8		1 on 9/29/2023	4 on 9/29/2023 3 on 9/30/2023	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.



VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
9/18/2023	0.25"-0.5" - 6 Hours *Rainfall occurred on 9/17/2023	2					2			2 on 9/18/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/20/2023		2					2			2 on 9/21/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/21/2023		1					1			1 on 9/21/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
9/22/2023		1					1		1 on 9/22/2023		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
9/27/2023		4					4			4 on 9/27/2023	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/29/2023		2					2			2 on 9/30/2023	Two items were identified requiring Pollution Prevention 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				
9/19/2023	The Environmental Auditor conducted site evaluations at the following locations: State Highway 40 (GAS), Chalk Level Road (GAS), Dual Track Road (GAS), Riddle Road (GAS), and Anderson Mill Road #3 (CIS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the onsite EI, Spread I LEI, Chief EI, onsite contractor foreman, and MVP Environmental staff regarding observations and recommendations related to the following: ESC measures repair/maintenance, conducting vegetative maintenance for proper evaluation of ESC measures, installing ESC measures within a travel lane approaches to environmental resource crossings, monitoring locations where past erosion/sediment issues occurred and installing additional/enhanced ESC measures as necessary, and conducting clean up where a minor spill was observed.				
9/21/2023	The Environmental Auditor conducted site evaluations at the following locations: Rock Creek Road (GAS), Ramsey Memorial Road (CIS/GAS), and Webster Road (GAS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the onsite EIs, Spread I LEI, Chief EI, onsite contractor foreman, and MVP Environmental staff regarding observations and recommendations related to the following: ESC measures repair/maintenance, conducting vegetative maintenance for proper evaluation of ESC measures, installing ESC measures within a travel lane approaches to environmental resource crossings, proper installation of dewatering facilities, and ensuring temporary stabilization occurs within the ESC Plan required timeframe.				
9/26/2023	The Environmental Auditor conducted site evaluations at the following locations: Bar Ridge Road (GAS), Rock Creek Road (GAS), Simmons Creek Road (CIS/GAS), and Bonbrook Mill Road #2 (GAS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the onsite EI, Spread I LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to the following: ESC measures repair/maintenance, conducting vegetative maintenance for proper evaluation of ESC measures, proper installation of ESC measures, and installing additional/enhanced ESC measures to minimize off right of way erosion.				
9/27/2023	The Environmental Auditor conducted site evaluations at the following locations: Cahas Mountain Road #1 (GAS), MVP-FR-293.02 (Access Road), House Rock Road (CIS/GAS), Grassy Hill Road (GAS), Green Level Road (CIS), and MVP-FR-300 (GAS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the onsite EI, onsite contractor Environmental foreman, Spread I LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to the following: installing ESC measures to minimize access road erosion, proper installation of ESC measures, and ESC measures repair/maintenance.  The Environmental Auditor evaluated S-E28 at Grassy Hill Road (GAS) and observed the open cut crossing completed and the ESC measures installed and functional at the time of the evaluation.				
9/18/2023 through 9/30/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread I Project.  The Environmental Auditor reviewed SWPPP VSIRs and noted incomplete/inaccurate documentation related to rainfall gauge data missing within a SWPPP VSIR. The Environmental Auditor communicated the observation to the Spread I Lead EI, Environmental Coordinator, Chief EI, and MVP Environmental staff.  The Environmental Auditor communicated with all Spread LEIs on 9/28/2023 regarding the Bi-Weekly reporting period and the Q3 2023 reporting period ending on 9/30/2023.						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 I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.  The Environmental Auditor communicated with the Spread I LEI, Environmental Coordinator, and Chief EI and continues to recommend conducting QA/QC on SWPPP VSIRs.				
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	On 9/17/2023, the Environmental Auditor conducted a site evaluation where a daily MVP punchlist item listed on 9/6/2023 was partially completed within the required timeframe and observed the ESC measures installed and functional. The Environmental Auditor communicated with the Spread I Environmental Coordinator to obtain photos depicting that actual date the punchlist item was completed and no photos were available. Refer to the previous Environmental Auditor Bi-Weekly Report dated 9/17/2023.									
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										