



**Mountain Valley Pipeline Project  
Environmental Auditor  
Quarterly Reports for Q1 2024  
April 15, 2024**

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 Q1 2024 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 Q1 2024 is due on or before April 15, 2024. 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' in a cursive script.

Joe Crea, CPESC, CPSWQ  
Tetra Tech



# Mountain Valley Pipeline Project – Spread G

## Environmental Auditor Quarterly Report for Q1 2024

### April 15, 2024

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#### Environmental Auditor Contact Information

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#### I. Introduction

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

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. This reporting period covers January 1, 2024 through March 31, 2024 (Q1 reporting period).

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

- Giles, Craig, and Montgomery Counties
  - 10377+20-10458+89 - Includes Jefferson National Forest
  - 10458+89-10479+81
  - 10479+81-10487+29 - Includes Jefferson National Forest
  - 10487+29-11524+16
  - 11524+16-11600+01 - Includes Sinking Creek Mountain (Jefferson National Forest)
  - 11600+01-11618+91
  - 11618+91-11669+87 - Brush Mountain (Jefferson National Forest)
  - 11669+87-12005+00
  - Laydown Yards: LY-026, LY-028, and LY-029

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:

- 10939+68 to 10961+76
- 11071+80 to 11145+50
- 11170+25 to 11222+25
- 11367+00 to 11443+50
- 11526+57 to 11548+00
- 11792+00 to 12002+00

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

The Environmental Auditor utilized the following provided resources/information to assist with evaluating project compliance throughout the Q1 reporting period:

- Daily MVP Punch Lists (includes VADEQ findings);
- Environmental Auditor Bi-Weekly Reports;
- Frequent Communication with the MVP Environmental staff, Spread G LEI, and Assistant 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 (PARs) and Noncompliance Reports (NCRs); and
- Landowner/Third party complaints received by the VADEQ on 1/9/2024, 1/18/2024, 1/31/2024 (2), 2/1/2024 (2), 2/2/2024, 2/4/2024 (3) and 2/9/2024 (2), and 3/7/2024 (Source: VADEQ website)

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 Q1 reporting period. **Please refer to the attached Environmental Auditor Bi-Weekly Reports for further detailed information.**

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

Per Table G-1A, the EIs observed a total of 1,140 daily MVP punchlist items requiring repair/maintenance throughout the Q1 reporting period. It should be noted that two additional items identified by the EIs on 1/18/2024 and 3/6/2024 were not included within the daily MVP Punchlists. The Environmental Auditor noted 14 items identified by the EIs as ESC measures damaged due to impacts caused by third party activities related to wildlife traffic, unauthorized 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 Q1 reporting period the Spread G Environmental inspection staff observed six off right of way impacts within upland locations and four environmental resource impacts at S-Z10 (Cascade Drive), Sinking Creek (State Route 42/MVP-GI-253.02), S-KL24 (MVP-AR-234/JNF), and W-KL14 (MVP-AR-234/JNF).

On 1/10/2024, the EI identified an off right of way sediment impact approximately 250 feet within an upland area. A prolonged rainfall event on 1/9/2024 with intervals of high intensity rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner permission granted, off right of way sediment removed, the area stabilized, and the ESC measures repaired/enhanced within the required timeframe. An Agency Compliance Form (PAR #796) was submitted by the EI on 1/10/2024. No environmental resources were impacted. **Refer to Section VI. for further discussion.**

On 1/18/2024, the Spread G LEI observed a sediment impact at S-Z10. Boring activities caused groundwater and sediment to surface into the streambed and surrounding upland areas. Boring was immediately halted until corrective actions were implemented. Based on communication with the MVP Environmental staff, agencies were notified and the VADEQ and FERC allowed boring activities to resume provided vacuum measures were implemented to contain sediment from further migration. **Refer to Section VI. for further discussion.**

On 1/26/2024, the EI observed two off right of way sediment impacts caused by the contractor approximately 275 feet and 115 feet, respectively, within upland areas located in the Jefferson National Forest (JNF). Construction traffic traveling through areas of saturated soils caused ESC measures that were not maintained to become overwhelmed. The USFS was immediately notified and the ESC measures were repaired/enhanced within the required timeframe. Landowner approval was eventually granted, off right of way sediment removed, and stabilization occurred on 2/6/2024 and 2/7/2024 via an extension request approved by the USFS on 1/27/2024. No environmental resources were impacted. Agency Compliance Forms (NCRs #832 and #834) were submitted by the EI on 1/26/2024. **Refer to Sections VI. and VII. for further discussion.**

On 3/6/2024, the Spread G LEI observed a clean water drainage feature not reinstalled by the contractor at the end of the work day and during an active rainfall event. On 3/7/2024, the Spread G LEI reinspected this location and observed multiple compliance issues that resulted an off right of way sediment impact within an upland area. An Agency Compliance Form (NCR #908) was submitted by the Spread G LEI on 3/7/2024. Based on the 3/6/2024 and 3/7/2024 MVP daily Punchlists, these issues were addressed within the required timeframes. Based on communication with the Spread G LEI on 3/26/2024, the USFS determined due to the trace amount of sediment, off right of way sediment retrieval was not necessary. **Refer to Section VII. for further discussion.**

On 3/9/2024, the EI observed soil removed by the contractor from vehicle/equipment tracking as part of the 3/8/2024 MVP daily Punchlist and shoveled onto the Sinking Creek streambank (State Route 42) resulting in an environmental resource impact. The VADEQ was immediately notified, soil removed, and the impacted area of the streambank stabilized. The Spread G Environmental inspection staff communicated with the contractor staff to not shovel/wash soil on roadways into drainage ditches or environmental resources. An Agency Compliance Form (NCR #909) was submitted by the EI on 3/9/2024. **Refer to Sections VI. and VII. for further discussion.**

On 3/10/2024, the EI accompanied by the USFS inspector observed multiple compliance issues which resulted in two off right of way sediment impacts within upland areas, and two environmental resource impacts. An Agency Compliance Form (Noncompliance Report #910) was submitted by the Spread G LEI on 3/12/2024. Based on the NCR, a heavy rainfall event coupled with the contractor traveling through saturated areas and lack of ESC measures maintenance caused sediment to overwhelm ESC measures resulting in an off right of way sediment impact approximately 25 feet and environmental resource impacts at S-KL24 and W-KL14. The other off right of way impact was caused by lack of contractor oversight at a dewatering facility resulting in sediment deposition approximately 150 feet off right of way. On 3/11/2024, sediment removal occurred within the off right of way upland areas and on 3/14/2024 sediment removal occurred at S-KL24. The environmental resource impact at W-KL14 was deemed minor by the USFS inspector; therefore, no sediment removal was required. It should be noted that the Environmental Auditor was informed of these issues on 3/27/2024 as they were not included in the 3/10/2024 daily MVP Punchlist. However, the Punchlist was updated on 3/27/2024 to reflect the date the issues were identified and resolved. **Refer to Section VII. for further discussion.**

The following are additional contractor-related noncompliance events observed by the Spread G Environmental inspection staff that did not result in upland off right of way or environmental resource sediment impacts:

On 1/24/2024, the EIs observed excessive amounts of mud tracked onto Mountain Lake Road and Craig Creek Road due to failure to maintain rock construction entrances (RCEs). Contractor vehicles and equipment tracked excessive mud onto the public roadways. Access points/roads at Mountain Lake Road and Craig Creek Road were shut down via MVP until the RCEs were maintained and sweeper trucks required to remain at these locations. It should be noted that VDOT was onsite to at Mountain Lake Road to discuss the issues due to the road conditions. The Spread G LEIs submitted Agency Compliance Forms (NCRs #827 and #828). Per the daily MVP Punchlist, these items were addressed within the required timeframe. **Refer to Sections VI. and VII. for further discussion.**

On 1/26/2024, the EI observed improperly installed waterbars installed at the end of the work day on 1/25/2024 on a slope with a permeable material used for padding the pipe when installed within the trench. On 1/27/2024, the waterbars were reconstructed, properly compacted, and the contractor was informed not to construct waterbars with the permeable material. The Spread G LEI submitted an Agency Compliance Form (Noncompliance Report #833). **Refer to Section VII. for further discussion.**

On 1/26/2024, the EI observed approximately 13,000 feet of right of way where waterbars were not constructed or maintained per the ESC Plan requirements. This condition occurred due to saturated conditions and lack of maintenance during active construction equipment travelling through saturated conditions. Per the daily MVP Punchlist, unusable materials were removed or remediated, regrading occurred on the right of way, and the waterbars were rebuilt per the ESC Plan requirements on 1/27/2024. The Spread G LEI submitted an Agency Compliance Form (NCR #835). **Refer to Section VII. for further discussion.**

On 2/25/2024, the EI observed waterbars either not installed or installed incorrectly at the end of the work day over approximately 5,900 feet of the right of way. The contractor was required to stand down by MVP and required to focus on environmental /maintenance activities. Based on the 2/26/2024 daily MVP Punchlist, all issues were addressed within the required 24 Hour timeframe. An Agency Compliance Form (NCR #896) was submitted by the EI on 2/25/2024. **Refer to Section VII. for further discussion.**

On 2/28/2024, the Spread G Environmental inspection staff observed locations within areas of active construction where ESC measures were not installed and functional prior to a rainfall event. Based on the 2/26/2024 daily MVP Punchlist, all issues were addressed within the required 24 Hour timeframe. An Agency Compliance Form (NCR #900) was submitted by the LEI on 2/28/2024. **Refer to Section VII. for further discussion.**

During the Q1 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 Q1 reporting period:

**Table G-1A**

Spread G Environmental Inspector Observations: January 1, 2024 - March 31, 2024					
Monthly Observation	Total Number Observations	Environmental Resource Impacts	Off Right of Way Impacts	Right of Way Impacts Caused by Third Parties	Weather Related Damage
January 2024	*548	1	3	1	0
February 2024	*354	0	0	3	0
March 2024	*238	3	3	10	0

\*Includes Carry Over Items

The EIs conducted a total of 364 SWPPP inspections and provided respective VSIRs throughout the Q1 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 Q1 reporting period. Thirty inspections were conducted in January, 29 inspections were conducted in February, and 29 inspections were conducted in March. Two non-reportable spills were observed during ODCP inspections throughout the Q1 reporting period. On 1/2/2024, the ODCP inspector observed a small fuel spill near the primary AST fuel intake valve area. Based on the 1/2/2024 and 1/3/2024 ODCP Inspection Reports, the spill was immediately communicated to the onsite yard personnel and noted as remediated on 1/3/2024. On 1/18/2024, the ODCP inspector observed a small spill adjacent to equipment. Personnel were immediately notified, the spill cleaned up, and materials properly disposed. Documentation of the remediated area was provided within the 1/19/2024 ODCP Inspection report.

An approximate total of 18 recordable precipitation events occurred during the Q1 reporting period. On 1/9/2024, a precipitation event with intervals of high intensity rainfall produced approximately 1.9 inches of rainfall in 12 hours. This event caused ESC measures to become overwhelmed resulting in an off right of way impact within an upland area. The off right of way impact was identified by the EI on 1/10/2024.

**Refer to discussion above, Table G-1B, and Section VI. for further discussion.**

Based on precipitation gauge data provided by the Spread G EIs, the following Table G-1B is a summary of monthly precipitation (rainfall/snowfall) dates, amounts based on lowest to highest rates, and estimated duration for each event throughout the Q1 reporting period:

**Table G-1B**

Spread G Precipitation and Duration Rates: January 1, 2024 - March 31, 2024					
January		February		March	
Date Recorded	Rainfall/Snowfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
1/7/2024	0.6"-1.05" - 8 Hours *Wintry mix/rainfall occurred on 1/6/2024	2/11/2024	0.5"-0.8" - 3 Hours Light rainfall occurred on 2/10/2024	3/2/2024	0.1"-0.3" - 4 Hours *Rainfall occurred on 3/1/2024
1/10/2024	1.6"-1.9" - 12 Hours *Rainfall occurred on 1/9/2024	2/12/2024	0.1"-0.2" - 2 Hours *Light showers occurred on 2/11/2024	3/7/2024	0.4"-1.0" - 12 Hours *Rainfall occurred on 3/6/2024
1/13/2024	0.2"-0.4" - 6 Hours *Rainfall occurred on 1/12/2024	2/24/2024	0.05"-0.4" - 4 Hours *Showers occurred on 2/23/2024	3/10/2024	0.6"-1.1" - 14 Hours *Rainfall occurred on 3/9/2024
1/16/2024	3.0"-3.0" - 6 Hours *Snowfall occurred on 1/15/2024	2/28/2024	0.01"-0.35" - 3 Hours *Rainfall occurred on 2/27/2024	3/16/2024	0.0"-0.1" - 1 Hour *Isolated light showers occurred on 3/15/2024
1/26/2024	0.0"-0.4" - 3 Hours *Precipitation occurred on 1/25/2024	2/29/2024	0.5"-1.0" - 2 Hours *Precipitation with an interval of high intensity/short duration rainfall occurred on 2/28/2024	3/23/2024	0.5"-1.0" - 10 Hours *Rainfall occurred late 3/22/2024 into early 3/23/2024
1/28/2024	0.7"-1.9" - 13 Hours *Precipitation with intervals of high intensity rainfall occurred on 1/27/2024 into early 1/28/2024			3/27/2024	0.1"-0.25" - 4 Hours *Scattered showers occurred on 3/26/2024
1/31/2024	0.05"-0.2" -3 Hours				

**IV. Quarterly Summary of VADEQ Observations**

Per Table G-1C, the VADEQ Inspectors observed a total of 2 items requiring ESC repair/maintenance throughout the Q1 reporting period. No items related to third party impacts were identified by the VADEQ throughout the Q1 reporting period. During the Q1 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 items identified by the VADEQ Inspectors throughout the Q1 reporting period:

**Table G-1C**

Spread G VADEQ Observations: January 1, 2024 - March 31, 2024					
Monthly Observation	Total Number Observations	Environmental Resource Impact	Off Right of Way Impact	Right of Way Impacts Caused by Third Parties	Weather Related Damage
January 2024	0	0	0	0	0
February 2024	2	0	0	0	0
March 2024	0	0	0	0	0

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

The Environmental Auditor noted 13 formal landowner/third party complaints submitted to the VADEQ for the Spread G Project during the Q1 reporting period.

- A third party complaint was filed with the VADEQ on 1/9/2024 (Pollution Investigation Report\_IR #312115). The complainant alleged there was "Sediment laden water leaving MVP worksite and entering into Craig Creek". Based on communication with the Spread G LEI and SWPPP VISRs, the EIs observed the ESC measures installed and functional and no project related impacts were observed at S-PP21, S-PP20, S-RR13, S-RR14, and S-HH18. 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. It should be noted that this area received approximately 1.9" of rainfall in 12 hours. Per the Closure section of the IR on 1/11/2024, the VADEQ concluded all erosion and sediment control measures were observed in place, properly functioning, no impacts to the stream, and no compliance issues were observed.

- A third party complaint was filed with the VADEQ on 1/18/2024 (Pollution Investigation Report\_IR #312323). The complainant alleged there was "turbid water being discharged into the creek from two of the four dewatering structures". Based on communication with the Spread G LEI and SWPPP VISR (1/17/2024) review, no turbidity was observed discharging from the dewatering facilities into S-NN17. On 1/19/2024, the Environmental Auditor conducted a site evaluation and observed the advanced treatment systems and dewatering facilities installed and functional and no impacts at S-NN17. Per the Closure section of the IR on 1/26/2024, the VADEQ concluded erosion and sediment control (including dewatering device and enhanced filtering tanks) measures were observed in place, properly functioning, and no compliance issues were observed.
- A third party complaint was observed on 1/28/2024 and received by the VADEQ on 1/31/2024 (Pollution Investigation Report\_IR #312506). The complainant alleged there was "extra sediment noted at two sites after heavy rain". "Water was muddy below the pipeline crossing, cloudy above crossing". Based on communication with the Spread G LEI and SWPPP VISR reviews, the ESC measures throughout the right of way within the Craig Creek watershed were installed and functional. It should be noted that a precipitation event with intervals of higher intensity rainfall occurred on 1/27/2024 and produced approximately 1.75 inches of rainfall in 13 hours. The Environmental Auditor conducted an evaluation of the right of way prior to the rainfall event on 1/26/2024 and observed the ESC measures installed/maintained and functional at the time of the evaluation. The VADEQ conducted an inspection and per the Closure section of the IR on 2/5/2024, determined the required erosion and sediment control measures were in place, properly functioning, and no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 1/31/2024 (Pollution Investigation Report\_IR #312517). The complainant alleged there was a "Major sedimentation event to Sinking Creek". On 2/2/2024, the Environmental Auditor conducted a site evaluation at the State Route 42 bore crossing through MVP-GI-251.01 and observed the bore pit dewatering with a low water level and minimal turbidity west of State Route 42 and all ESC measures including the dewatering facilities appeared to be installed and functional with no off right of way impacts at the time of the evaluation. The Environmental Auditor observed sediment laden surface water flowing from spring house approximately 0.34 miles north of the project crossing of State Route 42. On 2/9/2024, the Environmental Auditor conducted a follow up evaluation and observed ESC measures installed and functional, sediment removal underway via vacuum tank trucks. These efforts appeared to reduce turbidity within Greenbrier Branch and Sinking Creek. Per communication with the Spread G LEI and MVP Environmental staff, all overland dewatering activities related to the bore activities at State Route 42 have been suspended and pumped water was being hauled to advanced treatment facilities at another project location. On 2/14/2024, the Environmental Auditor conducted a follow up evaluation and observed little to no turbid water flowing from the spring, no turbidity within the Greenbrier Branch and Sinking Creek, and the remediation areas stabilized at that time. It should be noted that dewatering activities located between State Route 42 and Winding Way Drive remained clear throughout the duration of the dewatering activities. Per the Closure section of the VADEQ Pollution Investigation Report #312517 dated 2/16/2024, the VADEQ concluded that water flowing from the spring was clear, sediment trapping measures removed, the release of sediment to Sinking Creek has stopped, and inspectors will continue to observe the condition of the spring, Greenbrier Branch, and Sinking Creek. Based on VADEQ, this Closure also applies to the following subsequent IRs related to this complaint: #312522 (2/1/2024), #312549 (2/1/2024), #312568 (2/2/2024), #312573 (2/4/2024), #312574 (2/4/2024), #312575 (2/4/2024), and #312623 (2/9/2024). Based on



communication with the MVP Environmental staff it should be noted that testing completed by the DCR is still ongoing and the results between the bore crossing activities and the spring remain pending at this time.

- A third party complaint was observed on 2/5/2024 and received by the VADEQ on 2/9/2024 (Pollution Investigation Report\_IR #312626). The complainant alleged the "Sediment in spring-fed Drinking Water". Per the Closure section of the IR on 2/16/2024, the VADEQ concluded that clear water was flowing from the spring source, the drinking water supply to the residence is from a separate well, and no pollution was observed.
- A third party complaint was filed with the VADEQ on 3/7/2024 (IR #313052). The complainant alleged "Milky white sediment plume going into Sinking Creek (S-NN17) from dewatering pits". On 3/6/2024, the Environmental Auditor evaluated the dewatering facilities above S-NN17 and observed the water discharging from a dewatering facility to be slightly cloudy at the time of the evaluation. The stream flow within S-NN17 below the fourth and final dewatering facility and at the Mountain Lake Road bridge crossing appeared to be clear at the time of the evaluation. Per the Closure section of the IR on 3/12/2024, the VADEQ concluded that the dewatering filters were maintained and functioning properly and the released water from the dewatering facilities was being properly treated prior to discharge. No compliance issues were observed.

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

Per Table G-1D, the Environmental Auditor conducted 55 site evaluations during the Q1 reporting period and observed upland, open cut and bore activities at environmental resource locations where Pollution Prevention, ESC, and dewatering measures required repair/maintenance or additional (enhanced) measures to be installed.

During the reporting period, the Environmental Auditor evaluated the ESC (includes dewatering) 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 and SWPPP VSIRs. The Environmental Auditor communicated technical and administrative observations and recommendations to the Spread G LEI, Assistant LEIs, Chief EI, and MVP Environmental staff. Installation and repair/maintenance recommendations were forwarded to the contractor Environmental staff by the Spread G Environmental inspection staff and subsequently addressed.

During the Q1 reporting period, the Environmental Auditor continued to evaluate locations throughout the right of way for ESC (includes dewatering) measures proper installation and functionality during bore pit operations and tie-ins. Three main focus areas included the dewatering activities at Cascade Drive, MVP-GI-249.03 (Mountain Lake Road) and between Winding Way Drive and State Route 42. On 1/19/2024, the Environmental Auditor conducted an evaluation at Cascade Drive where bore activities caused groundwater and sediment to surface within stream S-Z10 streambed and surrounding area on 1/18/2024. At the time of the evaluation the Environmental Auditor observed contractor cleanup activities underway including vacuuming activities, no downstream migration of sediment occurring, and no nearby resources impacted at the time of the evaluation. It should be noted that no active ambient streamflow was observed at the time of the evaluation. Based on follow up communication with the Spread G LEI and MVP Environmental staff, a new boring method is being utilized and related dewatering from the bore activities will be hauled to an off right of way facility. The Environmental Auditor continued to evaluate this location throughout the Q1 reporting period and did not observe additional impacts to stream S-Z10 or nearby environmental resources. Refer to the Environmental Auditor Bi-Weekly Reports for further detailed information.

On 1/19/2024, the Environmental Auditor conducted an evaluation at MVP-GI-249.03/Mountain Lake Road and observed advanced pre-treatment and final dewatering facilities properly installed and functional and no impacts to S-NN17 (Sinking Creek) were observed at the time of the evaluation. The Environmental Auditor continued to monitor this location throughout the Q1 reporting period. On 3/6/2024, the Environmental Auditor observed slight turbidity near the edge of the S-NN17 below one of

the four dewatering facilities. As the Environmental Auditor progressed several feet downstream, no turbidity within S-NN17 was observed. The Environmental Auditor communicated with the Spread G Environmental inspection staff and recommended continued monitoring at and below the dewatering facilities. Per a site evaluation conducted on 3/20/2024, the Environmental Auditor observed the advanced treatment systems removed as dewatering activities at this location have ceased. Refer to the Environmental Auditor Bi-Weekly Reports for further detailed information.

Beginning on 2/2/2024, the Environmental Auditor conducted evaluations from the State Route 42 bore crossing to Clover Hollow Road (approximately 0.34 miles north of the pipeline crossing at State Route 42) in response to sediment flowing from a surface spring into the Greenbrier Branch and Sinking Creek. The Environmental Auditor evaluated the dewatering facilities related to the bore activities between Winding Way Drive and State Route 42 and observed clear water discharging from the facilities to a well vegetated field at the time of the observation. The Environmental Auditor then evaluated the bore pit and observed minimal water with low turbidity at the time of the evaluation. The Environmental Auditor continued to the landowner spring at the intersection of Clover Hollow Road and State Route 42 and observed heavy sediment laden water discharging from the surface spring and spring box subsequently flowing into the Greenbrier Branch and Sinking Creek. The Environmental Auditor reevaluated the project area and the landowner spring on 2/9/2024. The Environmental Auditor observed mitigation activities ongoing including sediment collection via tank trucks and BMP measures (cofferdams, filter logs, and turbidity curtains) properly installed to address the sediment laden water from the spring and spring box locations to the Greenbrier Branch and Sinking Creek. Minimal turbidity was observed near the confluence of the channel conveying runoff from the landowner spring into Sinking Creek at the time of the evaluation. On 2/14/2024, the Environmental Auditor conducted a follow up evaluation at the landowner spring, Greenbrier Branch, and Sinking Creek. It should be noted that dewatering activities from the project area into the open field between Winding Way Drive and State Route 42 ceased and the water hauled off-site. At the time of the evaluation, the Environmental Auditor observed minor flow and no turbidity from the spring/spring box to the Greenbrier Branch and Sinking Creek. Refer to the Environmental Auditor Bi-Weekly Reports for further detailed information.

On 1/21/2024, the Environmental Auditor conducted a site evaluation at MVP-GI-238.01 where an off right of way impact was observed by the EI on 1/10/2024. This off right of way impact was due to ESC measures overwhelmed during a heavy rain event on 1/9/2024. The Environmental Auditor observed the ESC measures installed, functional, and enhanced, the off right of way sediment removed, and the area stabilized.

On 1/26/2024, the Environmental Auditor conducted evaluations at Craig Creek Road and Mountain Lake Road and observed the ESC measures to be installed and functional and no tracking onto the public roadways was observed at the time of the evaluation.

On 2/29/2024, the Environmental Auditor accompanied by the Spread G EI evaluated the right of way locations within the JNF where two contractor-related off right of way impacts occurred on 1/26/2024. The Environmental Auditor observed the off right of way sediment removed and the area stabilized at the time of the evaluation. Most ESC measures throughout the right of way appeared to be installed and functional at the time of the evaluation. The Environmental Auditor and EI noted areas where ESC measures required proper installation and repair/maintenance. These items were included within the daily MVP Punchlist and addressed within the required timeframe.

On 3/13/2024, the Environmental Auditor evaluated the MVP-GI-253.02 access road intersection at State Route 42 where the EI observed a contractor related sediment impact to Sinking Creek and the streambank on 3/9/2024. The Environmental Auditor observed the access road stabilized, sediment removed, and the streambank stabilized at the time of the evaluation.

The Environmental Auditor provided the following detailed technical and administrative/documentation recommendations:

### **Technical Recommendations**

- Continue to monitor and evaluate pumped water filter bags and straw bale containment structures (dewatering facilities) to ensure they are constructed per the ESC Plan requirements for proper functionality. Utilize pumped water filter bags that are sized appropriately for proposed pumping rates.
- Coordinate with the contractor as necessary to reinstall any dewatering facility not meeting the ESC Plan requirements and consider implementing enhanced measures where turbid discharge becomes an issue.
- Evaluate waterbar end sumps for capacity per the ESC Plan requirements. Monitor potential ice forming on the top of accumulated water in the end sumps and maintain as needed. Conduct frequent soil build up/removal maintenance at temporary bridge crossings throughout each day as necessary.
- Repair rills/gullies prior to conducting stabilization activities. Install soil stabilization blanket (SSB) where straw/hydraulic mulch are not applicable to meet the AS&S requirements.
- Ensure secondary containment measures are properly installed on level grade and maintained following precipitation events and/or damaged during construction activities.
- Conduct repair/maintenance activities throughout the day as needed at temporary bridge/mat crossings.
- Monitor and replace compost filter sock where the height becomes compromised.
- Install SSB within waterbar flow paths where erosion is occurring and conduct end sump maintenance as needed.
- Conduct stabilization throughout the right of way based on the ESC Plan timeframe requirements.

### **Administrative/Documentation Recommendations**

- Conduct QA/QC to ensure consistency and thoroughness between the daily MVP Punchlists and SWPPP VSIRs.
- Include all items identified by the EIs within the daily MVP Punchlist.
- Communicate third party/landowner complaints, off right of way impacts, and environmental resource impacts to the Environmental Auditor.

The Spread G Environmental inspection 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, Assistant LEIs, Chief EI, onsite EIs (as requested), and MVP Environmental staff on a regular basis. Discussions entail project feedback, technical support, and recommendations/guidance to maintain compliance with the ESC plans, SWPPP VSIRs, 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 Q1 reporting period:

**Table G-1D**

<b>Environmental Auditor Field Observations: January 1, 2024 - March 30, 2024</b>	
<b>Month</b>	<b>Total Observations</b>
January 2024	11
February 2024	27
March 2024	17

## **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; however, the following issues occurred:
  - Rock Construction Entrances were not maintained resulting in excessive mud tracked onto public roadways on 1/24/2024;
  - Construction traffic traveling through areas of saturated soils caused ESC measures in need of maintenance to become overwhelmed resulting in two off right of way impacts in upland areas within the JNF on 1/26/2024;
  - Improper waterbar installation using permeable material used for padding occurred at the end of the work day on 1/25/2026 and observed by the EI on 1/26/2024;
  - Waterbars not properly reinstalled over approximately 13,000 feet of the right of way on 1/26/2024;
  - Waterbars not installed or improperly installed over approximately 5,900 feet of the right of way on 2/25/2024;
  - Erosion and sediment control measures not installed within active areas of construction prior to a rain event on 2/28/2024;
  - A portion of a clean water diversion natural drainage feature not reinstalled at the end of the work day and prior to a rainfall event resulting in an off right of way sediment impact within an upland area on 3/6/2024;
  - The contractor shoveled soil removed from equipment/vehicle tracking into a drainage ditch and onto the Sinking Creek streambank subsequently resulting in an environmental resource impact on 3/9/2024; and
  - Construction traffic travelled through muddy conditions where the contractor did not maintain ESC measures following a rainfall event resulting in two off right of way impacts in upland locations and two environmental resource impacts within the JNF on 3/10/2024; 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 Q1 reporting period. The Environmental Auditor recommends the following: continued monitoring and communication between the MVP Environmental inspection staff and the contractor Environmental staff to ensure all ESC (includes dewatering) and Pollution Prevention measures are properly installed/functional and enhanced where necessary to maintain compliance with the approved ESC Plans and Annual Standards and Specifications. The Environmental Auditor further recommends elevating communication to MVP staff as necessary and include all items identified by the EIs within the daily MVP Punchlist.

As the VADEQ is aware, there are several previous instances noted in the Q4 2019 through Q4 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
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
1/1/2024 through 1/7/2024	<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 observations related to SWPPP VSIR documentation.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 1/5/2024 regarding the Partial Bi-Weekly reporting period ending on 1/7/2024 and requested to be notified if any off right of way/environmental resource impacts and/or third party VADEQ complaints are observed.</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>	
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: 1/21/2024  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 53 conducted from 1/8/2024 through 1/21/2024 (includes LY-026)  
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 1/8/2024 through 1/21/2024 (Includes Carry Over Items from 1/7/2024): 221  
 Total Number of ODCP Inspections at Laydown Yard 026: 7 (1/8/2024 through 1/14/2024); 7 (1/15/2024 through 1/21/2024): A small spill adjacent to equipment was observed by the ODCP inspector on 1/18/2024. Personnel were immediately notified, the spill cleaned up, and materials properly disposed. Documentation of the remediated area was provided within the 1/19/2024 ODCP Inspection report.  
 Total Number of VA DEQ Observations from 1/8/2024 through 1/21/2024: 0  
 Total Number of Landowner/Third Party Complaints: 2 (1. A third party complaint was filed with the VADEQ on 1/9/2024 (Pollution Investigation Report\_IR #312115). The complainant alleged there was "Sediment laden water leaving MVP worksite and entering into Craig Creek". Based on communication with the Spread G LEI and SWPP VSIRs no off right of way and/or impacts to Craig Creek were observed at the time of the inspections. 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 1/11/2024, the VADEQ concluded no compliance issues were observed. 2. A third party complaint was filed with the VADEQ on 1/18/2024 (Pollution Investigation Report #312323). The complainant alleged "turbid water being discharged into the creek from two of the four dewatering structures". The complainant alleged there was "turbid water being discharged into the creek from two of the four dewatering structures". Based on communication with the Spread G LEI and SWPPP VISR (1/17/2024) review, no turbidity was observed discharging from the dewatering facilities into S-NN17. On 1/19/2024, the Environmental Auditor conducted a site evaluation and observed the advanced treatment systems and dewatering facilities installed and functional and no impacts at S-NN17. Per the VADEQ website, formal Closure remains pending). Refer to Landowner/Third Party Reported Complaints and Environmental Auditor Field Observations and Recommendations below for further discussion.  
 Per the Closure section of the VADEQ Pollution Investigation Report #312014 dated 1/8/2024 based on a third party complaint received by the VADEQ on 12/29/2023, the VADEQ concluded no compliance issues were observed.  
 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: 1 (An off right of way sediment impact in a upland area was observed by the EI on 1/10/2024. A precipitation event with intervals of high intensity rainfall occurred on 1/9/2024 and produced approximately 1.9 inches of rainfall in 12 hours causing ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner permission granted, off right of way sediment removed, the area stabilized, and the ESC measures repaired/enhanced within the required timeframe. No environmental resources were impacted). Refer to Environmental Inspector Observations below for further discussion.  
 Total Number of Environmental Resource Impacts: 1 (On 1/18/2024, the Spread G LEI observed a sediment impact from the boring activities at S-Z10. The LEI observed groundwater and sediment surfacing to the streambed and surrounding upland areas during the boring activity. Boring was immediately halted until corrective actions were implemented. Based on communication with the MVP Environmental staff, agencies were notified and the VADEQ and FERC allowed boring activities to resume provided vacuuming measures are implemented to contain sediment from further migration). Refer to the Environmental Auditor Field Observations and Recommendations for further discussion.  
 Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0  
 Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 1/8/2024 through 1/21/2024.

CARRY OVER ITEMS FROM 1/7/2024

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
11/12/2023		1		1				1 on 11/12/2023 Extended indefinitely until landowner permission has been granted			One item has been extended indefinitely via VADEQ approval until landowner permission is granted to retrieve off right of way sediment.
11/22/2023	0.9"-2.0" - 14 Hours *Rainfall occurred on 11/21/2023	2		2				2 on 11/22/2023 Extended indefinitely until landowner permission has been granted			Two items have been extended indefinitely via VADEQ approval until landowner permission is granted to retrieve off right of way sediment.
1/5/2024		1					1			1 on 1/8/2024	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
1/7/2024	0.6"-1.05" - 8 Hours *Wintry mix/rainfall occurred on 1/6/2024	60					60	3 on 1/8/2024 2 on 1/10/2024 to be completed on 1/13/2024 due to wet conditions	37 on 1/8/2024 4 on 1/10/2024 3 on 1/13/2024 (Ext. Requests)	14 on 1/8/2024 4 on 1/10/2024 2 on 1/13/2024 (Ext. Requests)	Sixty items were identified requiring ESC/Pollution Prevention 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
1/10/2024	1.6"-1.9" - 12 Hours *Rainfall occurred on 1/9/2024	108		1			108 (includes off right of way impact)		69 on 1/11/2024	34 on 1/11/2024 5 on 1/12/2024	One Hundred Eight items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.  One of the identified items was an off right of way sediment impact approximately 250 feet within an upland area. A prolonged rainfall event on 1/9/2024 with intervals of high intensity rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner permission granted, off right of way sediment removed, the area stabilized, and the ESC measures repaired/enhanced within the required timeframe. No environmental resources were impacted. An Agency Compliance Form (Problem Area Report #796) was submitted by the EI on 1/10/2024. The Environmental Auditor evaluated this location on 1/19/2024 and observed the majority of the right of way snow covered and waterbar maintenance occurring on the slope within the vicinity of the off right of way impact at the time of the evaluation.
1/11/2024		5					5		5 on 1/12/2024		Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/13/2024	0.2"-0.4" - 6 Hours *Rainfall occurred on 1/12/2024	16					16		14 on 1/14/2024	2 on 1/14/2024	Sixteen items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
1/14/2024		6					6		1 on 1/15/2024	2 on 1/15/2024 1 on 1/16/2024 2 on 1/17/2024	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/15/2024		2					2		1 on 1/16/2024	1 on 1/16/2024	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/16/2024	3.0"-3.0" - 6 Hours *Snowfall occurred on 1/15/2024	5					5		5 on 1/17/2024		Five items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
1/18/2024		13					13		9 on 1/19/2024	4 on 1/19/2024	Thirteen items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
1/19/2024		2					2		1 on 1/20/2024		Two items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe. One item has three days to be 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				
1/9/2024	Craig Creek Road						1	A third party complaint was filed with the VADEQ on 1/9/2024 (Pollution Investigation Report_IR #312115). The complainant alleged there was "Sediment laden water leaving MVP worksite and entering into Craig Creek". Based on communication with the Spread G LEI and SWPPP VISRs, the EIs observed the ESC measures installed and functional and no project related impacts were observed at S-PP21, S-PP20, S-RR13, S-RR14, and S-HH18. 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. It should be noted that this area received approximately 1.9" of rainfall in 12 hours. Per the Closure section of the IR on 1/11/2024, the VADEQ concluded all erosion and sediment control measures were observed in place, properly functioning, no impacts to the stream, and no compliance issues were observed.				
1/18/2024	Mountain Lake Road/Zells Mill Road						1	A third party complaint was filed with the VADEQ on 1/18/2024 (Pollution Investigation Report_IR #312323). The complainant alleged there was "turbid water being discharged into the creek from two of the four dewatering structures". Based on communication with the Spread G LEI and SWPPP VISR (1/17/2024) review, no turbidity was observed discharging from the dewatering facilities into S-NN17. On 1/19/2024, the Environmental Auditor conducted a site evaluation and observed the advanced treatment systems and dewatering facilities installed and functional and no impacts at S-NN17. Per the VADEQ website, formal Closure remains pending. Refer to Environmental Auditor Field Observations and Recommendations below for further discussion.				
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS												
DATE OF OBSERVATION	OBSERVATIONS						CONCLUSION AND RECOMMENDATIONS					
1/19/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-238.01 (GAS), Norcross Road (CIS), Cascade Drive (CIS), MVP-GI-241.02 (GAS), MVP-249.01 (CIS), and MVP-GI-249.						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 installing soil stabilization blanket (SSB) within a waterbar receiving concentrated flow from an upslope drain pipe and monitoring construction activity on the slope above MVP-GI-249/Mountain Lake Road (west) and enhancing ESC measures as necessary.  The Environmental Auditor evaluated the bore activity occurring at Cascade Drive and observed vacuum truck activities occurring within S-Z10 due to air pockets causing stream sediments to become disrupted and surfacing above the streambed substrate and adjacent upland areas. Based on a conversation with the MVP Environmental staff, the agencies (FERC/VADEQ) are aware of this situation. The Spread G LEI and EIs are closely monitoring the bore activities. Based on the evaluation, the Environmental Auditor observed vacuuming activities and no downstream migration of sediment occurring at the time of the evaluation. It should be noted that no active ambient streamflow was occurring at the time of the evaluation. No impacts to S-Z13 (Little Stony Creek) or W-Z3/S-Z11 were observed at the time of the evaluation.  The Environmental Auditor conducted an evaluation at Mountain Lake Road/MVP-GI-249.01 (CIS) and observed dewatering advanced treatment systems and dewatering facilities properly installed and functional and no impacts to S-NN17 at the time of the evaluation. The Environmental Auditor recommended closely monitoring flow from the dewatering facilities to minimize potential turbidity where the flow enters shallow sections of S-NN17 adjacent to the streambank. The Environmental Auditor also recommended monitoring the plastic sheeting and upgrading to a higher MIL plastic and consider installing a more rigid conveyance system as necessary.					
1/8/2024 through 1/21/2024	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 observations related to complete/thorough SWPPP VSIR documentation and updating the Precipitation Log to reflect the 1/15/2024 weather event.  On 1/18/2024, the Spread G LEI observed a sediment impact from the boring activities at S-Z10. The LEI observed groundwater and sediment surfacing to the streambed and surrounding upland areas during the boring activity. Boring was immediately halted until corrective actions were implemented. Based on communication with the MVP Environmental staff, agencies were notified and the VADEQ and FERC allowed boring activities to resume provided vacuuming measures are implemented to contain sediment from further migration. It should be noted that this item was not included within the daily MVP Punchlist.  The Environmental Auditor communicated with all Spread LEIs on 1/19/2024 regarding the Bi-Weekly reporting period ending on 1/21/2024. The Environmental Auditor recommended the following: repairing erosion (rills/gullies) prior to conducting restabilizing activities, installing soil stabilization blanket (SSB) at locations where straw/hydraulic mulch are not applicable due to flow conditions, monitor/maintain waterbar end sumps where ice forms on accumulated water potentially reducing capacity especially with upcoming forecasted rainfall events, and reviewing daily MVP Punchlists and SWPPP VSIRs to ensure documentation is thorough and consistent.						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: 2/4/2024  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: <b>62</b> conducted from 1/22/2024 through 2/4/2024 (includes LY-026)
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 1/22/2024 through 2/4/2024 (Includes Carry Over Items from 1/21/2024): <b>309</b>
Total Number of ODCP Inspections at Laydown Yard 026: <b>7</b> (1/22/2024 through 1/28/2024); <b>7</b> (1/29/2024 through 2/4/2024)
Total Number of VA DEQ Observations from 1/22/2024 through 2/4/2024: <b>0</b>
Total Number of Landowner/Third Party Complaints: <b>8</b> (1. A third party complaint was filed with the VADEQ on 1/28/2024 (Pollution Investigation Report_IR #312506). The complainant alleged there was "extra sediment noted at two sites after heavy rain". "Water was muddy below the pipeline crossing, cloudy above crossing". Based on communication with the Spread G LEI and SWPPP VISR reviews, the ESC measures throughout the right of way within the Craig Creek watershed were installed and functional. It should be noted that a precipitation event with intervals of higher intensity rainfall occurred on 1/28/2024 and produced approximately 1.75 inches of rainfall in 12 hours. The Environmental Auditor conducted an evaluation of the right of way prior to the rainfall event on 1/26/2024 and observed the ESC measures installed/maintained and functional 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 prolonged/high intensity rainfall events. Per the VADEQ website, formal Closure remains pending. <b>2.</b> A third party complaint was filed with the VADEQ on 1/31/2024 (Pollution Investigation Report_IR #312517). The complainant alleged there was a "Major sedimentation event to Sinking Creek". On 2/2/2024, the Environmental Auditor conducted a site evaluation at the State Route 42 bore sight through MVP-GI-251.01 and observed the following: bore pit dewatering with a low water level and minimal turbidity was occurring west of State Route 42, all ESC measures including the dewatering facilities appeared to be installed and functional, and no off right of way impacts observed at the time of the evaluation. The Environmental Auditor observed sediment laden surface water flowing from springs approximately 0.34 miles north of the project area. Per Communication with the MVP Environmental staff, further investigation is underway. Per the VADEQ website, formal Closure remains pending. <b>3-8.</b> Third party complaints similar to IR #312517 were filed with the VADEQ on 2/1/2024 (IRs #312522 and # 312549), 2/2/2024 (IR #312568), and 2/4/2024 (#312573, #312574, and #312575). Per the VADEQ website, the VADEQ is referring to IR #312517 for documentation of events and actions related to these complaints. On 2/1/2024, the Spread G LEI submitted an Agency Compliance Form (Problem Area Report #851) regarding efforts to investigate if project related activities are causing the sediment impact to the off right of way spring and discussing any remediation efforts (if necessary) with the landowner). <b>Refer to Landowner/Third Party Reported Complaints and Environmental Auditor Field Observations and Recommendations below for further discussion.</b>
<b>Per the Closure section of the VADEQ Pollution Investigation Report #312323 dated 1/26/2024 based on a third party complaint received by the VADEQ on 1/18/2024, the VADEQ concluded no compliance issues were observed.</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>2</b> (On 1/26/2024, the EI observed off right of way sediment impacts approximately 275 feet and 115 feet within upland areas located in the Jefferson National Forest (JNF). Construction traffic traveling through areas of saturated soils caused ESC measures that were not maintained to become overwhelmed. The United States Forest Service (USFS) was immediately notified and the ESC measures repaired/enhanced within the required timeframe(s). Off right of way sediment retrieval and stabilization will occur upon landowner permission. No environmental resources were impacted). <b>Refer to Environmental Inspector Observations and Required Findings and Conclusions for further discussion.</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 1/22/2024 through 2/4/2024.</b>

CARRY OVER ITEMS FROM 1/21/2024

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
11/12/2023		1		1				1 on 11/12/2023 Extended indefinitely until landowner permission has been granted			One item has been extended indefinitely via VADEQ approval until landowner permission is granted to retrieve off right of way sediment.
11/22/2023	0.9"-2.0" - 14 Hours *Rainfall occurred on 11/21/2023	2		2				2 on 11/22/2023 Extended indefinitely until landowner permission has been granted			Two items have been extended indefinitely via VADEQ approval until landowner permission is granted to retrieve off right of way sediment.
1/19/2024		1					1			1 on 1/22/2024	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
1/28/2024	Craig Creek Road	1	A third party complaint was observed on 1/28/2024 and received by the VADEQ on 1/31/2024 (Pollution Investigation Report_IR #312506). The complainant alleged there was "extra sediment noted at two sites after heavy rain". "Water was muddy below the pipeline crossing, cloudy above crossing". Based on communication with the Spread G LEI and SWPPP VISR reviews, the ESC measures throughout the right of way within the Craig Creek watershed were installed and functional. It should be noted that a precipitation event with intervals of higher intensity rainfall occurred on 1/27/2024 and produced approximately 1.75 inches of rainfall in 13 hours. The Environmental Auditor conducted an evaluation of the right of way prior to the rainfall event on 1/26/2024 and observed the ESC measures installed/maintained and functional at the time of the evaluation. Per the VADEQ website, formal Closure remains pending. Refer to Environmental Auditor Field Observations and Recommendations below for further discussion.
1/31/2024	State Route 42 and Clover Hollow Road (Rt. 601)	1	A third party complaint was filed with the VADEQ on 1/31/2024 (Pollution Investigation Report_IR #312517). The complainant alleged there was a "Major sedimentation event to Sinking Creek". On 2/2/2024, the Environmental Auditor conducted a site evaluation at the State Route 42 bore crossing through MVP-GI-251.01 and observed the bore pit dewatering with a low water level and minimal turbidity west of State Route 42 and all ESC measures including the dewatering facilities appeared to be installed and functional with no off right of way impacts observed at the time of the evaluation. The Environmental Auditor observed sediment laden surface water flowing from springs approximately 0.34 miles north of the project area. Per Communication with the MVP Environmental staff, further investigation is underway. Per the VADEQ website, formal Closure remains pending. Refer to Environmental Auditor Field Observations and Recommendations below for further discussion.
2/1/2024	State Route 42 and Clover Hollow Road (Rt. 601)	1	A third party complaint was filed with the VADEQ on 2/1/2024 (Pollution Investigation Report_IR #312522). The complainant alleged there was a "Possible breach of aquifer from Mountain Valley Pipeline construction at the crossing of State Route 42" and "heavy sediment has polluted the groundwater and is bubbling up adjacent to" and "flowing directly into Sinking Creek". On 2/2/2024, the Environmental Auditor conducted a site evaluation at the State Route 42 bore crossing through MVP-GI-251.01 and observed the bore pit dewatering with a low water level and minimal turbidity west of State Route 42 and all ESC measures including the dewatering facilities appeared to be installed and functional with no off right of way impacts observed at the time of the evaluation. The Environmental Auditor observed sediment laden surface water flowing from springs approximately 0.34 miles north of the project area. Per Communication with the MVP Environmental staff, further investigation is underway. Per the VADEQ website, formal Closure remains pending. Refer to Environmental Auditor Field Observations and Recommendations below for further discussion. Per the VADEQ website, this report was closed on 2/2/2024 as events and actions addressing this complaint are tracked under IR #312517. Refer to Environmental Auditor Field Observations and Recommendations below for further discussion.
2/1/2024	State Route 42 and Clover Hollow Road (Rt. 601) and Mountain Lake Road	1	A third party complaint was filed with the VADEQ on 2/1/2024 (Pollution Investigation Report_IR #312549). The complainant states that this IR is "a supplement to Prep reports" "filed earlier today". The complainant alleged this report "provides additional evidence of the extensive pollution of Sinking Creek by MVP". The complainant notes turbidity levels within Sinking Creek and mentions that the creek is running high due to heavy rains on 1/28/2024. The complainant further noted water from the dewatering facilities was stirring sediment in Sinking Creek (S-NN17) and conditions downstream near MVP-GI-249 improved. On 2/2/2024, the Environmental Auditor conducted a site evaluation at the State Route 42 bore crossing through MVP-GI-251.01 and observed the bore pit dewatering with a low water level and minimal turbidity west of State Route 42 and all ESC measures including the dewatering facilities appeared to be installed and functional with no off right of way impacts observed at the time of the evaluation. The Environmental Auditor observed sediment laden surface water flowing from springs approximately 0.34 miles north of the project area. Per Communication with the MVP Environmental staff, further investigation is underway. Per the VADEQ website, formal Closure remains pending. Refer to Environmental Auditor Field Observations and Recommendations below for further discussion. Per the VADEQ website, this report was closed on 2/2/2024 as events and actions addressing this complaint are tracked under IR #312517. Refer to Environmental Auditor Field Observations and Recommendations below for further discussion.
2/2/2024	State Route 42 and Clover Hollow Road (Rt. 601)	1	A third party complaint was filed with the VADEQ on 2/2/2024 (Pollution Investigation Report_IR #312568). The complainant alleged there was a "Increased flow of high concentration fine particulate sediment into Sinking Creek" and notes "conditions have not improved since report #312522". On 2/2/2024, the Environmental Auditor conducted a site evaluation at the State Route 42 bore crossing through MVP-GI-251.01 and observed the bore pit dewatering with a low water level and minimal turbidity west of State Route 42. The ESC measures including the dewatering facilities appeared to be installed and functional with no off right of way impacts observed at the time of the evaluation. The Environmental Auditor observed sediment laden surface water flowing from springs approximately 0.34 miles north of the project area. Per Communication with the MVP Environmental staff, further investigation is underway. Per the VADEQ website, formal Closure remains pending. Refer to Environmental Auditor Field Observations and Recommendations below for further discussion. Per the VADEQ website, this report was closed on 2/3/2024 as events and actions addressing this complaint are tracked under IR #312517. Refer to Environmental Auditor Field Observations and Recommendations below for further discussion.
2/4/2024	State Route 42 and Clover Hollow Road (Rt. 601)	1	A third party complaint was filed with the VADEQ on 2/4/2024 (Pollution Investigation Report_IR #312573). The complainant alleged there was a "Pollution continues at Sinking Creek". On 2/2/2024, the Environmental Auditor conducted a site evaluation at the State Route 42 bore crossing through MVP-GI-251.01 and observed the bore pit dewatering with a low water level and minimal turbidity west of State Route 42. The ESC measures including the dewatering facilities appeared to be installed and functional with no off right of way impacts observed at the time of the evaluation. The Environmental Auditor observed sediment laden surface water flowing from springs approximately 0.34 miles north of the project area. Per Communication with the MVP Environmental staff, further investigation is underway. Per the VADEQ website, formal Closure remains pending. Refer to Environmental Auditor Field Observations and Recommendations below for further discussion.
2/4/2024	State Route 42 and Clover Hollow Road (Rt. 601)	1	A third party complaint was filed with the VADEQ on 2/4/2024 (Pollution Investigation Report_IR #312574). The complainant alleged the "ongoing pollution event (Greenbrier Branch and Sinking Creek) worsening each day". On 2/2/2024, the Environmental Auditor conducted a site evaluation at the State Route 42 bore crossing through MVP-GI-251.01 and observed the bore pit dewatering with a low water level and minimal turbidity west of State Route 42. The ESC measures including the dewatering facilities appeared to be installed and functional with no off right of way impacts observed at the time of the evaluation. The Environmental Auditor observed sediment laden surface water flowing from springs approximately 0.34 miles north of the project area. Per Communication with the MVP Environmental staff, further investigation is underway. Per the VADEQ website, formal Closure remains pending and the VADEQ refers to IR #312517 for documentation of events and actions related to this complaint. Refer to Environmental Auditor Field Observations and Recommendations below for further discussion.
2/4/2024	State Route 42 and Clover Hollow Road (Rt. 601)	1	A third party complaint was filed with the VADEQ on 2/4/2024 (Pollution Investigation Report_IR #312575). The complainant alleged the "extreme sedimentation in Sinking Creek from State Route 42 to Apache Rd in Pembroke, VA". On 2/2/2024, the Environmental Auditor conducted a site evaluation at the State Route 42 bore crossing through MVP-GI-251.01 and observed the bore pit dewatering with a low water level and minimal turbidity west of State Route 42. The ESC measures including the dewatering facilities appeared to be installed and functional with no off right of way impacts observed at the time of the evaluation. The Environmental Auditor observed sediment laden surface water flowing from springs approximately 0.34 miles north of the project area. Per Communication with the MVP Environmental staff, further investigation is underway. Per the VADEQ website, formal Closure remains pending and the VADEQ refers to IR #312517 for documentation of events and actions related to this complaint. Refer to Environmental Auditor Field Observations and Recommendations below for further discussion.

ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS		
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS
1/26/2024	The Environmental Auditor conducted site evaluations at the following locations: Craig Creek Road (GAS), State Route 42 (CIS), MVP-GI-249.03 (CIS), Cascade Drive (CIS/GAS), and Big Branch Hollow 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 G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to conducting maintenance at a secondary containment unit.
2/2/2024	The Environmental Auditor conducted site evaluations at the following locations: Winding Way Drive/MVP-GI-251.01 (GAS), State Route 42 (CIS/GAS), MVP-GI-253.01, MVP-GI-249.03 (GAS), and MVP-GI-249 (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 LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to conducting repair/maintenance at a dewatering facility west of MVP-GI-249.  The Environmental Auditor conducted an evaluation on the right of way from MVP-GI-251.01 to the State Route 42 bore crossing and observed the ESC measures (including the dewatering facilities between Winding Way Drive and State Route 42) properly installed and functional. The Environmental Auditor observed clear water discharging from the dewatering facilities to a well vegetated field. Both entry and exit bore pits were holding minimal water and turbidity in the entry pit appeared slightly cloudy. The Environmental Auditor then proceeded to evaluate a spring approximately 0.34 miles northeast of the State Route 42 pipeline location. The Environmental Auditor observed heavy sediment laden water discharging from a surface spring which eventually flowed into Sinking Creek at the intersection of Clover Hollow Road and State Route 42. The Environmental Auditor also observed a higher than normal water volume within Sinking Creek at the time of the evaluation due to previous precipitation events. Following the site evaluation of the impacted area, the Environmental Auditor conducted visual observations of Sinking Creek further downstream at Mountain Lake Road and Maybrook Road/MVP-GI-245.02. Due to the higher flow rate from previous precipitation events, the streambed was not visual in areas of deeper pools and swift riffle areas and the turbidity appeared slightly cloudy at the time of the evaluations. Based on communications with the MVP Environmental staff, Karst geologists will be conducting an investigation related to the sediment laden water discharging from the spring.
1/22/2024 through 2/4/2024	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.  Please refer to Required Findings and Conclusions regarding 6 findings of contractor Noncompliance by the EIs.  The Environmental Auditor communicated with the Spread G LEI regarding observations related to SWPPP VSIR documentation.  The Environmental Auditor communicated with all Spread LEIs on 1/31/2024 regarding the Bi-Weekly reporting period ending on 2/4/2024 and requested all documentation be reviewed for consistency prior to submission.	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?	No	<p><b>1. and 2.</b> On 1/24/2024, the EIs observed excessive amounts of mud tracked onto Mountain Lake Road and Craig Creek Road due to failure to maintain rock construction entrances (RCEs). Contractor vehicles and equipment tracked excessive mud onto the public roadways. Access points/roads at Mountain Lake Road and Craig Creek Road were shut down via an internal order until the RCEs were maintained and sweeper trucks required to remain at these locations. It should be noted that VDOT was onsite to at Mountain Lake Road to discuss the issues due to the road conditions. The Spread G LEIs submitted Agency Compliance Forms (Noncompliance Reports #827 and #828). Per the daily MVP Punchlist, these items were addressed within the required timeframe.</p> <p><b>3. and 4.</b> On 1/26/2024, the EI observed two off right of way sediment impacts within upland areas at MVP-GI-234 due to construction traffic traveling through areas of saturated soils causing ESC measures that were not maintained to become overwhelmed. The Spread G LEI submitted Agency Compliance Forms (Noncompliance Reports #832 and #834).</p> <p><b>5.</b> On 1/26/2024, the EI observed improperly installed waterbars installed at the end of the work day on 1/25/2024 on a slope with a permeable material used for padding the pipe when installed within the trench. On 1/27/2024, the waterbars were reconstructed, properly compacted, and the contractor was informed not to construct waterbars with the permeable material. The Spread G LEI submitted an Agency Compliance Form (Noncompliance Report #833).</p> <p><b>6.</b> On 1/26/2024, the EI observed approximately 13,000 feet of right of way where waterbars were not properly constructed per the ESC Plan requirements. This condition occurred due to lack of right of way maintenance and continuous equipment travelling through saturated conditions. Per the daily MVP Punchlist, unusable materials were removed or remediated, regrading occurred on the right of way, and the waterbars were rebuilt per the ESC Plan requirements on 1/27/2024. The Spread G LEI submitted an Agency Compliance Form (Noncompliance Report #835).</p>
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes?	Yes	

Report Period Ending: 2/18/2024  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 54 conducted from 2/5/2024 through 2/18/2024 (includes LY-026)  
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 2/5/2024 through 2/18/2024 (Includes Carry Over Items from 2/4/2024): 118  
 Total Number of ODCP Inspections at Laydown Yard 026: 7 (2/5/2024 through 2/11/2024); 7 (2/12/2024 through 2/18/2024)  
 Total Number of VA DEQ Observations from 2/5/2024 through 2/18/2024: 0  
 Total Number of Landowner/Third Party Complaints: 2 (1. A third party complaint was observed on 2/5/2024 and received by the VADEQ on 2/9/2024 (Pollution Investigation Report\_IR #312626). The complainant alleged the "Sediment in spring-fed Drinking Water". Per the Closure section of the IR on 2/16/2024, the VADEQ concluded that clear water was flowing from the spring source, the drinking water supply to the residence is from a separate well, and no pollution was observed. 2. A third party complaint was filed with the VADEQ on 2/9/2024 (Pollution Investigation Report\_IR #312623). The complainant alleged "high concentration fine particulate sediment from contaminated spring continues to flow into Sinking Creek". Per the Closure section of the IR on 2/9/2024, the VADEQ defers this complaint to be covered under IR #312517). Refer to Landowner/Third Party Reported Complaints and Environmental Auditor Field Observations and Recommendations below for further discussion.  
 Per the Closure section of the VADEQ Pollution Investigation Report #312506 dated 2/5/2024 based on a third party complaint received by the VADEQ on 1/31/2024, the VADEQ concluded no compliance issues were observed. Per the Closure section of the VADEQ Pollution Investigation Report #312517 dated 2/16/2024 based on a third party complaint received by the VADEQ on 1/31/2024, the VADEQ concluded that the water flowing from the spring was clear, sediment trapping measures removed, the release of sediment to Sinking Creek has stopped, and inspectors will continue to observe the condition of the spring, Greenbrier Branch, and Sinking Creek. This Closure also applies to IRs #312522, 312549, 312568, 312573, 312574, 312575, and 312623. Based on communication with the MVP Environmental staff it should be noted that testing completed by the DCR is still ongoing and the results between the bore crossing activities and the spring remain pending at this time.  
 Total Number of Right of Way Impacts Caused by Third Parties: 1 (wildlife traffic)  
 Total Number of Right of Way Impacts Caused by Weather Related Damage (damage to ESC measures caused by fallen debris): 0  
 Total Number of Off Right of Way Impacts: 0  
 Total Number of Environmental Resource Impacts: 0  
 Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0  
 Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 2/5/2024 through 2/18/2024.

CARRY OVER ITEMS FROM 2/4/2024

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
11/12/2023		1		1			1	1 on 11/12/2023 Extended indefinitely until landowner permission has been granted			One item has been extended indefinitely via VADEQ approval until landowner permission is granted to retrieve off right of way sediment.
11/22/2023	0.9"-2.0" - 14 Hours *Rainfall occurred on 11/21/2023	2		2			2	2 on 11/22/2023 Extended indefinitely until landowner permission has been granted			Two items have been extended indefinitely via VADEQ approval until landowner permission is granted to retrieve off right of way sediment.
1/26/2024		3		2			3	2 on 1/27/2024 Extended indefinitely until landowner permission has been granted  1 on 1/29 and 1/31/2024 to be completed on 2/3/2024 due to saturated/unsafe conditions	1 on 2/5/2024  1 on 2/6/2024 (off right of way impact) 1 on 2/7/2024 (off right of way impact)		Three items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were off right of way impacts within upland areas. Landowner (USFS) approval was granted, sediment removed, and the areas stabilized within the required timeframe via extension request approvals.

ENVIRONMENTAL INSPECTOR OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
2/5/2024		29				1	28		29 on 2/6/2024		Twenty-nine 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.
2/6/2024		1					1			1 on 2/8/2024	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
2/7/2024		15					15		12 on 2/8/2024	2 on 2/8/2024 1 on 2/10/2024	Fifteen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/8/2024		8					8		8 on 2/9/2024		Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/9/2024		1					1		1 on 2/10/2024		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
2/11/2024	0.5"-0.8" - 3 Hours Light rainfall occurred on 2/10/2024	8					8		7 on 2/12/2024	1 on 2/12/2024	Eight items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
2/13/2024		12					12		9 on 2/14/2024	3 on 2/14/2024	Twelve items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
2/14/2024		31					31		28 on 2/15/2024	2 on 2/16/2024 1 on 2/17/2024	Thirty-one items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
2/15/2024		5					5		3 on 2/16/2024	2 on 2/16/2024	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/16/2024		1					1		1 on 2/17/2024		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
2/17/2024		1					1		1 on 2/18/2024		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					
2/5/2024	Zells Mill Road		1			A third party complaint was observed on 2/5/2024 and received by the VADEQ on 2/9/2024 (Pollution Investigation Report_IR #312626). The complainant alleged the "Sediment in spring-fed Drinking Water". Per the Closure section of the IR on 2/16/2024, the VADEQ concluded that clear water was flowing from the spring source, the drinking water supply to the residence is from a separate well, and no pollution was observed.					
2/9/2024	State Route 42 and Clover Hollow Road		1			A third party complaint was filed with the VADEQ on 2/9/2024 (Pollution Investigation Report_IR #312623). The complainant alleged "high concentration fine particulate sediment from contaminated spring continues to flow into Sinking Creek". On 2/2/2024, the Environmental Auditor conducted a site evaluation at the State Route 42 bore crossing through MVP-GI-251.01 and observed the bore pit dewatering with a low water level and minimal turbidity west of State Route 42. The ESC measures including the dewatering facilities appeared to be installed and functional with no off right of way impacts observed at the time of the evaluation. The Environmental Auditor observed sediment laden surface water flowing from springs approximately 0.34 miles north of the project area. On 2/9/2024, the Environmental Auditor conducted a follow up evaluation at this location and observed mitigation activities ongoing including sediment collection via tank trucks and BMP measures (cofferdams, filter logs, and turbidity curtains) properly installed to address the sediment laden water from the spring and spring box locations to the Greenbrier Branch and Sinking Creek. Minimal turbidity was observed near the confluence of the channel conveying runoff from the landowner spring into Sinking Creek at the time of the evaluation. On 2/14/2024, the Environmental Auditor conducted a follow up evaluation at the landowner spring, Greenbrier Branch, and Sinking Creek. It should be noted that dewatering activities from the project area into the open field between Winding Way Drive and State Route 42 ceased and the water hauled off-site. At the time of the evaluation, the Environmental Auditor observed minor flow and no turbidity from the spring/spring box to the Greenbrier Branch and Sinking Creek. Per the Closure section of the IR on 2/9/2024, the VADEQ refers to IR #312517. Refer to Environmental Auditor Field Observations and Recommendations below for further discussion.					
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS					CONCLUSION AND RECOMMENDATIONS					
2/9/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-253.01, State Route 42 (CIS), MVP-GI-253.02, MVP-GI-256.02 (CIS/GAS), and Stevers Gap Trail (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 conducted an evaluation on the right of way from MVP-GI-251.01/State Route 42 and observed the ESC measures properly installed and functional and no impacts to S-RR2 at the time of the evaluation. The Environmental Auditor conducted a follow up evaluation at the spring approximately 0.34 miles northeast of the State Route 42 pipeline location (Clover Hollow Road/State Route 42) where sediment laden water has been discharging since the previous evaluation on 2/2/2024. The Environmental Auditor observed BMP measures installed to address the sediment laden water discharging from the surface spring and at Sinking Creek near the intersection of Clover Hollow Road and State Route 42. During the evaluation, it appeared that the BMP measures (cofferdams, filter logs, and turbidity curtains) were properly installed and functional with minimal turbidity at the time of the evaluation. Active vacuuming via tank trucks was also observed to minimize the flow volume at the culvert inlet location adjacent to Clover Hollow Road.					
2/14/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-253.01, MVP-GI-241.01 (Access Road), Doe Creek Road (GAS), MVP-GI-249.03 (GAS), MVP-GI-241.02 (CIS/GAS), and Cascade Drive (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 LEI, Chief EI, and MVP Environmental staff regarding observations related to ESC measures repair/maintenance and proper installation. The Environmental Auditor conducted a follow up evaluation at the spring location (Clover Hollow Road/State Route 42) where previous sediment laden water was observed discharging from the spring. The Environmental Auditor observed the water to be clear from the surface spring, spring box discharge pipes at Greenbrier Branch and Sinking Creek. The ESC measures at the Clover Hollow Road cross culvert inlet and outlet locations have been removed and the areas stabilized.					
2/5/2024 through 2/18/2024	The Environmental Auditor reviewed and noted the daily MVP Punchlists 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 observations related to SWPPP VSIR documentation.  The Environmental Auditor communicated with all Spread LEIs on 2/15/2024 regarding the Bi-Weekly reporting period ending on 2/18/2024. The Environmental Auditor provided the following technical and administrative recommendations: Monitor compost filter sock and replace where the height becomes compromised when flattened, install soil stabilization blanket (SSB) within waterbar flow paths where erosion is occurring and stabilize areas with an effective BMP measure per the Annual Standards and Specifications where continued erosion is occurring, conduct stabilization throughout the right of way based on the required ESC Plan stabilization timeframes, and review SWPPP VISRs to ensure all information is complete and consistent with the daily MVP Punchlists.					The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.					
REQUIRED FINDINGS AND CONCLUSIONS											
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).									
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes										
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes										
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes?	Yes										

Report Period Ending: 3/3/2024  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 60 conducted from 2/19/2024 through 3/3/2024 (includes LY-026)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 2/19/2024 through 3/3/2024 (Includes Carry Over Items from 2/18/2024): 162											
Total Number of ODCP Inspections at Laydown Yard 026: 7 (2/19/2024 through 2/25/2024); 6 (2/26/2024 through 3/2/2024)											
Total Number of VA DEQ Observations from 2/19/2024 through 3/3/2024: 2											
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 2/19/2024 through 3/3/2024.											
CARRY OVER ITEMS FROM 2/18/2024											
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
11/12/2023		1		1			1	1 on 11/12/2023 Extended indefinitely until landowner permission has been granted			One item has been extended indefinitely via VADEQ approval until landowner permission is granted to retrieve off right of way sediment.
11/22/2023	0.9"-2.0" - 14 Hours *Rainfall occurred on 11/21/2023	2		2			2	2 on 11/22/2023 Extended indefinitely until landowner permission has been granted			Two items have been extended indefinitely via VADEQ approval until landowner permission is granted to retrieve off right of way sediment.
ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
2/19/2024		9					9		5 on 2/20/2024	3 on 2/20/2024 1 on 2/21/2024	Nine items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
2/20/2024		10					10		10 on 2/21/2024		Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/21/2024		5					5		2 on 2/22/2024	3 on 2/22/2024	Five items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
2/22/2024		1					1		1 on 2/23/2024		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
2/23/2024		50					50		47 on 2/24/2024	2 on 2/24/2024 1 on 2/26/2024	Fifty items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
2/24/2024	0.05"-0.4" - 4 Hours *Showers occurred on 2/23/2024	2					2			2 on 2/26/2024	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/25/2024		7					7		7 on 2/26/2024		Seven items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
2/26/2024		7					7		5 on 2/26/2024 1 on 2/27/2024	1 on 2/26/2024	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/28/2024	0.01"-0.35" - 3 Hours *Rainfall occurred on 2/27/2024	23					23		23 on 2/29/2024		Twenty-three items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
2/29/2024	0.5"-1.0" - 2 Hours *Precipitation with an interval of high intensity/short duration rainfall occurred on 2/28/2024	38					38		32 on 3/1/2024	5 on 3/1/2024 1 on 3/2/2024	Thirty-eight items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
3/1/2024		7					7		7 on 3/2/2024		Seven 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
2/20/2024		2					2		1 on 2/21/2024	1 on 2/21/2024	Two items were 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	
2/22/2024	The Environmental Auditor conducted site evaluations at the following locations: Norcross Road (CIS), MVP-GI-238.01 (GAS), Hendrickson Road (CIS/GAS), MVP-GI-241.02 (CIS/GAS), Cascade Drive (CIS/GAS), Mountain Lake Road/MVP-GI-249.03 (GAS), and State Route 42 (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 related to ESC measures repair/maintenance. The Environmental Auditor observed Geotech evaluations occurring on the slope above (west) Mountain Lake Road due to slope issues encountered during open trench construction activities.	
2/29/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-241.02 (CIS/GAS), MVP-GI-234 (CIS/GAS), MVP-LY-29, and MVP-LY-26.	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, Environmental Coordinator, Chief EI, and MVP Environmental staff regarding observations related to ESC/Pollution Prevention measures repair/maintenance. The Environmental Auditor observed two locations within the Jefferson National Forest where off right of way impacts occurred on 1/26/2024. Based on the evaluation, it appeared that the off right of way sediment was removed and the areas stabilized.	
2/19/2024 through 3/3/2024	<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>On 2/25/2024, the EI observed waterbars either not installed or installed incorrectly throughout approximately 5,900 feet of the right of way at the end of the work day. The crews were requested to stand down via an internal request and focus on environmental repair/maintenance. Based on the 2/26/2024 daily MVP Punchlist, all issues were addressed within the required 24 Hour timeframe. An Agency Compliance Form (Noncompliance Report #896) was submitted by the EI on 2/25/2024. No off right of way or environmental resource impacts occurred.</p> <p>On 2/28/2024, the Spread G Environmental inspection staff observed locations within areas of active construction where ESC measures were not installed and functional prior to a rainfall event. Based on the 2/26/2024 daily MVP Punchlist, all issues were addressed within the required 24 Hour timeframe. An Agency Compliance Form (Noncompliance Report #900) was submitted by the LEI on 2/28/2024. No off right of way or environmental resource impacts occurred.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 2/29/2024 regarding the Bi-Weekly reporting period ending on 3/3/2024. The Environmental Auditor provided a reminder to ensure stabilization activities are implemented within the ESC Plan required timeframe.</p>	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings, and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	No	<p>1. On 2/25/2024, the EI observed waterbars either not installed or installed incorrectly at the end of the work day throughout approximately 5,900 feet of the right of way. The crews were requested to stand down and focus on environmental repair/maintenance. Based on the 2/26/2024 daily MVP Punchlist, all issues were addressed within the required 24 Hour timeframe. An Agency Compliance Form (Noncompliance Report #896) was submitted by the EI on 2/25/2024. No off right of way or environmental resource impacts occurred.</p> <p>2. On 2/28/2024, the Spread G Environmental inspection staff observed locations within areas of active construction where ESC measures were not installed and functional prior to a rainfall event. Based on the 2/26/2024 daily MVP Punchlist, all issues were addressed within the required 24 Hour timeframe. An Agency Compliance Form (Noncompliance Report #900) was submitted by the LEI on 2/28/2024. No off right of way or environmental resource impacts occurred.</p>	
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes?	Yes		



LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
3/7/2024	Mountain Lake Road/Zells Mill Road	1	A third party complaint was filed with the VADEQ on 3/7/2024 (IR #313052). The complainant alleged "Milky white sediment plume going into Sinking Creek (S-NN17) from dewatering pits". On 3/6/2024, the Environmental Auditor evaluated the dewatering facilities above S-NN17 and observed the water discharging from a dewatering facility to be slightly cloudy at the time of the evaluation. The stream flow within S-NN17 below the fourth and final dewatering facility and at the Mountain Lake Road bridge crossing appeared to be clear at the time of the evaluation. Per the Closure section of the IR on 3/12/2024, the VADEQ concluded that the dewatering filters were maintained and functioning properly and the released water from the dewatering facilities were being properly treated prior to discharge. No compliance issues were observed.
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
3/6/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-241.02 (CIS/GAS), Cascade Drive (CIS/GAS), Big Branch Hollow Road (CIS/GAS), MVP-GI-241.03 (CIS), and MVP-GI-249.03 (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 LEI, Chief EI, and MVP Environmental staff regarding observations related to ESC/Pollution Prevention measures repair/maintenance. The Environmental Auditor observed geotechnical repairs occurring on the slope above (west) Mountain Lake Road due to slope issues encountered during open trench construction activities. The water discharging from a dewatering facility at MVP-GI-249.03 appeared to be slightly cloudy at the time of the evaluation. The stream flow within S-NN17 at Mountain Lake Road appeared to be clear at the time of the evaluation.	
3/13/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-249 (CIS/GAS), MVP-GI-249.03 (GAS), MVP-GI-253.02, MVP-GI-253.01 (CIS/GAS), and State Route 42 (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 LEI, Chief EI, and MVP Environmental staff regarding observations related to ESC/Pollution Prevention measures repair/maintenance. The Environmental Auditor evaluated the Sinking Creek streambank at the intersection of MVP-GI-253.02/State Route 42 where the EI observed soil shoveled onto the streambank by the contractor on 3/9/2024. The Environmental Auditor observed the soil removed and the impacted area stabilized at the time of the evaluation.	
3/4/2024 through 3/17/2024	<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>On 3/6/2024, the Spread G LEI observed a drainage feature not reconstructed at the end of the work day and during a rainfall event. This noncompliance observation resulted in an off right of way impact within an upland area within the JNF. Refer to Required Findings and Conclusions for further discussion.</p> <p>On 3/29/2024, the EI observed material cleaned up from vehicle/equipment traffic on 3/8/2024 shoveled into a roadside drainage ditch and onto the Sinking Creek streambank which resulted in an environmental resource impact. Refer to Required Findings and Conclusions for further discussion.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 3/13/2024 regarding the Bi-Weekly reporting period ending on 3/17/2024 and Q1 2024 reporting period ending on 3/31/2024. The Environmental Auditor provided a recommendation to ensure all Pollution Prevention secondary containment measures are installed on level grade and immediately repaired/maintained following rainfall events and when damaged during construction.</p>	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings, and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	No	<p>1. On 3/6/2024, the Spread G LEI observed a clean water drainage feature not reinstalled at the end of the work day and during an active rainfall event. On 3/7/2024, the LEI reinspected this location and observed multiple compliance issues and an off right of way sediment impact within an upland area. An Agency Compliance Form (Noncompliance Report #908) was submitted by the Spread G LEI on 3/7/2024. Based on the 3/6/2024 and 3/7/2024 MVP daily Punchlists, these issues were addressed; however, off right of way sediment removal is pending approval from the USFS. It should be noted that the off right of way sediment impact was not included in the daily MVP Punchlist.</p> <p>2. On 3/9/2024, the EI observed soil removed from vehicle/equipment tracking as part of the 3/8/2024 MVP daily Punchlist shoveled onto the Sinking Creek streambank (State Route 42) resulting in an environmental resource impact. The VADEQ was immediately notified, soil removed, and the impacted area of the streambank stabilized. The Spread G Environmental inspection staff instructed the contractor to recover the soil from the streambank and communicated with the contractor staff to not shovel/wash soil on roadways into drainage ditches or environmental resources. The EI submitted an Agency Compliance Form (Noncompliance Report #909) on 3/9/2024. It should be noted that no MVP daily Punchlist items were submitted for this impact. Based on an evaluation conducted by the Environmental Auditor on 3/13/2024, the soil was removed and the impacted area stabilized.</p>	
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: 3/31/2024  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 58 conducted from 3/18/2024 through 3/31/2024 (includes LY-026)  
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 3/18/2024 through 3/31/2024 (Includes Carry Over Items from 3/17/2024): 85  
 Total Number of ODCP Inspections at Laydown Yard 026: 7 (3/18/2024 through 3/24/2024); 7 (3/25/2024 through 3/31/2024)  
 Total Number of VA DEQ Observations from 3/18/2024 through 3/31/2024: 0  
 Total Number of Landowner/Third Party Reported Complaints: 0  
 Total Number of Right of Way Impacts Caused by Third Parties: 9 (wildlife traffic and landowner traffic)  
 Total Number of Right of Way Impacts Caused by Weather Related Damage (damage to ESC measures caused by fallen debris): 0  
 Total Number of Off Right of Way Impacts: \*2 (On 3/10/2024, the EI accompanied by the USFS inspector observed multiple compliance issues resulting in two off right of way sediment impacts approximately 25 feet and 150 feet within upland areas. An Agency Compliance Form (Noncompliance Report #910) was submitted by the Spread G LEI on 3/12/2024. Based on the NCR, a precipitation event on 3/9/2024 produced approximately one-inch of rainfall in approximately 14 hours. This event coupled with the contractor traveling through saturated areas and lack of ESC measures maintenance caused sediment to overwhelm ESC measures at one location resulting in an off right of way sediment impact. The other the off right of way impact was caused by lack of contractor oversight at a dewatering facility. On 3/11/2024, the off right of way sediment was removed and the areas stabilized. \*It should be noted that the Environmental Auditor was informed about these issues on 3/27/2024 as they were not included in the 3/10/2024 daily MVP Punchlist. However the Punchlist was updated on 3/27/2024 to reflect the date the issues were identified and resolved. Based on communication with the MVP Environmental staff on 3/27/2024, the Environmental Auditor was informed that the USFS (deferred to as the Lead Agency within the JNF project locations) was notified immediately upon discovery of the observations and the VADEQ was notified on 3/27/2024). Refer to Carry Over items, Environmental Auditor Field Observations and Recommendations, and Required Findings and Conclusions for further discussion.  
 Total Number of Environmental Resource Impacts: \*2 (On 3/10/2024, the EI accompanied by the USFS inspector observed multiple compliance issues resulting in two environmental resource impacts at S-KL24 and W-KL14 (JNF). An Agency Compliance Form (Noncompliance Report #910) was submitted by the Spread G LEI on 3/12/2024. Based on the NCR, a rainfall event on 3/9/2024 produced approximately one-inch of rainfall in approximately 14 hours. This event coupled with the contractor traveling through saturated areas and lack of ESC measures maintenance caused sediment to overwhelm ESC measures resulting in environmental resource impacts at S-KL24 and W-KL14. On 3/14/2024, sediment was removed from S-KL24. The off right of way sediment impact at W-KL14 was deemed minor by the USFS inspector; therefore, no sediment removal was required. \*It should be noted that the Environmental Auditor was informed about these issues on 3/27/2024 as they were not included in the 3/10/2024 daily MVP Punchlist. However the Punchlist was updated on 3/27/2024 to reflect the date the issues were identified and resolved. Based on communication with the MVP Environmental staff on 3/27/2024, the Environmental Auditor was informed that the USFS (deferred to as the Lead Agency within the JNF project locations) was notified immediately upon discovery of the observations and the VADEQ was notified on 3/27/2024). Refer to Carry Over items, Environmental Auditor Field Observations and Recommendations, and Required Findings and Conclusions 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 3/18/2024 through 3/31/2024.

CARRY OVER ITEMS FROM 3/17/2024

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
11/12/2023		1		1			1	1 on 11/12/2023 Extended indefinitely until landowner permission has been granted			One item has been extended indefinitely via VADEQ approval until landowner permission is granted to retrieve off right of way sediment.
11/22/2023	0.9"-2.0" - 14 Hours *Rainfall occurred on 11/21/2023	2		2			2	2 on 11/22/2023 Extended indefinitely until landowner permission has been granted			Two items have been extended indefinitely via VADEQ approval until landowner permission is granted to retrieve off right of way sediment.
3/16/2024	0.0"-0.1" - 1 Hour *Isolated light showers occurred on 3/15/2024	2					2			2 on 3/18/2024	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
*3/10/2024 (updated on 3/27/2024)	0.6"-1.1" - 14 Hours *Rainfall occurred on 3/9/2024	5	2	2			5 (includes off right of way and environmental resource impacts)			4 on 3/11/2024 (no sediment removal necessary at W-KL14 per USFS) 1 on 3/14/2024 (S-KL24)	*Five items not provided on the 3/10/2024 daily MVP Punchlist were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were off right of way sediment impacts within upland areas (JNF) and two items were identified as environmental resource impacts at S-KL24 and W-KL14 (JNF). The sediment impact at S-KL24 received an extension via the USFS and the ESC measures were repaired immediately. Due to the minor sediment impact at W-KL14, no removal was necessary per communication from the USFS.

ENVIRONMENTAL INSPECTOR OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
3/18/2024		12					12		9 on 3/19/2024	3 on 3/19/2024	Twelve items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
3/20/2024		21					21		20 on 3/21/2024	1 on 3/21/2024	Twenty-one items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
3/21/2024		26				9	17		13 on 3/22/2024	13 on 3/22/2024	Twenty-six items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe. Nine of the identified items were caused by third party impacts related to wildlife traffic and landowner traffic.
3/22/2024		2					2		2 on 3/22/2024		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/23/2024	0.5"-1.0" - 10 Hours *Rainfall occurred late 3/22/2024 into early 3/23/2024	2					2			2 on 3/25/2024	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/25/2024		1					1		1 on 3/26/2024		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
3/27/2024	0.1"-0.25" - 4 Hours *Scattered showers occurred on 3/26/2024	1					1		1 on 3/28/2024		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
3/28/2024		8					8		7 on 3/29/2024	1 on 3/29/2024	Eight items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
3/29/2024		2					2		2 on 3/30/2024		Two 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
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			
3/20/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-241.02 (CIS/GAS), Cascade Drive (CIS/GAS), Kow Camp Road #2 (CIS), Craig Creek Road (CIS), MVP-MN-258.03 (CIS/GAS), and MVP-MN-258.04 (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 with the Spread G LEI, Chief EI, and MVP Environmental staff regarding observations related to ESC measures repair/maintenance and properly installing slope drain pipes.			
3/18/2024 through 3/31/2024	<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>On 3/27/2024 the Environmental Auditor was contacted by the MVP Environmental staff and informed that a Noncompliance Report was submitted for contractor related off right of way and environmental resource impacts that occurred late 3/10/2024. These impacts caused via contractor travel and lack of right of way/ESC measures maintenance occurred within the JNF portion of the right of way following a rainfall event that produced approximately one inch of rainfall over a 14 hour duration. Based on a review of the Agency Compliance Form (Noncompliance Report #910), the off right of way sediment impacts were addressed on 3/11/2024 and the environmental resource impact at S-KL24 was addressed on 3/14/2024. The sediment impact at W-KL14 was deemed minor by the USFS inspector; therefore, no sediment removal was necessary. Per communication with the MVP Environmental staff on 3/27/2024, the USFS was notified immediately and the VADEQ was notified on 3/27/2024. It should be noted that a USFS inspector was present with the EI upon discovery of the issues. These items were not provided in the 3/10/2024 daily MVP Punchlist; however the Punchlist was updated on 3/27/2024 to reflect the date the issues were identified and resolved.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 3/27/2024 regarding the Bi-Weekly reporting period and the Q1 2024 reporting period ending on 3/31/2024. The Environmental Auditor provided technical recommendations to monitor and conduct frequent temporary bridge/mat maintenance within active areas of construction and to monitor Pollution Prevention secondary containment measures (including solids) and conduct maintenance throughout the work day and prior to and after rainfall events.</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 communicated with the MVP Environmental staff to be notified immediately upon an issues of noncompliance and off right of way or environmental resource impacts.</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?	No	On 3/10/2024, the EI accompanied by the USFS inspector observed multiple compliance issues resulting in two off right of way sediment impacts within upland areas and two environmental resource impacts. An Agency Compliance Form (Noncompliance Report #910) was submitted by the Spread G LEI on 3/12/2024. Based on the NCR, a rainfall event coupled with the contractor traveling through saturated areas and lack of ESC measures maintenance caused sediment to overwhelm ESC measures resulting in an off right of way sediment impact approximately 25 feet and environmental resource impacts at S-KL24 and W-KL14. The other off right of way impact was caused by lack of contractor oversight at a dewatering facility resulting in sediment deposition approximately 150 feet off right of way. On 3/11/2024, sediment was removal occurred within the off right of way upland areas and on 3/14/2024 sediment removal occurred at S-KL24. The environmental resource impact at W-KL14 was deemed minor by the USFS inspector; therefore, no sediment removal was required. It should be noted that the Environmental Auditor was informed about these issues on 3/27/2024 as they were not included in the 3/10/2024 daily MVP Punchlist. However the Punchlist was updated on 3/27/2024 to reflect the date the issues were identified and resolved.									
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 Q1 2024

### April 15, 2024

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

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#### **I. Introduction**

The Spread H (portions of Construction Spreads 9 and 10) portion of the Mountain Valley Pipeline Project H-600 (Project) within the state of Virginia begins at approximate station 12005+00 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. This reporting period covers January 1, 2024 through March 31, 2024 (Q1 reporting period).

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

- Montgomery, Roanoke, and Franklin Counties
  - 12005+00-13415+51
  - Laydown Yards: PY-006 and LY-049

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 (AS&S) details and the ESC/Post Construction SWM Plans:

- 12009+00-12011+63; 12072+50-12113+00
- 12113+00-12115+00; 12115+00-12145+50

- 12145+50-12147+50; 12147+50-12190+85
- 12212+00-12216+00; 12235+00-12281+00
- 12691+05-12697+00; 12697+00-12717+50
- 12999+30-13022+00; 13044+00-13057+00
- 13058+93-13061+40; 13063+96-13115+00
- 13213+00-13260+00; 13262+58-13316+00
- 13316+00-13342+67; 13344+00-13397+00

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

The Environmental Auditor utilized the following provided resources/information to assist with evaluating project compliance throughout the Q1 reporting period:

- Daily MVP Punch Lists (includes VADEQ findings);
- Environmental Auditor Bi-Weekly Reports;
- Frequent Communication with the MVP Environmental staff, Chief EI, Spread H LEI, and Assistant 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;
- 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 Area Reports (PARs) and Noncompliance Reports (NCRs);
- Notice of Force Majeure Declaration and supporting documentation submitted on 2/1/2024 and 2/18/2024; and
- Landowner/Third Party Reported Complaints received by the VADEQ on 1/2/2024, 1/3/2024, 1/6/2024, 1/8/2024, 1/9/2024 (5), 1/10/2024, 1/11/2024, 1/12/2024 (3), 1/22/2024 (2), 1/23/2024, 2/14/2024 (2), 2/28/2024 (4), 3/1/2024, and 3/3/2024 (Source: VADEQ website)

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 summary for the Q1 reporting period. **Please refer to the attached Environmental Auditor Bi-Weekly Reports for further detailed information.**

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

Per Table H-1A, the EIs observed a total of 406 daily punchlist items (includes Carry Over items) requiring repair/maintenance throughout the Q1 reporting period. It should be noted that one additional item identified by the EI on 1/31/2024 was not included within the daily MVP Punchlist. The Environmental Auditor noted no items identified by the EIs as ESC measures damaged due to impacts caused by third party activities.

During the Q1 reporting period the Spread H Environmental inspection staff observed one off right of way impact within an upland location and nine environmental resource impacts at S-EF20a, W-IJ103, S-G39 (2), S-EF19, S-I1, S-GH14, S-GH15, and W-EF5.

On 1/15/2024, the EI observed a small soil pile underneath the S-EF20a temporary bridge crossing while conducting a SWPPP inspection at MVP-MN-278.01. Based on the inspection, it appeared that over a period of time soil migrated through a hole in the temporary bridge then through a hole torn in the geotextile fabric by construction traffic. The VADEQ was immediately notified, the bridge was dismantled, deposited soil removed from the streambed, and the temporary bridge was reconstructed and enhanced within the required timeframe. An Agency Compliance Form (Noncompliance Report #820) was submitted by the EI on 1/15/2024. **Refer to Sections VI. and VII. for further discussion.**

On 1/23/2024, the EI identified an environmental resource impact at W-IJ103 west of MVP-RO-283. During the dewatering activities, the pumped water was initially directed into pre settling facilities with plastic liners constructed at the top of a fill slope. Due to saturated and freeze/thaw conditions, sediment laden water flowed through the walls of the facilities, overwhelmed the perimeter sediment controls, and impacted W-IJ103. Pumping activities were immediately halted, the VADEQ immediately notified, landowner access granted, sediment retrieved, and the impacted area stabilized. The pre-treatment facilities were backfilled and two above ground holding tanks were installed. The Spread H LEI submitted an Agency Compliance Form (PAR #824) on 1/23/2024. **Refer to Section VI. for further discussion.**

On 1/28/2024, the EI identified an environmental resource impact at S-G39 east of MVP-MN-268.01. A prolonged precipitation event from 1/27/2024 into early 1/28/2024 with intervals of high intensity rainfall coupled with saturated conditions caused a timber mat retaining wall on a slope to fail. Saturated soil and timber mat debris slid down the slope and into a portion of S-G39. The VADEQ was immediately notified, landowner permission granted, off right of way sediment and debris removed, the area stabilized, and the ESC measures repaired/enhanced within the required timeframe via multiple extension requests due to saturated/unsafe conditions. An Agency Compliance Form (PAR #836) was submitted by the Spread H LEI on 1/28/2024. A Courtesy Notice of Force Majeure Declaration and the Final Notice Force Majeure Declaration were submitted to the VADEQ on 2/1/2024 and 2/7/2024, respectively. **Refer to Section VI. for further discussion.**

On 1/29/2024, the EI identified an environmental resource impact at S-EF19 west of MVP-MN-278.01. A prolonged precipitation event on from 1/27/2024 into early 1/28/2024 with intervals of high intensity rainfall coupled with saturated conditions caused a waterbar to slough on a steep slope. Soil material overwhelmed the perimeter sediment controls impacting approximately 15 feet off right of way within S-EF19. The VADEQ was immediately notified, landowner permission granted, off right of way sediment removed, the area stabilized, and the ESC measures repaired/enhanced within the required timeframe via an extension request. An Agency Compliance Form (PAR #838) was submitted by the Spread H LEI on 1/29/2024. A Courtesy Notice of Force Majeure Declaration and the Final Notice Force Majeure Declaration were submitted to the VADEQ on 2/1/2024 and 2/7/2024, respectively. **Refer to Section VI. for further discussion.**

On 1/31/2024, the EI observed sediment laden runoff impacting S-I1 adjacent to Cove Hollow Road. Ponded water from the lake tank area at MVP-ATWS-1566 was flowing down the access. Construction traffic travelling through the muddy area overwhelmed the properly installed ESC measures resulting in sediment laden runoff into S-I1 adjacent to Cove Hollow Road. Construction traffic was immediately halted, the VADEQ notified, and enhanced ESC/runoff measures were installed. Based on communication with the Spread H LEI, the VADEQ inspected the impacted area and noted the ESC measures properly installed, enhanced, and functional and no sediment deposition was observed within S-I1. It should be noted that this impact was not included within the daily MVP Punchlist. **Refer to Section VI. for further discussion.**

On 2/13/2024, the Environmental Auditor identified an off right of way impact approximately 5 feet within an upland area near MVP-RO-288. A precipitation event with a period of high intensity rainfall occurred



on late 2/12/2024 causing ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, sediment removed, and stabilization occurred within the required timeframe. No environmental resources were impacted. **Refer to Section VI. for further discussion.**

On 2/14/2024, the EI observed two environmental resource impacts at S-GH14 and S-GH15 east of Wades Gap Road. A precipitation event with a period of high intensity rainfall occurred late on 2/12/2024. This event caused the streambanks to slough into the streams and the material remained within the right of way. The VADEQ was immediately notified, deposited sediment removed, and soil stabilization blanket was reinstalled as a temporary measure on the S-GH14 streambank. Due to extensive undercutting via a sudden drop in streambed elevation at S-GH15, temporary ESC measures were installed at and above the stream until a final remediation plan was developed to install scour mitigation measures. Based on communication with the Spread H LEI, scour mitigation measures were implemented at S-GH15 on 3/5/2024. Remediation plans are being developed for S-GH14 to provide effective streambank permanent stabilization measures. The Spread H LEI submitted Agency Compliance Reports (PARs #891 and #892) on 2/14/2024. A Courtesy Notice of Force Majeure Declaration and the Final Notice Force Majeure Declaration were submitted to the VADEQ on 2/18/2024 and 2/23/2024, respectively. **Refer to Section VI. for further discussion.**

On 2/16/2024, the EI observed an environmental resource impact at S-G39 east of MVP-MN-268.01. A precipitation event with a period of high intensity rainfall occurred on late 2/12/2024. This event coupled with long term streambank stability issues including landowner earthmoving activities prior to construction commencing in 2018 caused the streambank to bulge on 2/15/2024 eventually overwhelming the ESC measures on 2/16/2024. Approximately 10-12 feet of stream channel was impacted within the right of way limits. The VADEQ was immediately notified, a temporary flume pipe installed to maintain channel flow while the contractor removed the sediment and installed enhanced ESC measures within the required timeframe. Permanent restoration measures will be installed once the temporary bridge crossing is removed. The Spread H LEI submitted an Agency Compliance Form (PAR #893) on 2/16/2024. A Courtesy Notice of Force Majeure Declaration and the Final Notice Force Majeure Declaration were submitted to the VADEQ on 2/18/2024 and 2/23/2024, respectively. **Refer to Section VI. for further discussion.**

On 2/28/2024, the Environmental Auditor observed an environmental resource impact at W-EF5 at MVP-MN-278.01 due to a tear in the temporary bridge crossing geotextile fabric. A heavy rainfall event caused turbid water ponded on the temporary bridge to flow through the tear in the geotextile fabric which impacted W-EF5. Minor turbidity was observed within S-EF20a near the impact location; however, the streamflow was clear immediately downstream. Based on communication with the Spread H LEI and the daily MVP Punchlist, the VADEQ was notified immediately and repairs were completed at the temporary bridge crossing on 2/29/2024. An Agency Compliance Report (PAR #899) was submitted by the Spread H LEI on 2/28/2024. Based on follow up inspections conducted by the VADEQ and the EI, no sediment deposition was observed within W-EF5 or S-EF20a. **Refer to Section VI. for further discussion.**

During the Q1 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 H-1A provides a summary of maintenance/repair items identified by the EIs throughout the Q1 reporting period:

**Table H-1A**

Spread H Environmental Inspector Observations: January 1, 2024 – March 31, 2024					
Monthly Observation	Total Number Observations	Environmental Resource Impacts	Off Right of Way Impacts	Right of Way Impacts Caused by Third Parties	Weather Related Damage
January 2024	*190	5	0	0	0
February 2024	*149	4	1	0	0
March 2024	*67	0	0	0	0

\* Includes Carry Over Items

The EIs conducted a total of 224 SWPPP inspections and provided respective VSIRs throughout the Q1 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 repaired/maintained and/or enhanced 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 Q1 reporting period. Twenty-nine inspections were conducted in January, 28 inspections were conducted in February, and 30 inspections were conducted in March. No spills were observed during the Q1 2024 reporting period.

An approximate total of 17 recordable precipitation events occurred during the Q1 reporting period. On 1/10/2024, a precipitation event with intervals of high intensity rainfall produced approximately 2.5 inches of rainfall in 14 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 VADEQ on 1/10/2024. **Refer to discussion in Section IV., Table H-1C, and Section VI. for further discussion.**

From late 1/27/2024 into early 1/28/2024, a precipitation event with intervals of high intensity rainfall produced approximately 1.5 inches of rainfall in 11 hours. This event, coupled with existing saturated conditions caused a timber mat retaining wall on a slope to fail which deposited soil and debris into S-G39. This impact was identified by the EI on 1/28/2024. **Refer to discussion above, Table H-1B, and Section VI. for further discussion.**

From late 1/27/2024 into early 1/28/2024, a precipitation event with intervals of high intensity rainfall produced approximately 1.0 inches of rainfall in 11 hours. This event, coupled with existing saturated conditions caused a waterbar to slough resulting in a sediment impact at S-EF19. This impact was identified by the EI on 1/29/2024. **Refer to discussion above, Table H-1B, and Section VI. for further discussion.**

On 2/12/2024, a precipitation event with intervals of high intensity rainfall produced approximately 1.3 inches in 3 hours. This event caused streambanks to slough at S-GH14 and S-GH15. These impacts were identified by the EI on 2/13/2024. **Refer to discussion above, Table H-1B, and Section VI. for further discussion.**

On 2/12/2024, a precipitation event with intervals of high intensity rainfall produced approximately 0.7 inches in 3 hours. This event caused the streambank to bulge resulting in ESC measures becoming overwhelmed on 2/16/2024. This impact was identified by the EI on 2/16/2024. **Refer to discussion above, Table H-1B, and Section VI. for further discussion.**

Based on precipitation gauge data provided by the Spread H EIs, the following Table H-1B provides a summary of monthly recorded rainfall/snowfall dates, amounts based on lowest to highest rates, and estimated duration for each event throughout the Q1 reporting period:

**Table H-1B**

Spread H Precipitation and Duration Rates: January 1, 2024 – March 31, 2024					
January		February		March	
Date Recorded	Precipitation and Approximate Duration	Date Recorded	Precipitation and Approximate Duration	Date Recorded	Precipitation and Approximate Duration
1/7/2024	0.5"-0.8" - 8.5 Hours *Precipitation with intervals of high intensity/short duration rainfall occurred on 1/6/2024	2/11/2024	0.5"-0.9" - 21 Hours *Intermittent precipitation with intervals of high intensity/short duration rainfall occurred from 2/10/2024 into early 2/11/2024	3/2/2024	0.2"-0.6" - 9 Hours *Showers occurred late afternoon 3/1/2024 into early 3/2/2024
1/10/2024	1.2"-2.7" - 14 Hours *Precipitation with intervals of high intensity/short duration rainfall occurred on 1/9/2024	2/13/2024	0.5"-1.3" - 3 Hours *Scattered light showers developed into steady rainfall with intervals of high intensity precipitation on late 2/12/2024	3/7/2024	0.2"-0.5" - 17 Hours *Rainfall occurred on 3/6/2024
1/13/2024	0.1"-0.5" - 5.5 Hours *Light rainfall occurred on 1/12/2024	2/27/2024	0.0"-0.3" - 9.5 Hours *Intermittent showers occurred on 2/26/2024	3/10/2024	0.3"-0.9" - 10 Hours *Rainfall occurred on 3/9/2024
1/16/2024	0.3"-0.4" - 15 Hours (Melted snow) *Snowfall (approximately 3-5 inches) occurred from 1/15/2024 into early 1/16/2024	2/28/2024	0.0"-0.2" - 8 Hours *Intermittent showers occurred on 2/27/2024	3/23/2024	0.6"-1.0" - 11 Hours *Rainfall occurred late 3/22/2024 into early morning 3/23/2024
1/26/2024	0.1"-0.5" - 23 Hours *Intermittent light rain began early 1/25/2024 through early 1/26/2024	2/29/2024	0.3"-0.8" - 3.5 Hours *Precipitation with an interval of high intensity/short duration rainfall occurred on 2/28/2024	3/27/2024	0.1"-0.3" - 17 Hours *Light showers occurred from 3/26/2024 into early 3/27/2024
1/28/2024	0.8"-1.5" - 11 Hours *Precipitation with intervals of high intensity/short duration rainfall occurred 1/27/2024				
1/31/2024	0.1"-0.2" - 7 Hours *Light rain occurred late 1/30/2024				

**IV. Quarterly Summary of VADEQ Observations**

Per Table H-1C, the VADEQ Inspectors observed a total of 32 items requiring repair/maintenance throughout the Q1 reporting period. The Environmental Auditor noted no items identified by the VADEQ as ESC measures damaged due to third party impacts throughout the Q1 reporting period. During the Q1 reporting period, the VADEQ identified one off right of way impact within an upland area and one environmental resource impact at W-IJ103. On 1/10/2024, the VADEQ inspector identified an off right of way sediment impact approximately 25 feet within an upland area. A prolonged rainfall event on 1/9/2024 with intervals of high intensity rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner permission granted, off right of way sediment removed, the area stabilized, and the ESC measures repaired/enhanced within the required timeframe. No environmental resources were impacted. An Agency Compliance Form (PAR #797) was submitted by the EI on 1/10/2024. On 1/13/2024, the VADEQ identified an off right of way sediment impact to an environmental resource (W-IJ103) from dewatering activities at MVP-RO-283. The dewatering facilities were properly installed and maintained; however, soil particles were too fine for the dewatering regime. Upon landowner permission to evaluate the off right of way impact, sediment was observed approximately 25 feet in an upland area and within 100 feet of W-IJ103. Bore activities were immediately shut down, sediment removed, and stabilization occurred within the required the required timeframe. On 1/14/2024 and 1/15/2024, pre-treatment settling pits were constructed and dewatering facilities were reconstructed. An Agency Compliance Form (PAR #815) was submitted by the Spread H LEI on 1/15/2024. **Refer to Section VI. for further discussion.**

The items provided on the daily MVP Punchlists throughout the Q1 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).

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 Q1 reporting period:

**Table H-1C**

Spread H VADEQ Observations: January 1, 2024 – March 31, 2024					
Monthly Observation	Total Number Observations	Environmental Resource Impacts	Off Right of Way Impacts	Right of Way Impacts Caused by Third Parties	Weather Related Damage
January 2024	28	1	1	0	0
February 2024	2	0	0	0	0
March 2024	2	0	0	0	0

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

The Environmental Auditor noted 25 formal landowner/third party complaints submitted to the VADEQ for the Spread H Project during the Q1 reporting period.

- A third party complaint was filed with the VADEQ on 1/2/2024 (Pollution Investigation Report\_IR #312034). The complainant alleged "Sediment leaving the LOD impacting the creek". Based on communication with the Spread H LEI and reviewing the SWPPP VSIRs no compliance issues or impacts to environmental resources near MVP-RO-283 were observed. Per the Closure section of the IR on 1/4/2024, no compliance issues were observed. The VADEQ investigated this right of way the morning before the complaint was submitted and concluded the erosion and sediment control measures were observed to be in place, maintained, functioning properly, and no sediment deposition observed outside the LOD or stream receiving filtered water from the dewatering operation. It should be noted that this Closure also applies to IR #312045 (submitted to the VADEQ on 1/3/2024) as the VADEQ regards this complaint related to IR #312034.
- A third party complaint was observed on 1/6/2024 and received by the VADEQ on 1/8/2024 (Pollution Investigation Report\_IR #312077). The complainant alleged "Sediment noted in stream s-st9b, w-ef86". On 1/8/2024, the Environmental Auditor conducted an evaluation of the right of way at the S-ST9B/W-EF86 location and observed the ESC measures installed and functional at the time of the evaluation. However, due to saturated conditions, turbid water was observed flowing from underneath the W-EF86 temporary matting and limited to a small onsite area. No impacts were observed within S-ST9B at the time of the evaluation. Based on communication with the Spread H LEI, traffic was limited until site conditions permitted the temporary mats to be replaced/upgraded. Per the daily MVP Punchlist, the wetland matting was replaced/upgraded on 1/11/2024 via an extension request approved by the VADEQ. Per the Closure section of the IR on 1/23/2024, the VADEQ concluded no compliance issues were observed.
- A landowner complaint was filed with the VADEQ on 1/8/2024 (Pollution Investigation Report\_IR #312092). The complainant alleged "Black fence is buckled" "next to spring box" and requested the silt fence to be replaced. Based on communication with the Spread H LEI and reviewing the SWPPP VSIRs, no compliance issues or impacts to environmental resources were observed. Per the Closure section of the IR on 1/12/2024, the VADEQ concluded the ESC measures were observed to be in place and good condition, no stream impacts, and no compliance issues observed. The Environmental Auditor conducted a site evaluation on 1/17/2024 and observed the ESC/Pollution Prevention measures installed and functional and no off right of way or environmental resource impacts at the time of the evaluation.
- A third party complaint was filed with the VADEQ on 1/9/2024 (Pollution Investigation Report\_IR #312109). The complainant alleged "Sediment laden water leaving MVP worksite and entering into Roanoke River". Based on communication with the Spread H LEI and reviewing the SWPPP VSIRs no compliance issues or impacts to S-NN16 (Roanoke River) were observed. The Environmental Auditor conducted a site evaluation on 1/16/2024 and observed the ESC measures (including dewatering facilities) installed and functional and no impacts to S-NN16 at the time of the evaluation. Per the Closure section of the IR on 1/11/2024, the VADEQ concluded

the ESC measures were observed to be in place, properly functioning, and no compliance issues were observed.

- A landowner complaint was filed with the VADEQ on 1/9/2024 (Pollution Investigation Report\_IR #312113). The complainant alleged "Muddy, sediment water running out of a large pool in workspace into sy-7" and "water bleeding under the super silt fence" causing a plume of sediment into the stream. Based on communication with the Spread H LEI and reviewing the SWPPP VSIRs/daily MVP Punchlists, routine maintenance items were observed by the EI and the VADEQ on 1/9/2024 and 1/10/2024, respectively and completed within the required timeframe(s). It should be noted that a precipitation event with intervals of high intensity/short duration rainfall occurred on 1/9/2024. The punchlist items were addressed within the required time and no impacts to environmental resources were observed. The Environmental Auditor conducted a site evaluation on 1/17/2024 and observed the ESC measures installed/functional and no impacts to environmental resources were observed at the time of the evaluation. Per the Closure section of the IR on 1/25/2024, the VADEQ concluded no compliance issues were observed.
- A landowner complaint was filed with the VADEQ on 1/9/2024 (Pollution Investigation Report\_IR #312114). The complainant alleged "Flooding of timber mat bridge" on MVP-RO-287 at the S-Z17 stream crossing. It should be noted that a precipitation event with intervals of high intensity/short duration rainfall occurred on 1/9/2024. S-Z17 is existing stream crossing with culverts installed prior to the project. Per the Closure section of the IR on 1/12/2024, the VADEQ concluded the flooding subsided, the ESC measures were observed in good condition, and no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 1/9/2024 (Pollution Investigation Report\_IR #312116). The complainant alleged "Lots of muddy water escaping from ROW" east of the pipeline crossing. Based on communication with the Spread H LEI, an off right of way sediment impact within an upland location occurred at Cahas Mountain Road #1 due to a precipitation event with intervals of high intensity/short duration rainfall on 1/9/2024. The ESC measures became overwhelmed caused sediment to travel approximately 25 feet off right of way. The off right of way impact was observed by the VADEQ on 1/10/2024 and added to the daily MVP Punchlist. Based on review of the Agency Compliance Form (PAR #797), off right of way sediment was retrieved, the area stabilized on 1/10/2024, and final ESC measures repairs/enhancements were completed on 1/11/2024. On 1/25/2024 Environmental Auditor conducted a follow up evaluation and observed the ESC measures installed/functional and enhanced, off right of way sediment removed, and the impacted area stabilized. Per the Closure section of the IR on 2/5/2024, the VADEQ concluded that E&S control measures in need of maintenance were repaired within the specified timeframes and no compliance issues were observed.
- A third party complaint was observed on 1/9/2024 and received by the VADEQ on 1/10/2024 (Pollution Investigation Report\_IR #312124). The complainant alleged "sediment leaving MVP ROW into wetlands and tributary to Mill Creek". It should be noted that a precipitation event with intervals of high intensity/short duration rainfall occurred on 1/9/2024. Based on communication with the Spread H LEI, and review of the SWPPP VSIRs/daily MVP Punchlist (1/10/2024), minor routine repair/maintenance items were identified and addressed within the required timeframe. No impacts to environmental resources were observed. Per the Closure section of the IR on 1/30/2024, the VADEQ concluded no compliance issues were observed.
- A third party complaint was observed on 1/9/2024 and received by the VADEQ on 1/10/2024 (Pollution Investigation Report\_IR #312129). The complainant alleged "Lots of sediment leaving MVP worksite and settling into the wetlands on both sides of the temp rd. built over the wetlands and tributary (W-EF5/S-EF20a)". Based on communication with the Spread H LEI and reviewing the SWPPP VSIRs, no compliance issues or impacts to environmental resources were observed.

The Environmental Auditor conducted a site evaluation on 1/16/2024 and observed temporary bridge maintenance occurring, the ESC measures installed and functional, and no impacts to S-EF20a/W-EF5 at the time of the evaluation. Per the Closure section of the IR on 1/12/2024, the VADEQ concluded the ESC measures were observed to be in place, properly functioning, and no compliance issues were observed.

- A third party complaint was filed with the VADEQ on 1/11/2024 (Pollution Investigation Report\_IR #312202). The complainant alleged "MVP sediment water leaving worksite, moving across Lafayette Rd and entering the (Roanoke) River". Based on communication with the Spread H LEI and reviewing the SWPPP VSIRs, no compliance issues or impacts to S-NN16 (Roanoke River) were observed. The Environmental Auditor conducted a site evaluation on 1/16/2024 and observed the ESC measures (including dewatering facilities) installed and functional and no impacts to S-NN16 at the time of the evaluation. Per the Closure section of the IR on 1/12/2024, the VADEQ concluded the ESC measures were observed to be in place, properly functioning, and no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 1/12/2024 (Pollution Investigation Report\_IR #312245). The complainant alleged "Extremely muddy water downstream of MVP construction". It should be noted that a precipitation event with intervals of high intensity/short duration rainfall occurred on 1/9/2024. This event result in extended high water levels and increased turbidity within streams outside of the project area. The location of the complainant's observation via the provided GPS coordinates is where Bottom Creek flows under Bottom Creek Road which is approximately 1.5 to 2 miles west/southwest of the MVP project area. Based on communication with the Spread H LEI and reviewing the SWPPP VSIRs, no compliance issues or impacts to environmental resources within the Bottom Creek watershed (MVP-RO-280 through MVP-RO-283) were observed. Per the Closure section of the IR on 1/30/2024, the VADEQ concluded no compliance issues were observed.
- A landowner complaint was filed with the VADEQ on 1/12/2024 (Pollution Investigation Report\_IR #31250). The complainant alleged "Completely overwhelmed silt fences" near resources. The complainant is also concerned that the current site conditions (in active construction) and the ESC measures regime could cause impacts to environmental resources and requested specific additional measures be installed. Based on communication with the Spread H LEI and reviewing the SWPPP VSIRs/daily MVP Punchlists, routine maintenance items were observed by the EI and completed within the required timeframe(s). The Environmental Auditor conducted a site evaluation on 1/17/2024 and observed the ESC measures installed/functional and no impacts to environmental resources at the time of the evaluation. Per the Closure section of the IR on 1/18/2024, the VADEQ concluded the ESC measures were observed to be in place, properly functioning, and no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 1/12/2024 (Pollution Investigation Report\_IR #312253). The complainant alleged "Sedimentation/Runoff Bottom Creek". Based on communication with the Spread H LEI and reviewing the daily MVP Punchlists, a routine temporary bridge item was observed by the EI at MVP-RO-283 on 1/11/2024 and addressed on 1/12/2024; however, no off right of way or environmental resource impacts occurred. Per the Closure section of the IR on 1/30/2024, the VADEQ concluded no compliance issues were observed.
- A landowner complaint was filed with the VADEQ on 1/22/2024 (Pollution Investigation Report\_IR #312365). The complainant alleged current construction activities and trench dewatering related to tie in activities "threatens wetlands and streams" and "the drinking water resource" from a nearby spring box. The Environmental Auditor conducted a site evaluation on 1/22/2024 and observed the ESC measures installed and functional and no impacts to environmental resources at the time of the evaluation. Per the Closure section of the IR on 1/26/2024, the VADEQ

concluded the ESC measures were observed to be in place, functioning properly, no stream or wetland impacts, and no compliance issues were observed.

- A third party complaint was observed on 1/22/2024 and received by the VADEQ on 1/23/2024 (Pollution Investigation Report\_IR #312383). The complainant alleged the "MVP work site" caused elevated turbidity readings within the North Fork of the Roanoke River were observed using a "Secchi Tube" downstream from the MVP project location (S-G36). Based on communication with the Spread H LEI and reviewing the SWPPP VSIRs, no compliance issues or impacts to environmental resources were observed. The Environmental Auditor conducted a site evaluation on 1/30/2024 and observed no construction activities near S-G36, ESC/SWM measures installed and functional, and the water flowing clear within S-G36 at the time of the evaluation. Per the Closure section of the IR on 1/26/2024, the VADEQ concluded the ESC measures were observed to be in place, functioning properly, S-G36 flowing clear, no project related construction activity in the area, and no compliance issues were observed.
- A landowner complaint was filed with the VADEQ on 1/23/2024 (Pollution Investigation Report\_IR #312392). The complainant alleged "they (MVP contractor) are encroaching on spring box standing inside the sensitive area and moving/removing poles". Based on communication with the Spread H LEI and reviewing the SWPPP VSIRs, no compliance issues or impacts to environmental resources were observed. Per the Closure section of the IR on 1/26/2024, the VADEQ concluded the ESC measures were observed to be in place, functioning properly, no resource impacts, and no compliance issues were observed.
- A landowner complaint was filed with the VADEQ on 2/14/2024 (Pollution Investigation Report\_IR #312684). The complainant alleged "unknown white powder substance on LOD" being mixed into the soil. Based on communication with the Spread H LEI, quicklime was applied to the soil in accordance with approved methods as a drying agent due to the saturated conditions. Per the Closure section of the IR on 2/16/2024, the VADEQ concluded the quicklime was applied in accordance per the VADEQ requirements and no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 2/14/2024 (Pollution Investigation Report\_IR #312695). The complainant alleged "Sediment in stream S-IJ12". Based on communication with the Spread H LEI, the VADEQ conducted a site inspection on 2/15/2024 and observed no impacts to S-IJ12. On 2/13/2024, the Environmental Auditor conducted a site evaluation at this location prior to a rainfall event and observed the ESC measures installed and functional at and above S-IJ12 and no environmental resource impacts at the time of the evaluation. Per the Closure section of the IR on 2/23/2024, the VADEQ concluded no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 2/28/2024 (Pollution Investigation Report\_IR #312900). The complainant alleged "Sediment from the pipeline ROW continues to pollute the stream on Yellow Finch Lane" from "MVP's workspace above the crossing." On 2/28/2024, the Environmental Auditor conducted an evaluation immediately following a high intensity rainfall event and observed the ESC measures installed and functional below the workspace location. The Environmental Auditor did observe sediment laden water flowing through a tear in the geotextile fabric at the S-EF20a temporary bridge crossing and immediately contacted the Spread H LEI. The EI immediately conducted a site inspection and also observed slightly cloudy water within S-EF20a at the bridge crossing location and clear water immediately downstream of the MVP right of way. While conducting an evaluation of the right of way and along the entire access road, the Environmental Auditor did not observe any project related impacts to S-EF20b which crosses the access road near Cove Hollow Road. However, the Environmental Auditor observed high turbidity within S-KL32 flowing into S-EF20b due to upstream third party related activities. The VADEQ conducted a site inspection on 2/29/2024 and observed no impacts to S-EF20a. Per

the Closure section of the IR on 3/4/2024, the VADEQ concluded no compliance issues were observed.

- A third party complaint was filed with the VADEQ on 2/28/2024 (Pollution Investigation Report\_IR #312901). The complainant alleged "Sediment from MVP ROW into tributary going to Mill Creek". Based on communication with the Spread H LEI, the VADEQ conducted a site inspection on 2/29/2024 and observed no off right of way or environmental resource impacts from the project area. The Environmental Auditor also reviewed the SWPPP VISR and it appears the ESC measures were properly installed and functional. Per the Closure section of the IR on 3/4/2024, the VADEQ concluded no compliance issues were observed.
- A landowner complaint was filed with the VADEQ on 2/28/2024 (Pollution Investigation Report\_IR #312902). The complainant alleged there were sediment impacts to an existing spring box, S-Y7, and S-Y8 due to MVP construction activities. The Environmental Auditor conducted a site evaluation at this location on 2/27/2024 and observed the ESC measures installed and functional and no impacts to the spring box or environmental resources at the time of the evaluation. Based on communication with the Spread H LEI, the EI and VADEQ conducted a site inspection on 2/29/2024 and observed the ESC measures installed and functional and no impacts to the existing spring box, S-Y7, and S-Y8. Per the Closure section of the IR on 3/4/2024, the VADEQ concluded no compliance issues were observed.
- A landowner complaint was observed on 2/28/2024 and received by the VADEQ on 2/29/2024 (Pollution Investigation Report\_IR #312907). The complainant alleged "Sediment leaving the LOD impacting the creek". Based on communication with the Spread H LEI, the VADEQ conducted a site inspection on 2/29/2024 and observed the ESC measures installed and functional and no impacts to environmental resources east and west of MVP-RO-283. The Environmental Auditor conducted site evaluations throughout this location on 2/27/2024 and 3/4/2024 and observed the ESC/Pollution Prevention measures installed and functional and no impacts to environmental resources at the time of the evaluations. It should be noted that no dewatering activities were occurring at MVP-RO-283 during the evaluations. Advanced treatment systems were set up at MVP-RO-282 and new dewatering facilities appeared to be installed and functional within an upland location between MVP-RO-282 and MVP-RO-283. Per the Closure section of the IR on 3/4/2024, the VADEQ concluded no compliance issues were observed.
- A third party complaint was observed on 3/1/2024 and received by the VADEQ on 3/2/2024 (Pollution Investigation Report\_IR #312955). The complainant alleged "Muddy sediment from the MVP ROW is once again polluting the creek on Yellow Finch Lane". Based on communication with the Spread H LEI, the EI and VADEQ conducted a site inspection on 3/2/2024 and observed no impacts to S-EF20a and surrounding environmental resources. Per the Closure section of the IR on 3/4/2024, the VADEQ concluded no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 3/3/2024 (Pollution Investigation Report\_IR #312968). The complainant alleged "Dewatering from the bore under the Roanoke River is sending muddy sediment into the river via a culvert underneath Lafayette Road". Based on a site evaluation conducted by the Environmental Auditor on 2/28/2024, the dewatering facilities at this location were observed to be installed and functional with two pretreatment facilities installed as enhanced BMP measures. The water flowing from the facilities to the roadside vegetative ditch and into the existing cross culvert appeared to be clear at the time of the evaluation. Per the Closure section of the IR on 3/4/2024, the VADEQ concluded no compliance issues were observed.

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

Per Table H-1D, the Environmental Auditor conducted 74 site evaluations during the Q1 reporting period and observed upland, open cut and bore activities at environmental resource locations where Pollution



Prevention, ESC, and dewatering measures required repair/maintenance or additional (enhanced) ESC measures to be installed.

During the reporting period, the Environmental Auditor evaluated the ESC (includes dewatering), 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 and SWPPP VSIRs. The Environmental Auditor communicated technical and administrative observations and recommendations to the Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff. Installation and repair/maintenance recommendations were forwarded to the contractor Environmental staff by the Spread H Environmental inspection staff and most recommendations were subsequently addressed.

During the Q1 reporting period, the Environmental Auditor continued to evaluate dewatering activities throughout the right of way utilized during bore pit, open cut operations, and tie-ins for proper installation and functionality. One area of focus was dewatering activities occurring at MVP-RO-283.

On 1/8/2024, the Environmental Auditor evaluated dewatering activities at MVP-RO-283 and observed the dewatering facilities properly installed; however, turbid water was observed within S-IJ88 below the facilities. The Environmental Auditor immediately communicated with the Spread H LEI and Assistant LEI regarding the observation. and the Environmental Auditor was informed that EI staff continue to communicate/coordinate with the contractor staff regarding ongoing maintenance at the dewatering facilities. On 1/17/2024, the Environmental Auditor conducted a follow up evaluation as result of the environmental resource impact identified by the VADEQ on 1/13/2024. The Environmental Auditor observed two pretreatment structures constructed with no turbid water discharging from the dewatering facilities at the time of the evaluation. Based on a conversation with the Spread H Environmental inspection staff, additional advanced treatment systems were in the process of being delivered to the project.

On 1/25/2024, the Environmental Auditor evaluated the dewatering location at MVP-RO-283 following the slope failure at the pretreatment structures identified on 1/23/2024. At the time of the evaluation, the Environmental Auditor observed dewatering activities temporarily halted as advanced treatment systems and holding tanks were being installed, the perimeter sediment control measures repaired via routine maintenance, and the off right of way area stabilized. On 1/31/2024, the Environmental Auditor reevaluated the dewatering location and observed dewatering activities remained shut down as installation continued on the advanced treatment systems and holding tanks. The Environmental Auditor and Spread H Assistant LEI evaluated the off right of way area where the FERC monitor identified a sediment impact within W-IJ103 on 1/30/2024. During the evaluation, no off right of sediment was observed. However, ponded water at the southernmost edge of W-IJ103 appeared slightly cloudy from what appeared to be native soil material from subsurface groundwater flow exiting at an exposed tree root system upslope of the wetland. Based on subsequent communication with the Spread H LEI, the VADEQ inspected this location and did not observe any recent impacts related to dewatering activities. All dewatering operations within that location were suspended while a revised dewatering plan was developed. NOTE: The revised dewatering plan involved pumping of bore pit water to a treatment system at MVP-RO-282 then to dewatering facilities within an upland area of the right of way between MVP-RO-282 and MVP-RO-283.

The Environmental Auditor continued to evaluate the dewatering activities between MVP-RO-282 and MVP-RO-283 throughout the remainder of the Q1 reporting period. The Environmental Auditor observed the dewatering facilities and perimeter ESC measures installed/functional and enhanced. No off right of way sediment impacts were observed at the time of the evaluations.

The Environmental Auditor also evaluated the bore activity and affiliated dewatering facilities at the Roanoke River location (S-NN16). During the evaluations, the Environmental Auditor observed dewatering facilities at MVP-MN-279 and Lafayette Road installed/functional and enhanced. No off right of way or environmental resource impacts were observed at the time of the evaluations.

On 1/16/2024, the Environmental Auditor evaluated S-EF20a where a sediment impact was observed by the Spread H EI on 1/15/2024 due to a hole in the temporary bridge geotextile fabric resulting in soil buildup within the stream over a period of time. The Environmental Auditor observed the ESC measures installed/functional and the temporary bridge crossing in the process of being rebuilt/enhanced. No environmental resource impacts were observed at the time of the evaluation.

On 1/25/2024, the Environmental Auditor evaluated the right of way at Cahas Mountain Road #1 where an off right of way sediment impact approximately 25 feet was observed by the VADEQ on 1/10/2024. The ESC measures became overwhelmed during a heavy rain event on 1/9/2024. The Environmental Auditor observed the ESC measures repaired/enhanced, the off right of way sediment removed, and the area stabilized. No environmental resource impacts were observed at the time of the evaluation.

On 1/30/2024, the Environmental Auditor evaluated an environmental resource impact at S-G39 east of MVP-MN-268.01 observed by the EI on 1/28/2024. The impact resulted from sloughing following an extended precipitation event with intervals of high intensity rainfall from 1/27/2024 into 1/28/2024. It should be also noted that this location was saturated from previous precipitation events. The Environmental Auditor observed stream flow unimpeded where the spoil and debris deposited, no downstream turbidity, and maintenance activities occurring on the slope at the time of the evaluation. On 2/28/2024, the Environmental Auditor conducted a follow-up evaluation at S-G39 due to the streambank bulging and causing a sediment impact observed by the EI on 2/16/2024. The Environmental Auditor observed temporary repairs conducted on the streambank, ESC measures enhanced, and no impacts to the stream at the time of the evaluation.

On 2/7/2024, the Environmental Auditor conducted an evaluation at MVP-ATWS-1566 where an environmental resource impact was observed at S-I1 by the EI on 1/31/2024. The Environmental Auditor observed most ESC measures installed/enhanced and functional. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to proper installation of ESC measures and installing enhanced BMPs where turbidity was observed from a swale to convey runoff from the lake tank area. On 2/28/2024, the Environmental Auditor conducted a follow-up evaluation and observed the ESC measures installed/repared and functional at the time of the evaluation.

On 2/27/2024, the Environmental Auditor conducted a follow-up evaluation at MVP-RO-288 where an off right of way impact was observed on 2/13/2024. The Environmental Auditor observed the ESC measures repaired/enhanced, the off right of way sediment removed, and the area stabilized.

On 2/16/2024 the Environmental Auditor evaluated S-GH14 and S-GH15 east of Wades Gap Road where environmental resource impacts at S-GH14 and S-GH15 were observed by the EI on 2/14/2024. The impacts occurred due to streambank sloughing/undercutting following a heavy rainfall event on 2/12/2024. The Environmental Auditor observed the sediment removed from the streambeds, SSB reinstalled on the S-GH14 streambank, and temporary/enhanced ESC measures installed at and above S-GH15. At the time of the evaluation, the contractor was mobilizing to repair the temporary bridges at S-GH14 and S-GH15 as engineered plans for enhanced restoration measures were being developed to implement enhanced measures at both streams. On 3/12/2024, the Environmental Auditor conducted a follow-up evaluation and observed permanent scour mitigation measures installed at S-GH15 and the S-GH14 streambanks stabilized with SSB. Based on communication with the Spread H LEI, engineered plans for enhanced restoration measures are being developed for the S-GH14 streambank.

On 2/28/2024, the Environmental Auditor evaluated the right of way adjacent to W-EF5/S-EF20a and access road MVP-MN-278.01 immediately following a high intensity/short duration precipitation event. The Environmental Auditor observed the ESC measures along the access road and the right of way above W-EF5/S-EF20a installed and functional. However, ponded water on the temporary bridge caused sediment laden runoff to flow through a tear in the geotextile fabric which resulted in a minor impact to W-EF5. Minor turbidity was observed within S-EF20a near the impact location. The S-EF20a streamflow appeared clear immediately downstream from the temporary bridge crossing. Based on communication

with the Spread H LEI and the daily MVP Punchlist, the VADEQ was notified immediately and repairs were completed on 2/29/2024. Based on inspections conducted by the VADEQ and the EI on 2/29/2024, no sediment deposition was observed within W-EF5 or S-EF20a.

On 3/19/2024, the Environmental Auditor evaluated S-EF19 west of MVP-MN-278.01 and observed ESC measures installed, enhanced, and functional. Stream crossing installation was completed and tie in activities were occurring above the stream at the time of the evaluation. The Environmental Auditor also conducted a follow-up evaluation at W-EF5/S-EF20a, observed the ESC measures installed and functional, and no environmental resource impacts observed.

The Environmental Auditor provided the following detailed technical and administrative/documentation recommendations:

### **Technical Recommendations**

- Continue to monitor and evaluate pumped water filter bags and straw bale containment structures (dewatering facilities) to ensure they are constructed per the ESC Plan requirements for proper functionality. Utilize pumped water filter bags that are sized appropriately for proposed pumping rates.
- Coordinate with the contractor as necessary to reinstall any dewatering facility not meeting the ESC Plan requirements and consider implementing enhanced treatment measures where turbid discharge becomes an issue.
- Install SSB within waterbar flow paths where erosion is occurring and conduct end sump maintenance as needed.
- Evaluate waterbar end sumps for capacity per the ESC Plan requirements. Monitor potential ice forming on the top of accumulated water in the end sumps and maintain as needed.
- Repair rills/gullies prior to conducting restabilization activities. Install soil stabilization blanket (SSB) where straw/hydraulic mulch are not applicable to meet the AS&S requirements.
- Ensure secondary containment measures are properly installed on level grade and maintained following precipitation events and/or damaged during construction activities. The use of plastic sheeting wrapped around equipment was identified as not an acceptable secondary containment measure.
- Conduct routine maintenance activities throughout the day as needed at temporary bridge/mat crossings.
- Monitor and replace compost filter sock where the height becomes compromised.
- Conduct stabilization throughout the right of way based on the ESC Plan timeframe requirements.

### **Administrative/Documentation Recommendations**

- Conduct QA/QC to ensure consistency and thoroughness between the daily MVP Punchlists and SWPPP VSIRs.
- Include all items identified by the EIs within the daily MVP Punchlist.
- Communicate third party/landowner complaints, off right of way impacts, and environmental resource impacts to the Environmental Auditor.

The Spread H Environmental inspection 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 H LEI, Assistant LEI, Chief EI, onsite EIs (as requested) and MVP Environmental staff on a regular basis. Discussions entail project feedback, technical support, and

recommendations/guidance to maintain compliance with the ESC Plans, SWPPP VSIRs, and 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 Q1 reporting period.

**Table H-1D**

<b>Environmental Auditor Field Observations: January 1, 2024 – March 31, 2024</b>	
<b>Month</b>	<b>Total Observations</b>
January 2024	23
February 2024	23
March 2024	28

## **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, the following issue occurred:
  - Lack of temporary bridge crossing maintenance resulted in an environmental resource impact at S-EF20a on 1/15/2024; 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 Q1 reporting period. The Environmental Auditor recommends the following: continued communication between the MVP Spread H Environmental inspection staff and the contractor Environmental staff to ensure all ESC (includes dewatering) and Pollution Prevention measures are properly installed/functional and enhanced where necessary to maintain compliance with the approved ESC Plans and Annual Standards and Specifications and include all items identified by the EIs within the daily MVP Punchlist.

As the VADEQ is aware, there are instances noted in the Q4 2019 through Q4 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: 1/7/2024  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: <b>14</b> conducted from 1/1/2024 through 1/7/2024 (includes PY-006): Holiday on 1/1/2024											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 1/1/2024 through 1/7/2024 (includes Carry Over Items from 12/31/2023): <b>35</b>											
Total Number of ODCP Inspections at Laydown Yard PY-006: <b>6</b> (1/2/2024 through 1/7/2024 ): Holiday on 1/1/2024											
Total Number of VA DEQ Observations from 1/1/2024 through 1/7/2024: <b>2</b>											
Total Number of Landowner/Third Party Reported Complaints: <b>2</b> (1. A third party complaint was filed with the VADEQ on 1/2/2024 (Pollution Investigation Report_IR #312034). The complainant alleged "Sediment leaving the LOD impacting the creek". Per the Closure section of the IR on 1/4/2024, the VADEQ concluded no compliance issues were observed. 2. A third party complaint was filed with the VADEQ on 1/3/2024 (Pollution Investigation Report_IR #312045). The complainant alleged "Sediment leaving the LOD impacting the creek". Per the Closure section of the IR on 1/4/2024, the VADEQ concluded no compliance issues were observed). <b>Refer to Landowner/Third Party Reported Complaints below for further discussion.</b>											
Total Number of Right of Way Impacts Caused by Third Parties: <b>0</b>											
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 1/1/2024 through 1/7/2024.											
CARRY OVER ITEMS FROM 12/31/2023											
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
11/20/2020	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, 9/16, 10/17, 11/17, and 12/16/2023 to be completed on 1/17/2024			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.
12/27/2023	0.9"-2.2" - 27 Hours *Rainfall occurred from early 12/26/2023 through early 12/27/2023	1		1			1	1 on 12/28/2023 Extended indefinitely until landowner permission has been granted	1/4/2024		One item was identified requiring off right of way sediment retrieval within an upland area and completed within the required timeframe via an extension request approval from the VADEQ until landowner permission has been granted.
ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
1/2/2024		4					4			2 on 1/3/2024 2 on 1/4/2024	Four items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
1/3/2024		10					10			3 on 1/3/2024 3 on 1/4/2024 4 on 1/5/2024	Ten items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
1/4/2024		16					16		2 on 1/4/2024	11 on 1/4/2024 3 on 1/5/2024	Sixteen items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
1/5/2024		1					1			1 on 1/7/2024	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
1/7/2024	0.5"-0.8" - 8.5 Hours *Precipitation with intervals of high intensity/short duration rainfall occurred on 1/6/2024	2					2		1 on 1/7/2024		Two items were identified requiring ESC repair/maintenance and one was completed within the required timeframe. <b>The remaining item has 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
1/3/2024		2			2					2 on 1/4/2024	Two items were 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
1/2/2024	MVP-RO-283	1	A third party complaint was filed with the VADEQ on 1/2/2024 (Pollution Investigation Report_IR #312034). The complainant alleged "Sediment leaving the LOD impacting the creek". Based on communication with the Spread H LEI and reviewing the SWPPP VSIRs no compliance issues or impacts to environmental resources near MVP-RO-283 were observed. Per the Closure section of the IR on 1/4/2024, no compliance issues were observed. The VADEQ investigated this right of way the morning before the complaint was submitted and concluded the erosion and sediment control measures were observed to be in place, maintained, functioning properly, and no sediment deposition observed outside the LOD or stream receiving filtered water from the dewatering operation.
1/3/2024	MVP-RO-283	1	A third party complaint was filed with the VADEQ on 1/3/2024 (Pollution Investigation Report_IR #312045). The complainant alleged "Sediment leaving the LOD impacting the creek". Based on communication with the Spread H LEI and reviewing the SWPPP VSIRs no compliance issues or impacts to environmental resources near MVP-RO-283 were observed. Per the Closure section of the IR on 1/4/2024, the VADEQ investigated this right of way the morning before the complaint was submitted and concluded the erosion and sediment control measures were observed to be in place, functioning properly, and no compliance issues observed. It should be noted that the VADEQ referred to the previous IR #312034 due to this complaint being similar.

ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS		
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS
1/1/2024 through 1/7/2024	<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 1/5/2024 regarding the Partial Bi-Weekly reporting period ending on 1/7/2024 and requested to be notified if any off right of way/environmental resource impacts and third party VADEQ complaints are observed.</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.

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: 1/21/2021  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: <b>34</b> conducted from 1/8/2024 through 1/21/2024 (includes PY-006)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 1/8/2024 through 1/21/2024 (includes Carry Over Items from 1/7/2024): <b>80</b>											
Total Number of ODCP Inspections at Laydown Yard PY-006: <b>7</b> (1/8/2024 through 1/14/2024); <b>7</b> (1/15/2024 through 1/21/2024)											
Total Number of VA DEQ Observations from 1/8/2024 through 1/21/2024: <b>26</b>											
<p>Total Number of Landowner/Third Party Reported Complaints: <b>12</b> (1. A third party complaint was observed on 1/6/2024 and received by the VADEQ on 1/8/2024 (Pollution Investigation Report_IR #312077). The complainant alleged "Sediment noted in stream s-st9b, w-ef86". On 1/8/2024, the Environmental Auditor conducted an evaluation of the right of way at the S-ST9B/W-EF86 location and observed the ESC measures installed and functional at the time of the evaluation. However, due to saturated conditions, turbid water was observed flowing from underneath the W-EF86 temporary matting and limited to a small onsite area. No impacts were observed within S-ST9B at the time of the evaluation. Based on communication with the Spread H LEI, traffic would be limited until site conditions permit the temporary mats to be replaced/upgraded. Per the daily MVP Punchlist, the wetland matting was replaced/upgraded on 1/11/2024 via an extension request approved by the VADEQ. Per the VADEQ website, formal Closure remains pending. 2. A landowner complaint was filed with the VADEQ on 1/8/2024 (Pollution Investigation Report_IR #312092). The complainant alleged "Black fence is buckled" "next to spring box" and requested the silt fence to be replaced. Per the Closure section of the IR on 1/12/2024, the VADEQ concluded no compliance issues were observed. 3. A third party complaint was filed with the VADEQ on 1/9/2024 (Pollution Investigation Report_IR #312109). The complainant alleged "Sediment laden water leaving MVP worksite and entering into Roanoke River". Per the Closure section of the IR on 1/11/2024, the VADEQ concluded no compliance issues were observed. 4. A landowner complaint was filed with the VADEQ on 1/9/2024 (Pollution Investigation Report_IR #312113). The complainant alleged "Muddy, sediment water running out of a large pool in workspace into sy-7" and "water bleeding under the super silt fence" causing a plume of sediment into the stream. Based on communication with the Spread H LEI and reviewing the SWPPP VSIRs/daily MVP Punchlists, routine maintenance items were observed by the EI and the VADEQ on 1/9/2024 and 1/10/2024, respectively and completed within the required timeframe(s). It should be noted that a precipitation event with intervals of high intensity/short duration rainfall occurred on 1/9/2024. The punchlist items were addressed within the required time and no impacts to environmental resources were observed. The Environmental Auditor conducted a site evaluation on 1/17/2024 and observed the ESC measures installed/functional and no impacts to environmental resources were observed at the time of the evaluation. Per the VADEQ website, formal Closure remains pending. 5. A landowner complaint was filed with the VADEQ on 1/9/2024 (Pollution Investigation Report_IR #312114). The complainant alleged "Flooding of timber mat bridge" on MVP-RO-287 at the S-Z17 stream crossing. Per the Closure section of the IR on 1/12/2024, the VADEQ concluded no compliance issues were observed. 6. A third party complaint was filed with the VADEQ on 1/9/2024 (Pollution Investigation Report_IR #312116). The complainant alleged "Lots of muddy water escaping from ROW "east of the pipeline crossing. Based on communication with the Spread H LEI, an off right of way sediment impact within an upland location occurred at Cahas Mountain Road #1 due to a precipitation event with intervals of high intensity/short duration rainfall on 1/9/2024. The ESC measures became overwhelmed causing sediment to travel approximately 25 feet off right of way. The off right of way impact was observed by the VADEQ on 1/10/2024 and added to the daily MVP Punchlist. Based on review of the Agency Compliance Form (PAR #797), off right of way sediment was retrieved, the area stabilized on 1/10/2024, and final ESC measures repairs/enhancements were completed on 1/11/2024. Per the VADEQ website, formal Closure remains pending. 7. A third party complaint was observed on 1/9/2024 and received by the VADEQ on 1/10/2024 (Pollution Investigation Report_IR #312124). The complainant alleged "sediment leaving MVP ROW into wetlands and tributary to Mill Creek". It should be noted that a precipitation event with intervals of high intensity/short duration rainfall occurred on 1/9/2024. Based on communication with the Spread H LEI, and review of the SWPP VSIRs/daily MVP Punchlist (1/10/2024), minor routine repair/maintenance items were identified and addressed within the required timeframe. No impacts to environmental resources were observed. Per the VADEQ website, formal Closure remains pending. 8. A third party complaint was observed on 1/9/2024 and received by the VADEQ on 1/10/2024 (Pollution Investigation Report_IR #312129). The complainant alleged "Lots of sediment leaving MVP worksite and settling into the wetlands on both sides of the temp rd. built over the wetlands and tributary (W-EF5/S-EF20a)". Per the Closure section of the IR on 1/12/2024, the VADEQ concluded no compliance issues were observed. 9. A third party complaint was filed with the VADEQ on 1/11/2024 (Pollution Investigation Report_IR #312202). The complainant alleged "MVP sediment water leaving worksite, moving across Lafayette Rd and entering the Rke (Roanoke) River". Per the Closure section of the IR on 1/12/2024, the VADEQ concluded no compliance issues were observed. 10. A third party complaint was filed with the VADEQ on 1/12/2024 (Pollution Investigation Report_IR #312245). The complainant alleged "Extremely muddy water downstream of MVP construction". It should be noted that a precipitation event with intervals of high intensity/short duration rainfall occurred on 1/9/2024 causing many streams to rise due to the volume of runoff and natural turbidity levels within streams extended a few days after the precipitation event. The location of the complainant's observation via the provided GPS coordinates is where Bottom Creek flows under Bottom Creek Road which is approximately 1.5 to 2 miles west/southwest of the MVP project area. Based on communication with the Spread H LEI and reviewing the SWPPP VSIRs, no compliance issues or impacts to environmental resources within the Bottom Creek watershed (MVP-RO-280 through MVP-RO-283 were observed. Per the VADEQ website, formal Closure remains pending. 11. A landowner complaint was filed with the VADEQ on 1/12/2024 (Pollution Investigation Report_IR #31250). The complainant alleged "Completely overwhelmed silt fences" near resources. Per the Closure section of the IR on 1/18/2024, the VADEQ concluded no compliance issues were observed. 12. A third party complaint was filed with the VADEQ on 1/12/2024 (Pollution Investigation Report_IR #31253). The complainant alleged "Sedimentation/Runoff Bottom Creek". Based on communication with the Spread H LEI and reviewing the daily MVP Punchlists, a routine temporary bridge item was observed by the EI at MVP-RO-283 on 1/11/2024 and addressed on 1/12/2024. Per the VADEQ website, formal Closure remains pending). Refer to Landowner/Third Party Reported Complaints and Environmental Auditor Field Observations and Recommendations for further discussion.</p>											
Total Number of Right of Way Impacts Caused by Third Parties: <b>0</b>											
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>1</b> (On 1/10/2024 right of way sediment impact in an upland area was observed by the VADEQ inspector on 1/10/2024. A precipitation event with intervals of high intensity rainfall occurred on 1/9/2024 and produced approximately 2.5 inches of rainfall in 14 hours causing ESC measures to become overwhelmed. Landowner permission granted, off right of way sediment removed, the area stabilized, and the ESC measures repaired/enhanced within the required timeframe. No environmental resources were impacted). Refer to VADEQ Observations for further discussion.											
Total Number of Environmental Resource Impacts: <b>2</b> (1. On 1/13/2024 the VADEQ inspector observed an off right of way sediment impact to an environmental resource (W-U103) from dewatering activities at MVP-RO-283. The current facilities were properly installed and maintained; however, soil particles were too fine for the current dewatering regime. Upon landowner permission, sediment was observed approximately 25 feet within an upland area and 100 feet of W-U103. Bore activities were immediately shut down, sediment removed, and stabilization occurred within the required timeframe. On 1/14/2024 and 1/15/2024, pre-treatment settling structures were constructed and dewatering facilities were reconstructed. An Agency Compliance Form (Problem Area Report #815) was submitted by the Spread H LEI on 1/15/2024. 2. On 1/15/2024, the EI observed a small soil pile underneath the S-EF20a temporary bridge crossing while conducting a SWPPP inspection. Based on the inspection, it appeared that over a period of time soil migrated through a hole in the temporary bridge then through a hole torn in the geotextile fabric by construction traffic. The VADEQ was immediately notified, the bridge was dismantled, deposited soil removed from the streambed, and the temporary bridge was reconstructed and enhanced within the required timeframe. The VADEQ was immediately notified, the bridge was dismantled, deposited soil removed from the streambed, and the temporary bridge was reconstructed and enhanced within the required timeframe). Refer to Environmental Inspector Observations, VADEQ Observations, Environmental Auditor Field Observations and Recommendations, and Required Findings and Conclusions 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 1/8/2024 through 1/21/2024.											
CARRY OVER ITEMS FROM 1/7/2024											
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, 9/16, 10/17, 11/17, and 12/16/2023 2024 1/17/2024 to be completed on 2/17/2024			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.
1/7/2024	0.5"-0.8" - 8.5 Hours *Precipitation with intervals of high intensity/short duration rainfall occurred on 1/6/2024	1					1			1 on 1/8/2024	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
1/8/2024		4					4			4 on 1/9/2024	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/9/2024		10					10	2 on 1/10/ and 1/11/2024 to be completed on 1/12/2024	2 on 1/11/2024 (Ext. Requests)	6 on 1/10/2024 2 on 1/12/2024	Ten items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
1/10/2024	1.2"-2.7" - 14 Hours *Precipitation with intervals of high intensity/short duration rainfall occurred on 1/9/2024	25					25	1 on 1/12 and 1/13/2024 to be completed on 1/14/2024	1 on 1/14/2024 (Ext. Request)	5 on 1/10/2024 13 on 1/11/2024 6 on 1/12/2024	Twenty-five items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
1/11/2024		15					15			6 on 1/11/2024 7 on 1/12/2024 2 on 1/14/2024	Fifteen items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
1/12/2024		2					2			2 on 1/13/2024	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/14/2024		4					4			2 on 1/14/2024 1 on 1/15/2024 1 on 1/16/2024	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/15/2024		4	1				4		2 on 1/16/2024	1 on 1/16/2024 1 on 1/17/2024	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was an environmental resource impact at S-EF20a. The EI observed a small soil pile underneath the S-EF20a temporary bridge crossing while conducting a SWPPP inspection. Based on the inspection, it appeared that soil migrated through a hole in the bridge over time due to construction traffic and tore a hole in the geotextile fabric. The VADEQ was immediately notified, the bridge was dismantled, deposited soil removed from the streambed, and the temporary bridge was reconstructed and enhanced within the required timeframe. An Agency Compliance Form (Noncompliance Report #820) was submitted by the EI on 1/15/2024. The Environmental Auditor conducted a site evaluation on 1/16/2024 and observed the ESC measures installed/functional and the temporary bridge crossing in the process of being rebuilt/enhanced. No environmental resource impacts were observed at the time of the evaluation.
1/16/2024	0.3"-0.4" - 15 Hours (Melted snow) *Snowfall (approximately 3-5 inches) occurred from 1/15/2024 into early 1/16/2024	7					7		2 on 1/17/2024	2 on 1/17/2024 1 on 1/18/2024 2 on 1/19/2024	Seven items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
1/17/2024		1					1			1 on 1/18/2024	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
1/18/2024		3					3			2 on 1/18/2024 1 on 1/19/2024	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/19/2024		1					1		1 on 1/19/2024		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
1/20/2024		2					2			1 on 1/20/2024	Two items were identified requiring ESC repair/maintenance and one of the items was 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
1/8/2024		2					2	1 on 1/9 and 1/10/2024 to be completed on 1/11/2024 due to inclement weather conditions	1 on 1/9/2024 1 on 1/11/2024 (Ext. Request)		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/10/2024	1.2"-2.7" - 14 Hours *Precipitation with intervals of high intensity/short duration rainfall occurred on 1/9/2024	20		1			20 (includes off right of way impact)		14 on 1/11/2024	4 on 1/11/2024 1 on 1/12/2024 1 on 1/13/2024	Twenty 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 25 feet within an upland area. A prolonged rainfall event on 1/9/2024 with intervals of high intensity rainfall caused ESC measures to become overwhelmed. Landowner permission was granted, off right of way sediment removed, the area stabilized, and the ESC measures repaired/enhanced within the required timeframe. No environmental resources were impacted. An Agency Compliance Form (Problem Area Report #797) was submitted by the EI on 1/10/2024.
1/12/2024		3					3		3 on 1/13/2024		Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/13/2024	0.1"-0.5" - 5.5 Hours *Light rainfall occurred on 1/12/2024	1	1				1 (includes environmental resource impact)		1 on 1/13/2024		One item was identified an off right of way sediment impact to an environmental resource (W-IJ103) from dewatering activities at MVP-RO-283. The current facilities were properly installed and maintained; however, soil particles were too fine for the current dewatering regime. Upon landowner permission, sediment was observed approximately 25 feet within an upland area and 100 feet of W-IJ103. Bore activities were immediately shut down, sediment removed, and stabilization occurred within the required timeframe. On 1/14/2024 and 1/15/2024, pre-treatment settling pits were constructed and dewatering facilities were reconstructed. An Agency Compliance Form (Problem Area Report #815) was submitted by the Spread H LEI on 1/15/2024. The Environmental Auditor conducted a site evaluation on 1/17/2024 and observed the pre-treatment structures/dewatering facilities installed and no bore activities occurring. No off right of way or environmental resource impacts were observed at the time of the evaluation. Based on a conversation with the Spread H Environmental inspection staff, additional advanced treatment units were being delivered to the project.



LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
1/6/2024	Bottom Creek Road	1	A third party complaint was observed on 1/6/2024 and received by the VADEQ on 1/8/2024 (Pollution Investigation Report_IR #312077). The complainant alleged "Sediment noted in stream s-st9b, w-ef86". On 1/8/2024, the Environmental Auditor conducted an evaluation of the right of way at the S-ST9B/W-EF86 location and observed the ESC measures installed and functional at the time of the evaluation. However, due to saturated conditions, turbid water was observed flowing from underneath the W-EF86 temporary matting and limited to a small onsite area. No impacts were observed within S-ST9B at the time of the evaluation. Based on communication with the Spread H LEI, traffic would be limited until site conditions permit the temporary mats to be replaced/upgraded. Per the daily MVP Punchlist, the wetland matting was replaced/upgraded on 1/11/2024 via an extension request approved by the VADEQ. Per the VADEQ website, formal Closure remains pending.
1/8/2024	MVP-RO-287	1	A landowner complaint was filed with the VADEQ on 1/8/2024 (Pollution Investigation Report_IR #312092). The complainant alleged "Black fence is buckled" "next to spring box" and requested the silt fence to be replaced. Based on communication with the Spread H LEI and reviewing the SWPPP VSIRs no compliance issues or impacts to environmental resources were observed. Per the Closure section of the IR on 1/12/2024, the VADEQ concluded the ESC measures were observed to be in place and good condition, no stream impacts, and no compliance issues observed.
1/9/2024	Lafayette Road	1	A third party complaint was filed with the VADEQ on 1/9/2024 (Pollution Investigation Report_IR #312109). The complainant alleged "Sediment laden water leaving MVP worksite and entering into Roanoke River". Based on communication with the Spread H LEI and reviewing the SWPPP VSIRs no compliance issues or impacts to S-NN16 (Roanoke River) were observed. The Environmental Auditor conducted a site evaluation on 1/16/2024 and observed the ESC measures (including dewatering facility) installed and functional and no impacts to S-NN16 at the time of the evaluation. Per the Closure section of the IR on 1/11/2024, the VADEQ concluded the ESC measures were observed to be in place, properly functioning, and no compliance issues were observed.
1/9/2024	MVP-RO-287	2	A landowner complaint was filed with the VADEQ on 1/9/2024 (Pollution Investigation Report_IR #312113). The complainant alleged "Muddy, sediment water running out of a large pool in workspace into sy-7" and "water bleeding under the super silt fence" causing a plume of sediment into the stream. Based on communication with the Spread H LEI and reviewing the SWPPP VSIRs/daily MVP Punchlists, routine maintenance items were observed by the EI and the VADEQ on 1/9/2024 and 1/10/2024, respectively and completed within the required timeframe(s). It should be noted that a precipitation event with intervals of high intensity/short duration rainfall occurred on 1/9/2024. The punchlist items were addressed within the required time and no impacts to environmental resources were observed. The Environmental Auditor conducted a site evaluation on 1/17/2024 and observed the ESC measures installed/functional and no impacts to environmental resources were observed at the time of the evaluation. Per the VADEQ website, formal Closure remains pending.
1/9/2024	MVP-RO-287	1	A landowner complaint was filed with the VADEQ on 1/9/2024 (Pollution Investigation Report_IR #312114). The complainant alleged "Flooding of timber mat bridge" on MVP-RO-287 at the S-Z17 stream crossing. It should be noted that a precipitation event with intervals of high intensity/short duration rainfall occurred on 1/9/2024. This is an existing stream crossing with culverts installed prior to the project. Per the Closure section of the IR on 1/12/2024, the VADEQ concluded the flooding subsided, the ESC measures were observed in good condition, and no compliance issues were observed.
1/9/2024	Cahas Mountain Road #1	1	A third party complaint was filed with the VADEQ on 1/9/2024 (Pollution Investigation Report_IR #312116). The complainant alleged "Lots of muddy water escaping from ROW" east of the pipeline crossing. Based on communication with the Spread H LEI, an off right of way sediment impact within an upland location occurred at Cahas Mountain Road #1 due to a precipitation event with intervals of high intensity/short duration rainfall on 1/9/2024. The ESC measures became overwhelmed causing sediment to travel approximately 25 feet off right of way. The off right of way impact was observed by the VADEQ on 1/10/2024 and added to the daily MVP Punchlist. Based on review of the Agency Compliance Form (PAR #797), off right of way sediment was retrieved, the area stabilized on 1/10/2024, and final ESC measures repairs/enhancements were completed on 1/11/2024. Per the VADEQ website, formal Closure remains pending.
1/9/2024	Bottom Creek Road	1	A third party complaint was observed on 1/9/2024 and received by the VADEQ on 1/10/2024 (Pollution Investigation Report_IR #312124). The complainant alleged "sediment leaving MVP ROW into wetlands and tributary to Mill Creek". It should be noted that a precipitation event with intervals of high intensity/short duration rainfall occurred on 1/9/2024. Based on communication with the Spread H LEI, and review of the SWPPP VSIRs/daily MVP Punchlist (1/10/2024), minor routine repair/maintenance items were identified and addressed within the required timeframe. No impacts to environmental resources were observed. Per the VADEQ website, formal Closure remains pending.
1/10/2024	MVP-MN-278.01/Yellow Finch Road	1	A third party complaint was observed on 1/9/2024 and received by the VADEQ on 1/10/2024 (Pollution Investigation Report_IR #312129). The complainant alleged "Lots of sediment leaving MVP worksite and settling into the wetlands on both sides of the temp rd. built over the wetlands and tributary (W-EF5/S-EF20a)". Based on communication with the Spread H LEI and reviewing the SWPPP VSIRs, no compliance issues or impacts to environmental resources were observed. The Environmental Auditor conducted a site evaluation on 1/16/2024 and observed temporary bridge maintenance occurring, the ESC measures installed and functional, and no impacts to S-EF20a/W-EF5 at the time of the evaluation. Per the Closure section of the IR on 1/12/2024, the VADEQ concluded the ESC measures were observed to be in place, properly functioning, and no compliance issues were observed.
1/11/2024	Lafayette Road	1	A third party complaint was filed with the VADEQ on 1/11/2024 (Pollution Investigation Report_IR #312202). The complainant alleged "MVP sediment water leaving worksite, moving across Lafayette Rd and entering the Rke (Roanoke) River". Based on communication with the Spread H LEI and reviewing the SWPPP VSIRs, no compliance issues or impacts to S-NN16 (Roanoke River) were observed. The Environmental Auditor conducted a site evaluation on 1/16/2024 and observed the ESC measures (including dewatering facility) installed and functional and no impacts to S-NN16 at the time of the evaluation. Per the Closure section of the IR on 1/12/2024, the VADEQ concluded the ESC measures were observed to be in place, properly functioning, and no compliance issues were observed.

1/12/2024	Bottom Creek Road	1	A third party complaint was filed with the VADEQ on 1/12/2024 (Pollution Investigation Report_IR #312245). The complainant alleged "Extremely muddy water downstream of MVP construction". It should be noted that a precipitation event with intervals of high intensity/short duration rainfall occurred on 1/9/2024 causing many streams to rise due to the volume of runoff and natural turbidity levels within streams extended a few days after the precipitation event. The location of the complainant's observation via the provided GPS coordinates is where Bottom Creek flows under Bottom Creek Road which is approximately 1.5 to 2 miles west/southwest of the MVP project area. Based on communication with the Spread H LEI and reviewing the SWPPP VSIRs, no compliance issues or impacts to environmental resources within the Bottom Creek watershed (MVP-RO-280 through MVP-RO-283) were observed. Per the VADEQ website, formal Closure remains pending.
1/12/2024	MVP-RO-287	1	A landowner complaint was filed with the VADEQ on 1/12/2024 (Pollution Investigation Report_IR #31250). The complainant alleged "Completely overwhelmed silt fences" near resources. The complainant is also concerned that the current site conditions (in active construction) and the ESC measures regime could cause impacts to environmental resources and requested specific additional measures be installed. Based on communication with the Spread H LEI and reviewing the SWPPP VSIRs/daily MVP Punchlists, routine maintenance items were observed by the EI and completed within the required timeframe(s). The Environmental Auditor conducted a site evaluation on 1/17/2024 and observed the ESC measures installed/functional and no impacts to environmental resources at the time of the evaluation. Per the Closure section of the IR on 1/18/2024, the VADEQ concluded the ESC measures were observed to be in place, properly functioning, and no compliance issues were observed.
1/12/2024	MVP-RO-281 through MVP-RO-283	1	A third party complaint was filed with the VADEQ on 1/12/2024 (Pollution Investigation Report_IR #312253). The complainant alleged "Sedimentation/Runoff Bottom Creek". Based on communication with the Spread H LEI and reviewing the daily MVP Punchlists, a routine temporary bridge item was observed by the EI at MVP-RO-283 on 1/11/2024 and addressed on 1/12/2024. Per the VADEQ website, formal Closure remains pending.

**ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS**

DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS
1/8/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-281.02 (GAS), MVP-RO-283 (CIS/GAS), Bottom Creek Road (GAS), and MVP-RO-286 (GAS).	The Environmental Auditor observed locations where the ESC and 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 frequent cleaning at temporary bridge crossings as needed throughout the day, conduct temporary bridge/matting repairs/replacement, and ESC/Pollution Prevention repairs/maintenance.
1/16/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-278.01, MVP-MN-279 (GAS), Lafayette Road (CIS), and MVP-PY-006.	The Environmental Auditor observed locations where the ESC and Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor conducted an evaluation at MVP-MN-278.01 as a follow-up to an environmental resource impact at S-EF20a per the EIs observation on 1/15/2024. The Environmental Auditor observed the temporary bridge crossing at S-EF20a/W-EF5 being replaced at the time of the evaluation. No impacts to environmental resources were observed at the time of the evaluation.
1/17/2024	The Environmental Auditor conducted site evaluations at MVP-RO-283 (CIS/GAS) and MVP-RO-287 (CIS/GAS).	The Environmental Auditor observed locations where the ESC and Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor evaluated the dewatering activities at MVP-RO-283 and observed the dewatering facilities reconstructed and two pretreatment structures installed at the time of the evaluation. Based on conversations with the onsite EI and Spread H LEI, the Environmental Auditor was informed that additional advanced treatment units with carbon filters were being delivered to the project area. No impacts to environmental resources were observed at the time of the evaluation.
1/8/2024 through 1/21/2024	<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 regarding observations related to SWPPP VSIR documentation.</p> <p>Refer to Findings and Conclusions regarding lack of maintenance at a temporary bridge crossing resulting in an environmental resource impact at S-EF20a.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 1/19/2024 regarding the Bi-Weekly reporting period Bi-Weekly reporting period ending on 1/21/2024. The Environmental Auditor recommended the following: repairing erosion (rills/gullies) prior to conducting restabilizing activities, installing soil stabilization blanket (SSB) at locations where straw/hydraulic mulch are not applicable due to flow conditions, monitor/maintain waterbar end sumps where ice forms on accumulated water potentially reducing capacity especially with upcoming forecasted rainfall events, and reviewing daily MVP Punchlists and SWPPP VSIRs to ensure documentation is thorough and consistent.</p>	<p>The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring and conducting enhancements as needed throughout the Spread H project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector (LEI), Assistant LEI, 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/AC to ensure SWPPP VSIR documentation is thorough and accurate.</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?	No	On 1/15/2024, the EI observed a small soil pile underneath the S-EF20a temporary bridge crossing while conducting a SWPPP inspection. Based on the inspection, it appeared that over a period of time soil migrated through a hole in the temporary bridge then through a hole torn in the geotextile fabric by construction traffic. The VADEQ was immediately notified, the bridge was dismantled, deposited soil removed from the streambed, and the temporary bridge was reconstructed and enhanced within the required timeframe. An Agency Compliance Form (Noncompliance Report #820) was submitted by the EI on 1/15/2024.
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes	

Report Period Ending: 2/4/2021  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 36 conducted from 1/22/2024 through 2/4/2024 (includes PY-006)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 1/22/2024 through 2/4/2024 (includes Carry Over Items from 1/21/2024): 99											
Total Number of ODCP Inspections at Laydown Yard PY-006: 6 (1/22/2024 through 1/27/2024); 7 (1/29/2024 through 2/4/2024)											
Total Number of VA DEQ Observations from 1/22/2024 through 2/4/2024: 0											
Total Number of Landowner/Third Party Reported Complaints: 3 (1. A landowner complaint was filed with the VADEQ on 1/22/2024 (Pollution Investigation Report_IR #312365). The complainant alleged current construction activities and trench dewatering related to tie in activities "threatens wetlands and streams" and "the drinking water resource" from a nearby spring box. Per the Closure section of the IR on 1/26/2024, the VADEQ concluded no compliance issues were observed. 2. A third party complaint was observed on 1/22/2024 and received by the VADEQ on 1/23/2024 (Pollution Investigation Report_IR #312383). The complainant alleged the "MVP work site" caused elevated turbidity readings within the North Fork of the Roanoke River were observed using a "Secchi Tube" downstream from the MVP project location (S-G36). Per the Closure section of the IR on 1/26/2024, the VADEQ concluded no compliance issues were observed. 3. A landowner complaint was filed with the VADEQ on 1/23/2024 (Pollution Investigation Report_IR #312392). The complainant alleged "they (MVP contractor) are encroaching on spring box standing inside the sensitive area and moving/removing poles". Per the Closure section of the IR on 1/26/2024, the VADEQ concluded no compliance issues were observed). Refer to Third Party/Landowner Reported Complaints and Environmental Auditor Field Observations and Recommendations for further discussion.											
1. Per the Closure section of the VADEQ Pollution Investigation Report #312077 dated 1/23/2024 based on a third party complaint received by the VADEQ on 1/8/2024, the VADEQ concluded no compliance issues were observed. 2. Per the Closure section of the VADEQ Pollution Investigation Report #312113 dated 1/25/2024 based on a third party complaint received by the VADEQ on 1/9/2024, the VADEQ concluded no compliance issues were observed. 3. Per the Closure section of the VADEQ Pollution Investigation Report #312124 dated 1/30/2024 based on a third party complaint received by the VADEQ on 1/10/2024, the VADEQ concluded no compliance issues were observed. 4. Per the Closure section of the VADEQ Pollution Investigation Report #312245 dated 1/30/2024 based on a third party complaint received by the VADEQ on 1/12/2024, the VADEQ concluded no compliance issues were observed. 5. Per the Closure section of the VADEQ Pollution Investigation Report #312253 dated 1/30/2024 based on a third party complaint received by the VADEQ on 1/12/2024, the VADEQ concluded no compliance issues were observed.											
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: 4 (1. On 1/23/2024, the EI observed a sediment impact to W-IJ103 at MVP-RO-283. Due to saturated and freeze/thaw conditions, sediment laden water flowed through the walls of pre-treatment structures, overwhelmed the perimeter sediment controls, and impacted W-IJ103. Pumping activities were immediately halted. The VADEQ was immediately notified, landowner access granted, sediment retrieved, and the impacted area stabilized. The pre treatment facilities were backfilled and two holding tanks were installed. The Spread H LEI submitted an Agency Compliance Form (Problem Area Report #824) on 1/23/2024. 2. On 1/28/2024, the EI observed an environmental resource sediment/debris impact at S-G39 (MVP-MN-268.01). A precipitation event with intervals of high intensity rainfall occurred from 1/27/2024 into early 1/28/2024 and produced approximately 1.5 inches of rainfall in 11 hours. This event coupled with existing saturated conditions caused a timber mat retaining wall to fail resulting in soil and debris to slide into a portion of S-G39. The VADEQ was immediately notified, landowner permission granted, off right of way sediment removed, the area stabilized, and the ESC measures repaired/enhanced within the required timeframe. A Courtesy Notice of Force Majeure Declaration was submitted to the VADEQ on 2/1/2024. 3. On 1/29/2024, the EI observed an environmental resource sediment impact at S-EF19 (MVP-MN-278.01). A precipitation event with intervals of high intensity rainfall occurred from 1/27/2024 into early 1/28/2024 and produced approximately 1.0 inches of rainfall in 11 hours. This event coupled with existing saturated conditions caused a waterbar to slough resulting in sediment deposition within S-IJ19. The VADEQ was immediately notified, landowner permission granted, off right of way sediment removed, the area stabilized, and the ESC measures repaired/enhanced within the required timeframe. A Courtesy Notice of Force Majeure Declaration was submitted to the VADEQ on 2/1/2024. 4. On 1/31/2024, the EI observed sediment laden runoff impacting S-11. Pounded water from the lake tank area at MVP-ATWS-1566 was flowing down the access and construction traffic travelling through the muddy area caused sediment laden runoff to flow through the properly installed ESC measures resulting in an impact at S-11 adjacent to Cove Hollow Road. Construction traffic was immediately halted, the VADEQ notified, and enhanced ESC/runoff measures were installed. Based on communication with the Spread H LEI, the VADEQ inspected the impacted area and noted the ESC measures properly installed, enhanced, and functional and no sediment deposition was observed within S-11. It should be noted that this observation was not included in the daily MVP Punchlist). Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations for further discussion.											
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0											
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 1/22/2024 through 2/4/2024.											
CARRY OVER ITEMS FROM 1/21/2024											
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, 9/16, 10/17, 11/17, and 12/16/2023 2024 1/17/2024 to be completed on 2/17/2024			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.
1/20/2024		1					1			1 on 1/23/2024	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
1/22/2024		8					8			2 on 1/22/2024 5 on 1/23/2024 1 on 1/25/2024	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/23/2024		7	1				7 (includes environmental resource impact)		1 on 1/23/2024	1 on 1/23/2024 5 on 1/24/2024	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was a sediment impact at W-IJ103 due to dewatering activities. During the dewatering activities pumped water flowed into constructed pre settling facilities. Due to saturated and freeze/thaw conditions, sediment laden water flowed through the walls of the facilities, overwhelmed the perimeter sediment controls, and subsequently impacting W-IJ103. Pumping activities were immediately halted. The VADEQ was immediately notified, landowner access granted, sediment retrieved, and the impacted area stabilized. The pre treatment facilities were backfilled and two holding tanks were installed. The Spread H LEI submitted an Agency Compliance Form (Problem Area Report #824). The Environmental Auditor conducted as site evaluation on 1/25/2024 and observed the ESC measures repaired/maintained and the dewatering facilities properly installed. No dewatering was occurring at the time of the evaluation.
1/24/2024		11					11		2 on 1/24/2024	1 on 1/24/2024 2 on 1/25/2024 6 on 1/26/2024	Eleven items were 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
1/22/2024	MVP-RO-287	1	A landowner complaint was filed with the VADEQ on 1/22/2024 (Pollution Investigation Report_IR #312365). The complainant alleged current construction activities and trench dewatering related to tie in activities "threatens wetlands and streams" and "the drinking water resource" from a nearby spring box. The Environmental Auditor conducted a site evaluation on 1/22/2024 and observed the ESC measures installed and functional and no impacts to environmental resources at the time of the evaluation. Per the Closure section of the IR on 1/26/2024, the VADEQ concluded the ESC measures were observed to be in place, functioning properly, no stream or wetland impacts, and no compliance issues were observed.
1/22/2024	Catawba Road	1	A third party complaint was observed on 1/22/2024 and received by the VADEQ on 1/23/2024 (Pollution Investigation Report_IR #312383). The complainant alleged the "MVP work site" caused elevated turbidity readings within the North Fork of the Roanoke River were observed using a "Secchi Tube" downstream from the MVP project location (S-G36). Based on communication with the Spread H LEI and reviewing the SWPPP VSIRs, no compliance issues or impacts to environmental resources were observed. The Environmental Auditor conducted a site evaluation on 1/30/2024 and observed no construction activities near S-G36, ESC/SWM measures installed and functional, and the water flowing clear within S-G36 at the time of the evaluation. Per the Closure section of the IR on 1/26/2024, the VADEQ concluded the ESC measures were observed to be in place, functioning properly, S-G36 (North Fork Roanoke River) flowing clear, no project related construction activity in the area, and no compliance issues were observed.
1/23/2024	MVP-RO-287	1	A landowner complaint was filed with the VADEQ on 1/23/2024 (Pollution Investigation Report_IR #312392). The complainant alleged "they (MVP contractor) are encroaching on spring box standing inside the sensitive area and moving/removing poles". Based on communication with the Spread H LEI and reviewing the SWPPP VSIRs, no compliance issues or impacts to environmental resources were observed. Per the Closure section of the IR on 1/26/2024, the VADEQ concluded the ESC measures were observed to be in place, functioning properly, no resource impacts, and no compliance issues were observed.
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
1/22/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-283 (CIS/GAS), Bottom Creek Road (GAS), and MVP-RO-287 (CIS/GAS).	The Environmental Auditor observed locations where the ESC and Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor evaluated the dewatering activities at MVP-RO-283 and observed the dewatering facilities and two pretreatment structures installed at the time of the evaluation. Additional advanced treatment systems were observed being setup 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 related to ESC measures repair/maintenance.	
1/25/2024	The Environmental Auditor conducted site evaluations at the following locations: Cahas Mountain Road #1 (CIS/GAS), MVP-FR-292 (CIS), US Highway 221 (CIS/GAS), and MVP-RO-283 (CIS).	The Environmental Auditor observed locations where the ESC/SWM and Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor evaluated the dewatering activities at MVP-RO-283 and observed the dewatering facilities and two pretreatment tanks properly installed at the time of the evaluation. Additional advanced treatment systems were also observed. No dewatering activities were occurring at the time of the evaluation. The Environmental Auditor evaluated the off right of way impact area identified by the VADEQ on 1/10/2024 following a heavy precipitation event that occurred on 1/9/2024. The Environmental Auditor observed ESC measures properly installed, functional, enhanced, the off right of way sediment retrieved and the area stabilized.	
1/30/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-268.01 (CIS/GAS), MVP-MN-270 (CIS/GAS), MVP-MN-270.01 (CIS), Flatwoods Road (CIS/GAS), and Bradshaw Road (GAS).	The Environmental Auditor observed locations where the ESC/SWM and 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 related to ESC measures repair/maintenance. The Environmental Auditor evaluated S-G39 where an environmental resource impact was observed by the EI on 1/28/2024 due to rainfall and freeze/thaw conditions caused the slope to slough and overwhelm ESC measures. Maintenance activities were occurring at the time of the evaluation.	
1/31/2024	The Environmental Auditor conducted a site evaluation at MVP-RO-283 (CIS).	The Environmental Auditor observed locations where the ESC and Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor evaluated the dewatering activities at MVP-RO-283 and observed the dewatering facilities and advanced treatment systems installed at the time of the evaluation. No dewatering activities were occurring and no off right of way or environmental resource impacts were observed at the time of the evaluation. A portion of W-IJ103 exhibited mildly cloudy water which appeared to be due to native soil intrusion via groundwater/piping and residual sediment within the wetland. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations related to installing additional/enhanced ESC measures to control the muddy conditions within the travel lane.	
1/22/2024 through 2/4/2024	<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 regarding observations related to SWPPP VSIR documentation.</p> <p>On 1/30/2024, the EI and FERC inspector observed turbidity within W-IJ103 at MVP-RO-283. During the inspection, dewatering activities were occurring and the water discharged from the dewatering facilities was observed flowing clear off right of way. Immediately upslope from W-IJ103 flowing water from the subsurface was observed discharging near a tree with exposed roots. The groundwater water flowing from underground was sediment laden with native soil deposition into the portion of W-IJ103 where turbidity was observed. On 1/31/2024, the Environmental Auditor met with the Spread H Assistant LEI and evaluated the dewatering facilities and the area just above W-IJ03 and observed the same conditions previously noted. Based on subsequent communication with the Spread H LEI, the VADEQ inspected this location and did not observe any recent impacts related to dewatering activities. All dewatering operations within that location have been suspended and a revised dewatering plan will be implemented. The revised dewatering plan will pump water approximately 4,400 feet to enhanced treatment facilities at MVP-RO-282 then to an upland area between MVP-RO-283 and MVP-RO-282 where dewatering facilities will discharge to an upland area.</p> <p>On 1/31/2024, the EI observed sediment laden runoff impacting S-11 west of Cove Hollow Road. Pondered water from the lake tank area at MVP-ATWS-1566 was flowing down the access and construction traffic travelling through the muddy area caused sediment laden runoff to flow through the properly installed ESC measures resulting in an impact at S-11 adjacent to Cove Hollow Road. Construction traffic was immediately halted, the VADEQ notified, and enhanced ESC/runoff measures were installed. Based on communication with the Spread H LEI, the VADEQ inspected the impacted area and noted the ESC measures properly installed, enhanced, and functional and no sediment deposition was observed within S-11. It should be noted that this observation was not included in the daily MVP Punchlist.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 1/31/2024 regarding the Bi-Weekly reporting period ending on 2/4/2024 and requested all documentation be reviewed for consistency prior to submission.</p>	<p>The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring and conducting enhancements as needed throughout the Spread H project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector (LEI), Assistant LEI, 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>	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

Report Period Ending: 2/18/2021  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: **34** conducted from 2/5/2024 through 2/18/2024 (includes PY-006)

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 2/5/2024 through 2/18/2024 (includes Carry Over Items from 2/4/2024): **83**

Total Number of ODCP Inspections at Laydown Yard PY-006: **7** (2/5/2024 through 2/11/2024); **7** (2/12/2024 through 2/18/2024)

Total Number of VA DEQ Observations from 2/5/2024 through 2/18/2024: **1**

Total Number of Landowner/Third Party Reported Complaints: **2** (1. A landowner complaint was filed with the VADEQ on 2/14/2024 (Pollution Investigation Report\_IR #312684). The complainant alleged "unknown white powder substance on LOD" being mixed into the soil. Per the Closure section of the IR on 2/16/2024, the VADEQ concluded the quicklime was applied in accordance per the VADEQ requirements and no compliance issues were observed. 2. A third party complaint was filed with the VADEQ on 2/14/2024 (Pollution Investigation Report\_IR #312695). The complainant alleged "Sediment in stream S-IJ12". Based on communication with the Spread H LEI, the VADEQ conducted a site inspection on 2/15/2024 and observed no impacts to S-IJ12. Per the VADEQ website, formal Closure remains pending). **Refer to Landowner/Third Party Reported Complaints below for further discussion.**

**Per the Closure section of the VADEQ Pollution Investigation Report #312116 dated 2/5/2024 based on a third party complaint received by the VADEQ on 1/9/2024, the VADEQ concluded that E&S control measures in need of maintenance were repaired within the specified timeframes and no compliance issues were observed.**

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: **1** (An off right of way sediment impact within an upland area was observed by the Environmental Auditor on 2/13/2024 as a result of a precipitation event with intervals of high intensity rainfall that occurred on late 2/12/2024. Based on the rain gauge data, the precipitation event produced approximately 0.7 inches of rainfall in 3 hours causing ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repair/maintained, sediment removed, and stabilization occurred within the required timeframe. No environmental resource impacts occurred). **Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations for further discussion.**

Total Number of Environmental Resource Impacts: **3** (1. and 2. On 2/13/2024, the EI observed sediment impacts within S-GH14 and S-GH15 as a result of a precipitation event with intervals of high intensity rainfall that occurred late on 2/12/2024. Based on the rain gauge data, the precipitation event produced approximately 1.3 inches of rainfall in 3 hours causing the streambanks to slough. The VADEQ was immediately notified, SSB reinstalled on the S-GH14 streambank, and sediment removed from both streambeds within the required timeframe. Due to the streambank instability at both streams and a sudden change in the S-GH15 streambed gradient, engineered plans are being developed to provide permanent solutions. A Courtesy Notice Force Majeure Declaration was submitted to the VADEQ on 2/18/2024. 3. On 2/16/2024, the EI observed a sediment impact within S-G39 as a result of a precipitation event with intervals of high intensity rainfall that occurred late on 2/12/2024 coupled with long term streambank instability that includes third party earth disturbance activities prior to construction in 2018. Based on the rain gauge data, the precipitation event produced approximately 0.7 inches of rainfall in 3 hours causing the streambank to bulge eventually overwhelming ESC measures on 2/16/2024. The VADEQ was immediately notified, temporary enhanced ESC measures installed on the streambank, and sediment removed from the streambed within the required timeframe. Once the temporary bridge crossing is removed, permanent long term measures will be installed. A Courtesy Notice Force Majeure Declaration was submitted to the VADEQ on 2/18/2024). **Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations for further discussion.**

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

**Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 2/5/2024 through 2/18/2024.**

CARRY OVER ITEMS FROM 2/4/2024

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, 9/16, 10/17, 11/17, and 12/16/2023 2024 1/17 and 2/17/2024 to be completed on 3/17/2024			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.
2/2/2024		4					4	1 on 2/5/2024 to be completed on 2/8/2024		3 on 2/5/2024 1 on 2/8/2024	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. One item received 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
2/6/2024		7					7			1 on 2/6/2024 4 on 2/7/2024 2 on 2/8/2024	Seven items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
2/7/2024		1					1			1 on 2/8/2024	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
2/8/2024		3					3			3 on 2/8/2024	Three items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
2/9/2024		5					5			5 on 2/10/2024	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/12/2024		15					15	1 on 2/15/2024 (72 Hours) to be completed on 2/18/2024		11 on 2/13/2024 1 on 2/14/2024 2 on 2/15/2024 1 on 2/18/2024 (Ext. Request)	Fifteen items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
2/13/2024	0.5"-1.3" - 3 Hours *Scattered light showers developed into steady rainfall with intervals of high intensity precipitation on late 2/12/2024	26		1			26 (includes off right of way impact)		3 on 2/14/2024	5 on 2/13/2024 10 on 2/14/2024 3 on 2/15/2024 5 on 2/16/2024	Twenty-six items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe. One of the items (observed by the Environmental Auditor) was an off right of way sediment impact approximately 5 feet within an upland area. A precipitation event with a period of high intensity rainfall occurred on late 2/12/2024. This event caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, sediment removed, and stabilization occurred within the required timeframe.
2/14/2024		11	2				11 (includes environmental resource impacts)		2 on 2/15/2024	9 on 2/15/2024	Eleven items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the items were environmental resource impacts at S-GH14 and S-GH15. A precipitation event with a period of high intensity rainfall occurred late on 2/12/2024. This event caused the streambanks to slough at S-GH14 and the material remained within the right of way. The VADEQ was immediately notified, deposited sediment removed and soil stabilization blanket (SSB) was reinstalled as a temporary measure on the S-GH14 streambank. Due to extensive undercutting at S-GH15, the streambank could not be permanently repaired; however, temporary ESC measures were installed in the interim. Remediation plans are being developed for S-GH14 and S-GH15 to provide effective permanent stabilization measures. Due to a sudden drop in streambed elevation in S-GH15, the remediation plan will also address enhanced channel stabilization measures for this stream. The Spread H LEI submitted Agency Compliance Reports (Problem Area Reports #891 and #892) on 2/14/2024. A Courtesy Notice Force Majeure Declaration was submitted to the VADEQ on 2/18/2024. The Environmental Auditor conducted a site evaluation at both streams on 2/16/2024 and observed the sediment removed from the streambeds and SSB reinstalled on the S-GH14 streambank. At the time of the evaluation, the contractor was mobilizing to reconstruct temporary bridges at S-GH14 and S-GH15.
2/15/2024		3					3			1 on 2/15/2024 2 on 2/16/2024	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/16/2024		5	1				5 (includes environmental resource impact)		1 on 2/17/2024	1 on 2/17/2024 3 on 2/18/2024	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the items was an environmental resource impact at S-G39. A precipitation event with a period of high intensity rainfall occurred on late 2/12/2023. This event coupled with long term streambank stability issues including landowner earthmoving activities prior to construction commencing in 2018 caused the streambank to bulge on 2/15/2024 eventually overwhelming the ESC measures on 2/16/2024. Approximately 10-12 feet of stream channel was impacted within the right of way limits. The VADEQ was immediately notified, a temporary flume pipe installed to maintain channel flow while the contractor removed the sediment and installed enhanced ESC measures within the required timeframe. Permanent restoration measures will be installed once the temporary bridge crossing is removed. The Spread H LEI submitted an Agency Compliance Form (Problem Area Report #893) on 2/16/2024. A Courtesy Notice Force Majeure Declaration was submitted to the VADEQ on 2/18/2024.
2/18/2024		2					2		1 on 2/18/2024		Two items were identified requiring ESC/Pollution Prevention repair/maintenance and one items was completed within the required timeframe. <b>The remaining item has 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
2/17/2024		1					1			1 on 2/18/2024	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	
2/14/2024	MVP-RO-287						1			A landowner complaint was filed with the VADEQ on 2/14/2024 (Pollution Investigation Report_IR #312684). The complainant alleged "unknown white powder substance on LOD" being mixed into the soil. Based on communication with the Spread H LEI, quicklime was applied to the soil in accordance with approved methods as a drying agent due to the saturated conditions. Per the Closure section of the IR on 2/16/2024, the VADEQ concluded the quicklime was applied in accordance per the VADEQ requirements and no compliance issues were observed.	
2/14/2024	Bottom Creek Road						1			A third party complaint was filed with the VADEQ on 2/14/2024 (Pollution Investigation Report_IR #312695). The complainant alleged "Sediment in stream S-IJ12". Based on communication with the Spread H LEI, the VADEQ conducted a site inspection on 2/15/2024 and observed no impacts to S-IJ12. It should be noted that the Environmental Auditor conducted a site evaluation at this location on 2/13/2024 prior to a rainfall event and observed the ESC measures installed and functional at and above S-IJ12 and no impacts to environmental resources at the time of the evaluation. Per the VADEQ website, formal Closure remains pending.	

**ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS**

DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS
2/7/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-278.01, Cove Hollow Road/MVP-ATWS-1566, Honeysuckle Road (CIS), and MVP-RO-287 (CIS/GAS).	The Environmental Auditor observed locations where the ESC and Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor evaluated MVP-ATWS-1566 where a contractor related environmental resource impact at S-11 was observed by the EI on 2/1/2024. The Environmental Auditor observed most ESC measures installed/enhanced and communicated with the Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations related to proper installation of ESC measures and installation of enhanced BMPs where off right of way turbidity was observed from a swale constructed near the lake tank at Cove Hollow Road.
2/13/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-282 (GAS), Bottom Creek Road (CIS/GAS), MVP-RO-286 (CIS/GAS), MVP-RO-288 (CIS/GAS), and MVP-RO-287 (CIS/GAS).	The Environmental Auditor observed locations where the ESC and 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 related to ESC measures repair/maintenance and conducting temporary stabilization activities throughout non active areas of the right of way per the ESC Plan timeframe requirements. The Environmental Auditor observed an off right of way impact within an upland area at MVP-RO-288 and immediately communicated this observation to the Spread H LEI, Chief EI, and MVP Environmental staff.
2/16/2024	The Environmental Auditor conducted a site evaluation at Wades Gap Road (GAS).	The Environmental Auditor observed locations where the ESC/SWM measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor evaluated S-GH14 and S-GH15 where a precipitation event on 2/12/2024 caused the streambanks to slough and undermine, respectively resulting in sediment deposition within the streams. The sediment was removed from both streams and the stream bank at S-GH14 was restabilized. The undercut streambank at S-GH15 is under engineer review as long term scour mitigation measures will be implemented. In the interim, additional ESC measures have been installed at and above S-GH15.
2/5/2024 through 2/18/2024	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 2/15/2024 regarding the Bi-Weekly reporting period ending on 2/18/2024. The Environmental Auditor provided the following technical and administrative recommendations: Monitor compost filter sock and replace where the height becomes compromised when flattened, install soil stabilization blanket (SSB) within waterbar flow paths where erosion is occurring and stabilize areas with effective BMP measures per the Annual Standards and Specifications where continued erosion is occurring, conduct stabilization throughout the right of way based on the required ESC Plan stabilization timeframes, and review SWPPP VISRs to ensure all information is complete and consistent with the daily MVP Punchlists.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring and conducting enhancements as needed throughout the Spread H project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector (LEI), Assistant LEI, 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	



Report Period Ending: 3/3/2024  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: **36** conducted from 2/19/2024 through 3/2/2024 (includes PY-006)  
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 2/19/2024 through 3/2/2024 (includes Carry Over Items from 2/18/2024): **50**  
 Total Number of ODCP Inspections at Laydown Yard PY-006: **6** (2/19/2024 through 2/24/2024); **7** (2/26/2024 through 3/3/2024)  
 Total Number of VA DEQ Observations from 2/19/2024 through 3/2/2024: **1**

Total Number of Landowner/Third Party Reported Complaints: **6** (1. A third party complaint was filed with the VADEQ on 2/28/2024 (Pollution Investigation Report\_IR #312900). The complainant alleged "Sediment from the pipeline ROW continues to pollute the stream on Yellow Finch Lane" from "MVP's workspace above the crossing." On 2/28/2024, the Environmental Auditor conducted a site evaluation immediately following a precipitation event that produced high intensity rainfall. The ESC measures above S-EF20a were installed and functional at the time of the evaluation. The Environmental Auditor observed a tear in the geotextile fabric at the temporary bridge crossing and turbid water flowing in the adjacent wetland (W-EF5). The EI immediately followed up with an inspection and observed slight turbidity within S-EF20a near the temporary bridge crossing and no turbidity immediately downstream of this location. Based on communication with the Spread H LEI, the VADEQ conducted a site inspection on 2/29/2024 and observed no impacts to S-EF20. Per the VADEQ website, formal Closure remains pending). 2. A third party complaint was filed with the VADEQ on 2/28/2024 (Pollution Investigation Report\_IR #312901). The complainant alleged "Sediment from MVP ROW into tributary going to Mill Creek". Based on communication with the Spread H LEI, the VADEQ conducted a site inspection on 2/29/2024 and observed no off right of way or environmental resource impacts from the project area. Per the VADEQ website, formal Closure remains pending. 3. A landowner complaint was filed with the VADEQ on 2/28/2024 (Pollution Investigation Report\_IR #312902). The complainant alleged there were sediment impacts to an existing spring box, S-Y7, and S-Y8 due to MVP construction activities. Based on communication with the Spread H LEI, the EI and VADEQ conducted a site inspection on 2/29/2024 and observed the ESC measures installed and functional and no impacts to the existing spring box, S-Y7, and S-Y8. Per the VADEQ website, formal Closure remains pending. 4. A landowner complaint was observed on 2/28/2024 and received by the VADEQ on 2/29/2024 (Pollution Investigation Report\_IR #312907). The complainant alleged "Sediment leaving the LOD impacting the creek". Based on communication with the Spread H LEI, the EI and VADEQ conducted a site inspection on 2/29/2024 and observed the ESC measures installed and functional and no impacts to environmental resources east and west of MVP-RO-283. Per the VADEQ website, formal Closure remains pending. 5. A third party complaint was observed on 3/1/2024 and received by the VADEQ on 3/2/2024 (Pollution Investigation Report\_IR #312955). The complainant alleged "Muddy sediment from the MVP ROW is once again polluting the creek on Yellow Finch Lane". Based on communication with the Spread H LEI, the EI and VADEQ conducted a site inspection on 3/2/2024 and observed no impacts to S-EF20a and surrounding environmental resources. Per the VADEQ website, formal Closure remains pending. 6. A third party complaint was filed with the VADEQ on 3/3/2024 (Pollution Investigation Report\_IR #312968). The complainant alleged "Dewatering from the bore under the Roanoke River is sending muddy sediment into the river via a culvert underneath Lafayette Road". Based on a site evaluation conducted by the Environmental Auditor on 2/28/2024, the dewatering facilities at this location were observed to be installed and functional with two pretreatment facilities installed as enhanced BMP measures. The water flowing from the facilities to the roadside vegetative ditch and into the existing cross culvert appeared to be clear at the time of the evaluation. Per the VADEQ website, formal Closure remains pending). **Refer to Landowner/Third Party Reported Complaints and Environmental Auditor Field Observations and Recommendations for further discussion.**

Per the Closure section of the VADEQ Pollution Investigation Report #312695 dated 2/23/2024 based on a third party complaint received by the VADEQ on 2/14/2024, the VADEQ concluded no compliance issues were observed.

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: **1** (On 2/28/2024, the Environmental Auditor observed a sediment impact at W-EF5 due to sediment laden water flowing through a tear in the geotextile fabric at the temporary bridge crossing following a high intensity short duration precipitation event. Prior to the precipitation event, the temporary bridge was cleaned. The Environmental Auditor immediately contacted the Spread H LEI, Assistant LEI, and MVP Environmental staff. The VADEQ was immediately notified, the bridge dismantled, and geotextile fabric replaced on 2/29/2024. Based on a follow up inspection conducted by the VADEQ and the EI on 2/29/2024, no sediment deposition was observed within W-EF5 or S-EF20a). **Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations for further discussion.**

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

Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 2/19/2024 through 3/2/2024.

CARRY OVER ITEMS FROM 2/18/2024

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, 9/16, 10/17, 11/17, and 12/16/2023 2024 1/17 and 2/17/2024 to be completed on 3/17/2024			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.
2/18/2024		1					1			1 on 2/20/2024	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
2/19/2024		6					6			6 on 2/20/2024	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/21/2024		2					2			2 on 2/21/2024	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/22/2024		4					4			2 on 2/22/2024 2 on 2/23/2024	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/26/2024		13					13			3 on 2/26/2024 7 on 2/27/2024 3 on 2/29/2024	Thirteen items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
2/27/2024	0.0"-0.3" - 9.5 Hours *Intermittent showers occurred on 2/26/2024	4					4		3 on 2/27/2024	1 on 2/28/2024	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/28/2024	0.0"-0.2" - 8 Hours *Intermittent showers occurred on 2/27/2024	4	1				4 (includes environmental resource impact)		1 on 2/29/2024	3 on 2/28/2024	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items observed by the Environmental Auditor was a sediment impact to W-EF5 due to a tear in the temporary bridge geotextile fabric. A heavy rainfall event caused turbid water ponded on the temporary bridge to flow through the tear in the geotextile fabric impacting W-EF5. Minor turbidity was observed within S-EF20a near the impact location; however, the streamflow was clear immediately downstream. Based on communication with the Spread H LEI and the daily MVP Punchlist, the VADEQ was notified immediately and repairs were completed at the temporary bridge crossing on 2/29/2024. An Agency Compliance Report (Problem Area Report #899) was submitted by the Spread H LEI on 2/28/2024. Based on inspections conducted by the VADEQ and the EI, no sediment deposition was observed within W-EF5 or S-EF20a.
2/29/2024	0.3"-0.8" - 3.5 Hours *Precipitation with an interval of high intensity/short duration rainfall occurred on 2/28/2024	9					9		1 on 2/29/2024	4 on 2/29/2024 4 on 3/1/2024	Nine items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
3/1/2024		6					6			1 on 3/1/2024 5 on 3/2/2024	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
2/29/2024	0.3"-0.8" - 3.5 Hours *Precipitation with an interval of high intensity/short duration rainfall occurred on 2/28/2024	1					1			1 on 3/1/2024	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
2/28/2024	MVP-MN-278.01	1	A third party complaint was filed with the VADEQ on 2/28/2024 (Pollution Investigation Report_IR #312900). The complainant alleged "Sediment from the pipeline ROW continues to pollute the stream on Yellow Finch Lane" from "MVP's workspace above the crossing." On 2/28/2024, the Environmental Auditor conducted an evaluation immediately following a high intensity rainfall event and observed the ESC measures installed and functional below the workspace location. The Environmental Auditor did observe sediment laden water flowing through a tear in the geotextile fabric at the W-EF5/S-EF20a temporary bridge crossing and immediately contacted the Spread H LEI. The EI immediately conducted a site inspection and observed slightly cloudy water within S-EF20a at the bridge crossing location and clear water immediately downstream of the MVP right of way. While conducting an evaluation of the right of way and along the entire access road, the Environmental Auditor did not observe any project related impacts to S-EF20b which crosses the access road near Cove Hollow Road. However, the Environmental Auditor observed high turbidity within S-KL32 flowing into S-EF20b due to upstream third party related activities. The VADEQ conducted a site inspection on 2/29/2024 and observed no sediment deposition within W-EF5 and no impacts to S-EF20a. Per the VADEQ website, formal Closure remains pending.
2/28/2024	Bottom Creek Road	1	A third party complaint was filed with the VADEQ on 2/28/2024 (Pollution Investigation Report_IR #312901). The complainant alleged "Sediment from MVP ROW into tributary going to Mill Creek". Based on communication with the Spread H LEI, the VADEQ conducted a site inspection on 2/29/2024 and observed no off right of way or environmental resource impacts from the project area. The Environmental Auditor also reviewed the SWPPP VISR and it appears the ESC measures were properly installed and functional. Per the VADEQ website, formal Closure remains pending.
2/28/2024	MVP-RO-287	1	A landowner complaint was filed with the VADEQ on 2/28/2024 (Pollution Investigation Report_IR #312902). The complainant alleged there were sediment impacts to an existing spring box, S-Y7, and S-Y8 due to MVP construction activities. The Environmental Auditor conducted a site evaluation at this location on 2/27/2024 and observed the ESC measures installed and functional at the time of the evaluation. Based on communication with the Spread H LEI, the EI and VADEQ conducted a site inspection on 2/29/2024 and observed the ESC measures installed and functional and no impacts to the existing spring box, S-Y7, and S-Y8. Per the VADEQ website, formal Closure remains pending.
2/28/2024	MVP-RO-283	1	A landowner complaint was observed on 2/28/2024 and received by the VADEQ on 2/29/2024 (Pollution Investigation Report_IR #312907). The complainant alleged "Sediment leaving the LOD impacting the creek". Based on communication with the Spread H LEI, the EI and VADEQ conducted a site inspection on 2/29/2024 and observed the ESC measures installed and functional and no impacts to environmental resources east and west of MVP-RO-283. Per the VADEQ website, formal Closure remains pending.
3/1/2024	MVP-MN-278.01	1	A third party complaint was observed on 3/1/2024 and received by the VADEQ on 3/2/2024 (Pollution Investigation Report_IR #312955). The complainant alleged "Muddy sediment from the MVP ROW is once again polluting the creek on Yellow Finch Lane". Based on communication with the Spread H LEI, the EI and VADEQ conducted a site inspection on 3/2/2024 and observed no impacts to S-EF20a and surrounding environmental resources. Per the VADEQ website, formal Closure remains pending.
3/3/2024	Lafayette Road	1	A third party complaint was filed with the VADEQ on 3/3/2024 (Pollution Investigation Report_IR #312968). The complainant alleged "Dewatering from the bore under the Roanoke River is sending muddy sediment into the river via a culvert underneath Lafayette Road". Based on a site evaluation conducted by the Environmental Auditor on 2/28/2024, the dewatering facilities at this location were observed to be installed and functional with two pretreatment facilities installed as enhanced BMP measures. The water flowing from the facilities to the roadside vegetative ditch and into the existing cross culvert appeared to be clear at the time of the evaluation. The Environmental Auditor will conduct a follow up evaluation the week of 3/4/2024. Per the VADEQ website, formal Closure remains pending.

**ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS**

DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS
2/19/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-283 (CIS), Bottom Creek Road (GAS), MVP-FR-291 (CIS/GAS), and MVP-FR-290 (GAS).	The Environmental Auditor observed locations where the ESC/SWM and 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 related to ESC/Pollution Prevention measures repair/maintenance and conducting temporary stabilization per the ESC Plan timeframe requirements.
2/27/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-283 (CIS/GAS), Bottom Creek Road (GAS), MVP-RO-287 (CIS/GAS), and MVP-RO-288 (GAS).	The Environmental Auditor observed locations where the ESC and 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 related to ESC measures repair/maintenance.
2/28/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-268/268.01 (GAS), MVP-MN-272 (CIS/GAS), MVP-MN-278.01, MVP-ATWS-1566, and Lafayette Road (GAS).	The Environmental Auditor observed locations where the ESC/SWM and 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 related to a tear in the geotextile fabric at the temporary bridge crossing causing turbid flow to impact S-EF5.
2/19/2024 through 3/2/2024	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 2/29/2024 regarding the Bi-Weekly reporting period ending on 3/3/2024. The Environmental Auditor provided a reminder to ensure stabilization activities are implemented within the ESC Plan required timeframe.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring and conducting enhancements as needed throughout the Spread H project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector (LEI), Assistant LEI, 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	

Report Period Ending: 3/17/2024  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 34 conducted from 3/4/2024 through 3/17/2024 (includes PY-006)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 3/4/2024 through 3/17/2024 (includes Carry Over Items from 3/3/2024): 27											
Total Number of ODCP Inspections at Laydown Yard PY-006: 7 (3/4/2024 through 3/10/2024); 6 (3/11/2024 through 3/16/2024)											
Total Number of VA DEQ Observations from 3/4/2024 through 3/17/2024: 1											
Total Number of Landowner/Third Party Reported Complaints: 0											
Per the Closure section of the VADEQ Pollution Investigation Reports #312900, #312901 and #312902 dated 3/4/2024 based on a third party/landowner complaints received by the VADEQ on 2/28/2024, the VADEQ concluded no compliance issues were observed. Per the Closure section of the VADEQ Investigation Report #312907 dated 3/4/2024 observed by the landowner on 2/28/2024 and received by the VADEQ on 2/29/2024, the VADEQ concluded no compliance issues were observed. Per the Closure section of the VADEQ Investigation Report #312955 dated 3/4/2024 observed by a third party on 3/1/2024 and received by the VADEQ on 3/2/2024, the VADEQ concluded no compliance issues were observed. Per the Closure section of the VADEQ Investigation Report #312968 dated 3/4/2024 based on a third party complaint received by the VADEQ on 3/3/2024, the VADEQ concluded no compliance issues were observed.											
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 3/4/2024 through 3/17/2024.											
CARRY OVER ITEMS FROM 3/3/2024											
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, 9/16, 10/17, 11/17, and 12/16/2023 2024 1/17, 2/17, and 3/16/2024 to be completed on 4/17/2024			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.
ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
3/4/2024		1					1			1 on 3/4/2024	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
3/6/2024		3					3			3 on 3/6/2024	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/7/2024	0.2"-0.5" - 17 Hours *Rainfall occurred on 3/6/2024	1					1			1 on 3/8/2024	One item was identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
3/10/2024	0.3"-0.9" - 10 Hours *Rainfall occurred on 3/9/2024	3					3			3 on 3/10/2024	Three items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
3/11/2024		5					5			4 on 3/11/2024 1 on 3/12/2024	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/12/2024		5					5			3 on 3/12/2024 1 on 3/13/2024 1 on 3/14/2024	Five items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
3/13/2024		2					2			2 on 3/14/2024	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/14/2024		1					1			1 on 3/14/2024	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
3/15/2024		5					5			3 on 3/15/2024 2 on 3/16/2024	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
3/4/2024		1					1			1 on 3/5/2024	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
<b>ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS</b>			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
3/4/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-276.03 (CIS/GAS), Lafayette Road (CIS/GAS), MVP-MN-279 (GAS), MVP-RO-282 (CIS/GAS), and MVP-RO-283 (CIS/GAS).	The Environmental Auditor observed locations where the ESC/SWM and 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 related to ESC measures repair/maintenance. The Environmental Auditor conducted a follow up inspection at Lafayette Road per a third party complaint filed with the VADEQ on 3/3/2024 (IR #312698) and observed the dewatering facility installed and functional and clear water discharge to and from the existing cross culvert at Lafayette Road. No project related impacts were observed within S-NN16 (Roanoke River) at the time of the evaluation. The Environmental Auditor observed the dewatering advanced treatment facilities at MVP-RO-282 operational and the dewatering facilities installed and functional between MVP-RO-282 and MVP-RO-283.	
3/12/2024	The Environmental Auditor conducted site evaluations at the following locations: Cahas Mountain Road #1 (CIS/GAS), Webster Corner Road (CIS/GAS), MVP-MLV-AR-29 (GAS), and Wades Gap Road (CIS/GAS).	The Environmental Auditor observed locations where the ESC/SWM and 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 an observation related to ESC measures repair/maintenance along an access road.	
3/14/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-279.01 (CIS), MVP-RO-282 (GAS), MVP-RO-283 (CIS), 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 an observation related to ESC/Pollution Prevention measures repair/maintenance.	
3/15/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-FR-292.01 (GAS), MVP-FR-292 (CIS/GAS), and MVP-RO-287 (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, Chief EI, and MVP Environmental staff regarding an observation related to utilizing proper Pollution Prevention secondary containment measures.	
3/4/2024 through 3/17/2024	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 3/13/2024 regarding the Bi-Weekly reporting period ending on 3/17/2024 and Q1 2024 reporting period ending on 3/31/2024. The Environmental Auditor provided a recommendation to ensure all Pollution Prevention secondary containment measures are installed on level grade and immediately repaired/maintained following rainfall events and when damaged during construction.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring and conducting enhancements as needed throughout the Spread H project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector (LEI), Assistant LEI, 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.	
<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: 3/31/2024  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 36 conducted from 3/18/2024 through 3/31/2024 (includes PY-006)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 3/18/2024 through 3/31/2024 (includes Carry Over Items from 3/17/2024): 32											
Total Number of ODCP Inspections at Laydown Yard PY-006: 7 (3/18/2024 through 3/24/2024); 7 (3/25/2024 through 3/31/2024)											
Total Number of VA DEQ Observations from 3/18/2024 through 3/31/2024: 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 3/18/2024 through 3/31/2024.											

CARRY OVER ITEMS FROM 3/17/2024

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, 9/16, 10/17, 11/17, and 12/16/2023 2024 1/17, 2/17, and 3/16/2024 to be completed on 4/17/2024			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.

ENVIRONMENTAL INSPECTOR OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
3/18/2024		1					1			1 on 3/4/2024	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
3/19/2024		4					4			4 on 3/20/2024	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/20/2024		4					4		1 on 3/20/2024	3 on 3/20/2024	Four items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
3/21/2024		6					6		1 on 3/22/2024	5 on 3/22/2024	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/22/2024		4					4			4 on 3/23/2024	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/25/2024		2					2			1 on 3/25/2024 1 on 3/26/2024	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/26/2024		5					5			5 on 3/27/2024	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/27/2024	0.1"-0.3" - 17 Hours *Light showers occurred from 3/26/2024 into early 3/27/2024	2					2			2 on 3/28/2024	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/28/2024		2					2			2 on 3/29/2024	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/29/2024		1					1			1 on 3/30/2024	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
3/27/2024	0.1"-0.3" - 17 Hours *Light showers occurred from 3/26/2024 into early 3/27/2024	1					1			1 on 3/27/2024	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	
3/19/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-278.01 (CIS/GAS), MVP-AR-028 (GAS), Lafayette Road (CIS/GAS), MVP-MN-279 (GAS), and MVP-LY-049.	The Environmental Auditor observed locations where the ESC and 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 related to ESC/Pollution Prevention measures installation and repair/maintenance.	
3/22/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-282 (GAS), MVP-RO-283 (CIS), Bottom Creek Road (GAS), MVP-RO-286 (CIS/GAS), and MVP-RO-287 (CIS/GAS).	The Environmental Auditor observed locations where the ESC and 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 maintenance activities underway in preparation for the upcoming rainfall event.	
3/23/2024	The Environmental Auditor conducted site evaluations at MVP-MN-278.01 (CIS/GAS) and Lafayette Road (CIS/GAS).	The Environmental Auditor conducted site evaluations following a rainfall event and observed locations where the ESC and Pollution Prevention measures appeared to be installed and functional at the time of the evaluation.	
3/18/2024 through 3/31/2024	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 3/27/2024 regarding the Bi-Weekly reporting period and the Q1 2024 reporting period ending on 3/31/2024. The Environmental Auditor provided technical recommendations to monitor and conduct frequent temporary bridge/mat maintenance within active areas of construction and to monitor Pollution Prevention secondary containment measures (including solids) and conduct maintenance throughout the work day and prior to and after rainfall events.	The Environmental Auditor concludes that SWPPP inspections meet inspection timeframe requirements and recommends continued BMP monitoring and conducting enhancements as needed throughout the Spread H project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector (LEI), Assistant LEI, 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.	
<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		



# Mountain Valley Pipeline Project – Spread I

## Environmental Auditor Quarterly Report for Q1 2024

### April 15, 2024

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#### Environmental Auditor Contact Information

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#### 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)
  - Laydown Yards: LY-045/046



Based on coordination with the Spread I Environmental inspection staff, 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+00-13524+00
- 13562+88-13690+71
- 13705\_09-13958+05
- 14010+91-14209+44
- 14368+47-14521+42
- 14531+68-14649+37
- 15017+00-15103+58
- 15119+56-15259+00

It should be noted that there were previously restored areas disturbed in sections of the right of way to accommodate regrading and ESC/SWM measures repairs that will eventually be reclaimed.

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

The Environmental Auditor utilized the following resources to assist with evaluating project compliance throughout the Q1 reporting period:

- Daily MVP Punch Lists (includes VADEQ findings);
- Environmental Auditor Bi-Weekly Reports;
- Frequent Communication with the MVP Environmental staff, Chief EI, Spread I LEI, Assistant LEI, and Environmental Coordinator;
- 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;
- Spread I Wetland, Stream, and Road Crossings Spreadsheet;
- VA Off Right of Way Sediment Impact Tracker Spreadsheet;
- Notice of Force Majeure Declaration and supporting documentation submitted on 1/15/2024, 2/1/2024, and 2/18/2024;
- Landowner/Third Party Reported complaint received by the VADEQ on 1/10/2024; and
- Agency Compliance Forms - Problem Area Reports (PARs)

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 Q1 reporting period. **Please refer to the attached Environmental Auditor Bi-Weekly Reports for further detailed information.**

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

Per Table I-1A, the EIs observed a total of 933 daily punchlist items (includes Carry Over items) requiring repair/maintenance throughout the Q1 reporting period. The Environmental Auditor noted 43 items identified by the EIs as ESC measures damaged by third party impacts related to livestock traffic, wildlife traffic, unauthorized traffic, landowner traffic, timber harvesting activities, and tree removal activities. The ESC measures were subsequently repaired/maintained within the required timeframes.

During the Q1 reporting period the Spread I Environmental inspection staff observed 55 off right of way impacts within upland locations. There were 20 environmental resource impacts identified by the Spread I Environmental inspection staff throughout Franklin and Pittsylvania Counties: W-CD5 (3), S-MM48, S-H37 (2), S-H13, S-C17, S-D22, S-KL39, S-B6, S-Q3, S-EF26, W-IJ22, S-D23, S-MM45, S-H11, S-A5 (identified by the Environmental Auditor), S-F11 and S-C19 (identified by the Environmental Auditor). It should be noted that three off right of way impacts were initially observed by the Spread I Environmental inspection staff and also included as VADEQ observations within the daily MVP Punchlists (**Refer to Section IV. for further discussion**).

On 1/10/2024, the EIs identified off right of way impacts all within upland areas throughout Franklin and Pittsylvania Counties as a result of a prolonged precipitation event with intervals of high intensity rainfall that occurred on 1/9/2024. The rainfall event caused ESC measures to become overwhelmed subsequently depositing sediment ranging from approximately 5 to 25 feet at 18 locations within Franklin County and three locations within Pittsylvania County. The VADEQ was immediately notified, landowner access granted, off right of way sediment removed, ESC measures repaired/maintained, and stabilization occurred within the required timeframes. The Spread I LEI submitted Agency Compliance Forms (PARs #801 and #802) on 1/11/2024. **Refer to Section VI. for further discussion.**

On 1/10/2024, the EIs identified environmental resource impacts at W-CD5 (west of Iron Ridge Road), S-MM48 (east of Indian Cave Road), S-H37 (west of Jacks Creek Road), S-H13 (east of Lark Drive), and S-C17 (west of Iron Ridge Road). A precipitation event on 1/9/2024 with intervals of high intensity rainfall produced flooding conditions causing streambanks to erode/slough at S-H37, S-H13, and S-C17. This event caused ESC measures to become overwhelmed resulting in sediment impacts at W-CD5 and S-MM48. The VADEQ was immediately notified, sediment removed, and ESC measures repaired/maintained within the required timeframes. The streambanks were repaired and stabilized at S-H37 and S-H13 within the required timeframes via extension request approvals from the VADEQ. Due to the extent of the streambank damage at S-C17, temporary ESC measures were installed in the interim and a long term extension request was approved by the VADEQ. The streambank was repaired on 2/17/2024. Agency Compliance Forms (PARs #804-808) were submitted by the Spread I LEI on 1/10/2024 and 1/12/2024. A Courtesy Notice Force Majeure Declaration and the Final Notice Force Majeure Declaration were submitted to the VADEQ on 1/15/2024 and 1/19/2024, respectively. **Refer to Section VI. for further discussion.**

On 1/11/2024, the EIs identified off right of way impacts within upland areas throughout Franklin and Pittsylvania Counties as a result of a prolonged precipitation event with intervals of high intensity rainfall that occurred on 1/9/2024. The rainfall event caused ESC measures to become overwhelmed subsequently depositing sediment ranging from approximately 10 to 100 feet at nine locations within Franklin County and four to 15 feet at four locations within Pittsylvania County. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/maintained, off right of way sediment removed, and stabilization occurred within the required timeframes. The Spread I LEI submitted Agency Compliance Forms (PARs #801 and #802) on 1/11/2024. **Refer to Section VI. for further discussion.**

On 1/11/2024, the EIs identified environmental resource impacts following a high intensity rainfall event on 1/9/2024. This precipitation event with intervals of high intensity rainfall produced flooding conditions causing streambanks to erode/slough at S-D22 (west of Brick Church Road), S-KL39 (east of Bonbrook Mill Road #1), S-B6 (east of Riddle Road), S-Q3 (east of Anderson Mill Road #3), S-EF26 (east of Chalk Level Road), and W-IJ22 (east of Chalk Level Road). The flooding caused the timber mats at S-Q3 to

become displaced off right of way. This event caused ESC measures to become overwhelmed resulting in a sediment impact at W-IJ22. The VADEQ was immediately notified, sediment removed, and ESC measures repaired/maintained within the required timeframe at W-IJ22. The streambank was repaired and stabilized at S-D22 (via an extension request approval from the VADEQ). The timber mats were retrieved at S-Q3 (via landowner permission) within the required timeframe. Due to the extent of the streambank damage at S-KL39, S-B6, and S-EF26 temporary ESC measures were installed in the interim and long term extension requests were approved by the VADEQ. Final repairs were completed at S-KL39 on 3/19/2024, S-B6 on 1/23/2024, and S-EF26 on 1/23/2024. Agency Compliance Forms (PARs #809, #810, #811, #814, #819, and #802) were submitted by the Spread I LEI on 1/11/2024 and 1/12/2024. A Courtesy Notice Force Majeure Declaration and the Final Notice Force Majeure Declaration were submitted to the VADEQ on 1/15/2024 and 1/19/2024, respectively. **Refer to Section VI. for further discussion.**

On 1/12/2024, the EIs identified off right of way impacts all within upland areas throughout Franklin County as a result of a prolonged precipitation event with intervals of high intensity rainfall that occurred on 1/9/2024. The rainfall event caused ESC measures to become overwhelmed subsequently depositing sediment ranging from approximately 10 to 20 feet off at five locations. The VADEQ was immediately notified, landowner access granted, off right of way sediment removed, ESC measures repaired/maintained, and stabilization occurred within the required timeframe. No environmental resources were impacted. **Refer to Section VI. for further discussion.**

On 1/12/2024, the EI identified an environmental resource impact at S-D23 west of Brick Church Road as a result of a prolonged precipitation event with intervals of high intensity rainfall that occurred on 1/9/2024. This event produced flooding conditions causing the streambank to erode/slough. Due to the extent of the streambank damage temporary ESC measures were installed in the interim and a long term extension request was approved by the VADEQ. Final repairs to the streambank were completed on 2/8/2024. A Courtesy Notice Force Majeure Declaration and the Final Notice Force Majeure Declaration were submitted to the VADEQ on 1/15/2024 and 1/19/2024, respectively. **Refer to Section VI. for further discussion.**

On 1/15/2024, the EI identified an off right of way impact within an upland area west of Timber Ridge Road in Franklin County as a result of prolonged precipitation events with intervals of high intensity rainfall that occurred on 1/9/2024. The rainfall event caused ESC measures to become overwhelmed subsequently depositing sediment approximately 25 feet off right of way. The VADEQ was immediately notified, landowner access granted, off right of way sediment removed, ESC measures repaired/maintained, and stabilization occurred within the required timeframe. No environmental resources were impacted. **Refer to Section VI. for further discussion.**

On 1/28/2024, the EIs identified environmental resource impacts at W-CD5 (west of Iron Ridge Road), S-H37 (west of Jacks Creek Road), S-MM45 (east of Indian Cave Road), and S-H11 (west of Rock Creek Road). A precipitation event from late 1/27/2024 into early 1/28/2024 with intervals of high intensity rainfall caused ESC measures to become overwhelmed resulting in sediment impacts to W-CD5, S-MM45, and S-H11. Flooding conditions caused streambank erosion at S-H37. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/maintained/enhanced, off right of way sediment removed, and stabilization occurred within the required timeframe. Repairs were completed and soil stabilization blanket was reinstalled on the S-H37 streambank within the required timeframe. The Spread I LEI submitted Agency Compliance Forms (PARs #844, 845, 846, and 847) on 1/28/2024. A Courtesy Notice Force Majeure Declaration and the Final Notice Force Majeure Declaration were submitted to the VADEQ on 2/2/2024 and 2/7/2024, respectively for W-CD5 and S-H37. The Environmental Auditor evaluated the environmental resource impacts on 1/29/2024 and observed ineffective stabilization measures per Section 3.2 of the Annual Standards and Specifications and a Clean Water Diversion (CWD) system not installed per the required ESC Plans resulting in sediment impacts to S-H11 and S-MM45, respectively. **Refer to Sections VI. and VII. for further discussion.**

On 1/28/2024, the EIs identified five off right of way impacts within upland areas throughout Franklin County and Pittsylvania Counties as a result of a prolonged precipitation event with intervals of high

intensity rainfall that occurred from late 1/27/2024 into early 1/28/2024. The rainfall event caused ESC measures to become overwhelmed subsequently depositing sediment ranging from approximately 5 to 20 feet at four locations in Franklin County and one location in Pittsylvania County. The VADEQ was immediately notified, landowner access granted, off right of way sediment removed, ESC measures repaired/maintained, and stabilization occurred within the required timeframe. No environmental resources were impacted. **Refer to Section VI. for further discussion.**

On 1/29/2024, the Environmental Auditor identified an environmental resource impact at S-A5 east of Museville Road. A precipitation event with intervals of high intensity rainfall from late 1/27/2024 into early 1/28/2024 coupled with ineffective stabilization measures caused ESC measures to become overwhelmed resulting in a sediment impact approximately 30 feet within S-A5. The Environmental Auditor immediately notified the Spread I LEI, Chief EI, and MVP Environmental staff. Based on a conversation with the Spread I LEI, the Environmental Auditor was informed that the VADEQ was immediately notified, landowner access granted, off right of way sediment removed, ESC measures repaired/maintained, and stabilization occurred within the required timeframe. **Refer to Sections VI. and VII. for further discussion.**

On 1/29/2024, the EIs identified eight off right of way impacts all within upland areas throughout Franklin and Pittsylvania County as a result of a prolonged precipitation event with intervals of high intensity rainfall that occurred from late 1/27/2024 into early 1/28/2024. The rainfall event caused ESC measures to become overwhelmed subsequently depositing sediment approximately 20 and 50 feet at two locations in Franklin County and 10 to 100 feet at six locations in Pittsylvania County. The VADEQ was immediately notified, landowner access granted, off right of way sediment removed, ESC measures repaired/maintained, and stabilization occurred within the required timeframe. No environmental resources were impacted. **Refer to Section VI. for further discussion.**

On 1/30/2024, the EI identified one off right of way impact east of MVP-FR-315 within an upland area as a result of a prolonged precipitation event with intervals of high intensity rainfall that occurred from late 1/27/2024 into early 1/28/2024. The rainfall event caused ESC measures to become overwhelmed subsequently depositing sediment approximately 10 feet off right of way. The VADEQ was immediately notified, landowner access granted, off right of way sediment removed, ESC measures repaired/maintained, and stabilization occurred within the required timeframe. No environmental resources were impacted. **Refer to Section VI. for further discussion.**

On 2/5/2024, the Environmental Auditor identified one off right of way impact east of Brick Church Road within an upland area as a result of a prolonged precipitation event with intervals of high intensity rainfall that occurred from late 1/27/2024 into early 1/28/2024. The rainfall event caused ESC measures to become overwhelmed subsequently depositing sediment approximately 10 feet off right of way. The VADEQ was immediately notified, landowner access granted, off right of way sediment removed, ESC measures repaired/maintained, and stabilization occurred within the required timeframe. No environmental resources were impacted. **Refer to Section VI. for further discussion.**

On 2/13/2024, the EI identified an environmental resource impact at W-CD5 west of Iron Ridge Road. Precipitation events with intervals of high intensity rainfall occurred on 2/11/2024 and 2/12/2024 causing ESC/SWM measures to become overwhelmed resulting in erosion and areas of sloughing on the slope above W-CD5. The VADEQ was immediately notified, ESC/SWM measures repaired/maintained, and the sediment removed from the wetland. Based on communication with the Spread I LEI and MVP Environmental staff, the slope will be regraded and additional/enhanced ESC measures installed. An Agency Compliance Form (PAR #889) was submitted by the Spread I LEI on 2/13/2024. A Courtesy Notice Force Majeure Declaration and Final Notice Force Majeure Declaration were submitted to the VADEQ on 2/18/2024 and 2/23/2024, respectively. **Refer to Section VI. for further discussion.**

On late evening 2/20/2024, the EI identified an environmental resource impact at S-F11 (Blackwater River). The EI observed the streambank sloughing due to water flowing from the dewatering facilities to a natural low point just above the streambank. Pumping activities were immediately shut down, the dewatering facilities decommissioned, and the VADEQ was notified early morning on 2/21/2024. Per a

site evaluation conducted by the Environmental Auditor on 2/21/2024, turbidity curtains were installed within S-F11 just below the impacted slope to contain further sediment migration. Based on a follow up evaluation conducted by the Environmental Auditor on 2/26/2024, it appeared that the sediment was removed. An extension request has been approved by the VADEQ to conduct streambank repairs upon engineer review/redlines and agency approvals. An Agency Compliance Form (PAR #894) was submitted by the Spread I LEI late on 2/20/2024 upon discovering the impact. **Refer to Section VI. for further discussion.**

On 2/22/2024, the EI identified an environmental resource impact at S-C19 (Maggodee Creek) requiring streambank repair. During dewatering activities for the S-F11 open cut crossing, the water flowed to natural low spots through existing gullies on the S-C19 streambank resulting in sediment deposition into S-C19. Dewatering activities were adjusted between the multiple dewatering structures and additional enhanced ESC measures were implemented to control and stabilize the flow path. Turbidity curtains were installed within S-C19. On 2/23/2024, the Environmental Auditor conducted a site evaluation and contractor crews were observed conducting maintenance activities. Based on a follow up evaluation conducted by the Environmental Auditor on 2/26/2024, it appeared that the sediment was removed from the impacted areas. The VADEQ approved an extension request until a VADEQ aquatic biologist confirms sediment removal and streambank stabilization measures are adequate. An Agency Compliance Form (PAR #895) was submitted by the Spread I LEI on 2/22/2024. **Refer to Section VI. for further discussion.**

During the Q1 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 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-1A provides a summary of maintenance/repair items identified by the EIs and the contractor Environmental staff throughout the Q1 reporting period:

**Table I-1A**

Spread I Environmental Inspector Observations: January 1, 2024 – March 31, 2024					
Monthly Observation	Total Number Observations	Environmental Resource Impact	Off Right of Way Impact	Right of Way Impacts Caused by Third Parties	Weather Related Damage
January 2024	521	17	54	11	0
February 2024	*217	3	1	8	0
March 2024	*195	0	0	24	0

\* Includes Carry Over Items

The EIs conducted a total of 492 SWPPP inspections and provided respective VSIRs throughout the Q1 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). **Refer to Sections VI. and VII for further discussion.**

While conducting SWPPP inspections throughout the Q1 reporting period the Spread I Environmental inspection staff noted environmental resource impacts caused by upstream third party activities at S-C4 and S-C3 west of Lark Drive, S-G4 west of Toshes Road, and S-MM8, S-CC5, S-CC9, and S-CC10 east of Climax Road. On 1/31/2024, 2/6/2024, 2/12/2024, 2/28/2024, 3/5/2024, 3/11/2024, and 3/27/2024, the EI observed milk (dairy) and sediment impacts to S-C4 and S-C3 due to upslope dairy farm operations. On 2/13/2024, the EI observed turbidity within S-G4 stemming from upslope/upstream third party activities. On 1/29/2024, 2/14/2024, and 3/7/2024, the EI observed turbidity and sediment deposition with S-MM8, S-CC5, S-CC9, and S-CC10 from upslope third party activities. It should be noted that these environmental resources have been previously impacted by upslope third party land disturbance activities as reported beginning Q4 2021.

The ODCP inspectors conducted ODCP inspections at Laydown Yard 045/046 throughout the Q1 reporting period. Twenty-nine inspections were conducted in January, 28 inspections were conducted in February, and 28 inspections were conducted in March. No spills were observed during the ODCP inspections throughout the Q1 reporting period.

An approximate total of 21 recordable precipitation events occurred during the Q1 reporting period. On 1/9/2024, a precipitation event with intervals of high intensity rainfall produced approximately 3.0-3.1 inches of rainfall in 12 hours. This event caused flooding conditions and ESC measures to become overwhelmed resulting in 42 off right of way impacts within upland areas and 13 environmental resource impacts. These impacts were identified by the Spread I Environmental inspection staff and the VADEQ on 1/10/2024 through 1/12/2024 and 1/15/2024. **Refer to discussion above, Table I-1B, Section IV. and Section VI. for further discussion.**

On late 1/27/2024 into early 1/28/2024, a precipitation event with intervals of high intensity rainfall produced approximately 1.5-2.25 inches of rainfall in 12 hours. This event caused flooding conditions and ESC measures to become overwhelmed resulting in 14 off right of impacts within upland areas and 5 environmental resource impacts. These impacts were identified by the Spread I Environmental inspection staff from 1/28/2024 through 1/30/2024. The environmental resource impact at S-A5 was identified by the Environmental Auditor on 1/29/2024. **Refer to discussion above, Table I-1B, Section VI. and Section VII. for further discussion.**

On late 1/27/2024 into early 1/28/2024, a precipitation event with intervals of high intensity rainfall produced approximately 1.5-2.25 inches of rainfall in 12 hours. This event coupled with ineffective stabilization measures 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 2/5/2024. **Refer to discussion above, Table I-1B, and Section VI. for further discussion.**

On 2/11/2024 and 2/12/2024, a precipitation event with intervals of high intensity rainfall produced approximately 1.75 inches in 18 hours. This event caused ESC/SWM measures to become overwhelmed and areas of sloughing on a slope resulting in a sediment impact at W-CD5. This impact was identified by the EI on 2/13/2024. **Refer to discussion above, Table I-1B, and Section VI. for further discussion.**

On 3/28/2024, a precipitation event produced approximately 0.4 inches of rainfall in 6 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 VADEQ inspector on 3/28/2024. It should be noted that based on the location of this impact, the nearest rain gauge measured 0.4 inches. **Refer to Section VI. for further discussion.**

Based on precipitation gauge data provided by the Spread I EIs, the following Table I-1B provides a summary of monthly recorded rainfall/snowfall dates, amounts based on lowest to highest rates, and estimated duration for each event throughout the Q1 reporting period:

**Table I-1B**

Spread I Precipitation and Duration Rates: January 1, 2024 – March 31, 2024					
January		February		March	
Date Recorded	Precipitation and Approximate Duration	Date Recorded	Precipitation and Approximate Duration	Date Recorded	Precipitation and Approximate Duration
1/7/2024	0.8"-1.2" - 12 Hours *Rainfall occurred on 1/6/2024	2/12/2024	0.75"-1.0" - 12 Hours *Rainfall occurred on 2/11/2024	3/2/2024	0.7"-2.8" - 12 Hours *Precipitation with locations experiencing high intensity/short duration rainfall occurred late 3/1/2024 into early 3/2/2024
1/10/2024	2.6"-3.10" - 12 Hours *Rainfall with high intensity intervals occurred on 1/9/2024	2/13/2024	0.5"-1.4" -6 Hours *Precipitation with an interval of high intensity rainfall occurred on 2/12/2024	3/7/2024	0.1"-0.6" - 24 Hours *Rainfall occurred on 3/6/2024
1/13/2024	0.5"-0.75" - 5 Hours	2/24/2024	0.0"-0.2" - 2 Hours *Scattered showers occurred on 2/23/2024	3/10/2024	1.0"-3.1" - 12 Hours *Precipitation with localized high intensity/short duration rainfall occurred on 3/9/2024
1/16/2024	2.0"-4.0" - 15 Hours *Snowfall occurred on 1/15/2024 (Information collected from SWPPP VSIRs and communication with the Spread I LEI)	2/28/2024	0.1"-0.2" - 6 Hours *Intermittent showers occurred on 2/27/2024	3/16/2024	0.0"-0.1" - 6 Hours *Isolated light showers occurred on 3/15/2024
1/24/2024	0.0"-0.4" - 3 Hours *Light rainfall occurred on 1/23/2024	2/29/2024	0.4"-1.0" - 2 Hours *Precipitation with an interval of high intensity/short duration rainfall occurred on 2/28/2024	3/23/2024	1.0"-3.7" - 12 Hours *Rainfall with the heaviest intensity at the eastern section of the spread occurred late 3/22/2024 into early 3/23/2024
1/25/2024	0.0"-0.5" - 6 Hours *Rainfall occurred on 1/24/2024			3/27/2024	0.2"-0.7" - 6 Hours *Rainfall occurred on 3/26/2024
1/26/2024	0.1"-0.6" - 6 Hours *Rainfall occurred on 1/25/2024			3/28/2024	0.0"-1.5" - 6 Hours *Isolated rainfall with the heaviest intensity at the eastern section of the spread occurred on 3/27/2024
1/28/2024	1.2"-2.25" - 12 Hours *Precipitation with intervals of high intensity rainfall occurred 1/27/2024 into early 1/28/2024				
1/31/2024	0.0"-0.1" - 4 Hours				

**IV. Quarterly Summary of VADEQ Observations**

Per Table I-1C, the VADEQ Inspectors observed a total of 94 items requiring repair/maintenance throughout the Q1 reporting period. The Environmental Auditor noted no items identified by the VADEQ as ESC measures damaged due to third party impacts throughout the Q1 reporting period. During the Q1 reporting period, the VADEQ identified seven off right of way impacts within upland areas and one environmental resource impact throughout the Spread I project area. It should be noted that three of the seven off right of way impacts were initially observed and reported by the respective Spread I EIs. The items provided on the daily MVP Punchlists throughout the Q1 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). **Refer to Table I-1C and the respective Bi-Weekly Reports for further detailed information.**

On 1/10/2024, the VADEQ inspector identified an off right of way impact approximately five feet within an upland area. A precipitation event on 1/9/2024 with intervals of high intensity rainfall caused ESC measures to become overwhelmed. The ESC measures within the right of way were repaired and enhanced within the required timeframe. Landowner access was not granted to remove the off right of way sediment and the daily MVP Punchlist item was closed via approval from the VADEQ on 1/18/2024. An Agency Compliance Form (PAR #799) was submitted by the Spread I LEI on 1/10/2024. No environmental resources were impacted. **Refer to Section VI. for further discussion.**

On 1/12/2024, the VADEQ inspector identified an environmental resource impact at S-A40 east of Golden View Road and four off right of way impacts approximately 10, 20, 20, and 15 feet within upland areas in Franklin County. A precipitation event on 1/9/2024 with intervals of high intensity rainfall caused ESC measures to become overwhelmed. At S-A40, the ESC measures were immediately repaired/maintained and sediment removed from the stream channel within the required timeframe. An Agency Compliance Form (Problem Area Report #813) was submitted by the Spread I LEI on 1/12/2024. A Courtesy Notice Force Majeure Declaration and the Final Notice Force Majeure Declaration were submitted to the VADEQ on 1/15/2024 and 1/19/2024, respectively. Landowner access was granted, ESC measures repaired/maintained, off right of way sediment removed, and stabilization occurred within the required timeframe for the off right of way sediment impacts. **\*It should be noted that three of the items identified as off right of way sediment impacts are redundant as these items were initially identified by the EI. Refer to Section VI. for further discussion.**

On 2/23/2024, the VADEQ inspectors identified an off right of way sediment impact within an upland area from dewatering activities related to the S-F11 open cut crossing. The dewatering facilities were properly installed and functional; however, fine sediment deposited behind ESC measures deployed within a field along the flow path. Landowner access was granted, sediment removed from the field, the area stabilized, and the dewatering structures repaired/maintained within the required timeframe. No environmental resource impacts occurred. The Environmental Auditor conducted a site evaluation on 2/23/2024 and observed the contractor crews conducting repairs to the dewatering facilities and initiating clean up where the sediment was deposited in the field. The Environmental Auditor conducted a follow-up evaluation on 2/26/2024 and observed the sediment removed and the area stabilized. An Agency Compliance Form (PAR #895) was submitted by the Spread I LEI on 2/23/2024. **Refer to Section VI. for further discussion.**

On 3/28/2024, the VADEQ inspector observed an off right of way impact within an upland area east of Webster Road as a result of a precipitation event that occurred late 3/27/2024. The rainfall event caused ESC measures to become overwhelmed subsequently depositing sediment approximately 100 feet off right of way. No environmental resources were impacted. An extension request was approved by the VADEQ due to wet conditions on the right of way. This item will be discussed in the Q2 2024 report.

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 Q1 reporting period:

**Table I-1C**

Spread I VADEQ Observations: January 1, 2024 – March 31, 2024					
Monthly Observation	Total Number Observations	Environmental Resource Impact	Off Right of Way Impact	Right of Way Impacts Caused by Third Parties	Weather Related Damage
January 2024	(*) (**) 39	1	**5	0	0
February 2024	*13	0	1	0	0
March 2024	*42	0	1	0	0

\* Includes Carry Over Items

\*\* Duplicate Items Initially Identified by the Spread I EIs



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

The Environmental Auditor noted one formal landowner/third party complaint submitted to the VADEQ for the Spread I Project during the Q1 reporting period.

- A third party complaint was observed on 1/9/2024 and received by the VADEQ on 1/10/2024 (Pollution Investigation Report\_IR #312126). The complainant alleged "MVP sediment coming off row, running through" a property "and into a ravine leading to Blackwater River". The Environmental Auditor noted a daily MVP Punchlist item from the VADEQ related to an off right of way sediment impact at this location and conducted an evaluation on 1/11/2024. The Environmental Auditor observed the landowner crossing sediment controls overwhelmed by sediment approximately 25 feet off right of way within an upland location. It should be noted that this location received approximately three inches of rainfall in 12 hours from the 1/9/2024 rainfall event. Based on communication with the Spread I LEI, no resources were impacted. The ESC measures were repaired/replaced within the required timeframe; however, landowner permission was not granted to remove the off right of way sediment and stabilize the impacted area. Per the Closure section of the IR on 1/30/2024, the VADEQ observed the location where the off right of way sediment impact occurred, acknowledged that the landowner would not grant permission to remove the sediment, and concluded no compliance issues were observed. The Environmental Auditor conducted a follow-up evaluation at this location on 3/5/2024 and observed Soil Stabilization Blanket installed throughout portions of the right of way, vegetation establishing, and the ESC measures installed and functional.

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

Per Table I-1D, the Environmental Auditor conducted 74 site evaluations during the Q1 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 (includes dewatering), 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 I LEI, Assistant LEI, Chief EI, Environmental Coordinator, and MVP Environmental staff. Repair/maintenance items and most recommendations were forwarded to the contractor Environmental staff by the Spread I Environmental inspection staff and subsequently addressed. The Environmental Auditor focused on evaluating locations where previous stabilization concerns were observed, post precipitation events where prolonged/intervals of high intensity rainfall resulted in off right of way and environmental resource impacts, and stream crossing/dewatering activities at S-F11 and S-C19.

The Environmental Auditor provided the following detailed technical and administrative/documentation recommendations:

### **Technical Recommendations**

- Evaluate pumped water filter bags and straw bale containment structures (dewatering facilities) to ensure they are constructed per the ESC Plan requirements for proper functionality. Utilize pumped water filter bags that are sized appropriately for proposed pumping rates.
- Coordinate with the contractor as necessary to reinstall any dewatering facility not meeting the ESC Plan requirements and consider implementing enhanced measures where turbid discharge becomes an issue.
- Evaluate waterbar end sumps for capacity per the ESC Plan requirements. Monitor potential ice forming on the top of accumulated water in the end sumps and maintain as needed.
- Repair rills/gullies prior to conducting restabilization activities. Install soil stabilization blanket where straw/hydraulic mulch are not applicable per the AS&S requirements.

- Ensure secondary containment measures are properly installed on level grade and maintained following precipitation events and/or damaged during construction activities.
- Conduct routine maintenance activities throughout the day as needed at temporary bridge/mat crossings.
- Monitor compost filter sock and replace where the height becomes compromised when flattened.
- Install Soil Stabilization Blanket within waterbar flow paths where erosion is occurring.
- Conduct stabilization throughout the right of way based on the required ESC Plan stabilization timeframes.

### **Administrative/Documentation Recommendations**

- Conduct QA/QC to ensure consistency and thoroughness between the daily MVP Punchlists and SWPPP VSIRs.
- Include all items identified by the EIs within the daily MVP Punchlist.
- Communicate third party/landowner complaints, off right of way impacts, and environmental resource impacts to the Environmental Auditor.

The Environmental Auditor continued to communicate concerns related to areas of the right of way where mulch applied during the Q3 2023 and Q4 2023 reporting periods did not meet Section 3.2 of the AS&S due to observations related to extensive erosion and off right of way sediment impacts following precipitation events. The Environmental Auditor provided recommendations to install Soil Stabilization Blanket/Soil Stabilization Matting and enhanced ESC measures as necessary to minimize ongoing and potential erosion and sediment impacts.

On 1/11/2024, the Environmental Auditor began evaluating locations where a precipitation event on 1/9/2024 caused flooding conditions, off right of way sediment impacts, and environmental resource impacts in portions of Franklin and Pittsylvania Counties. On 1/11/2024, the Environmental Auditor evaluated the stream and wetland impacts observed by the EIs at S-C17, S-D22, and W-CD5. Streambank erosion caused by high flows during the heavy precipitation event and enhanced ESC measures were observed installed on the slope above W-CD5. The Environmental Auditor communicated with the Spread I LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance, erosion occurring where hydraulic mulch appeared to be an ineffective measure per Section 3.2 of the AS&S, installing enhanced soil stabilization blanket/soil stabilization matting where previously installed blanket may not be an effective measure, and installing sediment control measures along the contour, and installing additional ESC measures where runoff was causing erosion along the inside edge of the perimeter sediment controls installed along the edges of slopes.

On 1/12/2024, the Environmental Auditor evaluated the stream and wetland impacts observed by the EIs at S-EF26, S-H13, S-MM48, and W-IJ22 and noted streambank damage caused by high flows during the heavy rainfall event and sediment impacts where ESC measures became overwhelmed. The Environmental Auditor observed locations where the ESC measures were repaired/maintained/enhanced (includes W-IJ22) and streambanks stabilized at S-H13 and S-MM48. The Environmental Auditor conducted a follow-up evaluation at S-EF26 on 3/25/2024 and observed the streambank stabilized with vegetation establishing.

On 1/24/2024, the Environmental Auditor evaluated S-A40 where an environmental resource impact was observed by the VADEQ on 1/12/2024 and observed the ESC measures repaired and sediment removed from the stream. The Environmental Auditor communicated with the Spread I LEI, Chief EI, and MVP Environmental staff and recommended installing enhanced ESC measures due to upslope run-on that could potentially result in continued erosion and sediment issues. The Environmental Auditor conducted a follow-up evaluation on 2/21/2024 and observed enhanced ESC measures installed above S-A40.

On 1/29/2024, the Environmental Auditor evaluated the right of way west of Rock Creek Road where a sediment impact occurred at S-H11 due to a precipitation event with intervals of high intensity rainfall that occurred on 1/27/2024 into early 1/28/2024 coupled with ineffective stabilization measures. The Environmental Auditor observed repair/maintenance conducted at the perimeter sediment controls, sediment retrieved, and the impacted area stabilized with straw mulch. However, the Environmental Auditor observed extensive erosion throughout the right of way where hydraulic mulch was previously applied as part of permanent restoration activities and not meeting Section 3.2 of the AS&S. It appeared that the ineffective stabilization throughout the right of way resulted in the impact to S-H11. The Environmental Auditor also observed an impact at S-A5 east of Museville Road and it appeared that erosion caused by ineffective stabilization measures resulted in the impact. The Environmental Auditor evaluated S-MM45 east of Indian Cave Road where an environmental resource impact occurred due to ESC measures becoming overwhelmed. The Environmental Auditor observed the contractor staff conducting ESC maintenance activities and the sediment removed from the stream. Based on the evaluation, a CWD system was not installed per the required ESC Plans/redlines and heavy flow from upslope run-on caused extensive erosion resulting in the impact. The Environmental Auditor conducted a follow-up evaluation at S-MM45 on 2/26/2024 and observed most issues identified on 1/29/2024 addressed; however, the CWD dike required repairs. The Environmental Auditor conducted an evaluation on the slope west of Iron Ridge Road where erosion/sloughing resulted in an environmental resource impact at W-CD5. The Environmental Auditor observed additional/enhanced ESC measures installed on the slope and most sediment removed from W-CD5. The Environmental Auditor provided recommendations to verify that the SWM permanent waterbar end treatments are constructed on level grade and conduct regrading on the slope and install a higher grade soil stabilization blanket or soil stabilization matting.

On 2/5/2024, the Environmental Auditor evaluated the right of way east of Brick Church Road/MVP-FR-302 and observed an off right of way sediment impact within an upland area. The Environmental Auditor provided recommendations to install additional ESC measures and to monitor the previously applied hydraulic mulch due to rilling throughout portions of the right of way. The Environmental Auditor conducted a follow-up evaluation on 3/5/2024 and observed vegetation establishing, enhanced ESC measures installed, the off right of way sediment removed, and the impacted area stabilized.

On 2/13/2026, the Environmental Auditor evaluated S-B6 east of Riddle Road where flooding conditions from the precipitation event on 1/9/2024 caused streambank erosion/sloughing. The Environmental Auditor observed the streambank repaired and the ESC measures installed and functional. The Environmental Auditor evaluated S-Q3 east of Anderson Mill Road #3 where timber mats were displaced off right of way resulting in streambank damage. The Environmental Auditor observed the temporary bridge crossing reconstructed and the mats retrieved from off right of way. However, tears were observed in the temporary bridge geofabric and portions of the streambank required stabilization. On 3/25/2024, the Environmental Auditor conducted a follow-up evaluation and observed the ESC measures installed and functioning with vegetation establishing at and above S-Q3.

On 2/16/2024, the Environmental Auditor evaluated the right of way west of Iron Ridge Road where precipitation events with intervals of high intensity rainfall occurred on 2/11/2024 and 2/12/2024. These events caused erosion/sloughing on the slope, overwhelming ESC/SWM measures, and resulting in a sediment impact at W-CD5. The Environmental Auditor continued to recommend installing a higher grade soil stabilization blanket or soil stabilization matting. Based on communication with the MVP Environmental staff, a plan is being developed to conduct regrading and install enhanced ESC measures.

On 2/21/2024, the Environmental Auditor evaluated the right of way east of Longwood Road where stream crossing and dewatering activities related to S-F11 (Blackwater River) were occurring. The Environmental Auditor evaluated the S-F11 streambank off right of way where erosion/sloughing occurred due to water discharged from the properly installed dewatering facilities became concentrated at a low area and flowed onto an existing unstable area of the streambank. This event resulted in a sediment impact at the river. The Environmental Auditor observed the dewatering facility decommissioned and the contractor installing new facilities at an upslope location. Turbidity curtains were observed within S-F11

just below the streambank and it appeared that sediment was contained at the time of the evaluation. The bladder dams at the stream crossing were properly installed and no issues were observed. Based on communication with the Spread I LEI and MVP Environmental staff, engineered plans are being developed to implement streambank stabilization measures at S-F11.

On 2/23/2024, the Environmental Auditor evaluated the new properly installed dewatering facilities at the upslope area where streambank impacts occurred at S-C19 (Maggodee Creek) due to water discharged from the facilities exacerbating existing streambank erosion resulting in a sediment impact. At the time of the evaluation, turbidity curtains were installed along reaches of S-C19 southeast to the confluence with S-F11. Streamflow within S-F11 appeared to be clear at the time of the evaluation. Contractor crews were observed performing maintenance on the streambank and enhanced ESC measures were installed in the upland area of the field where fine sediments settled. The Environmental Auditor conducted a follow-up evaluation on 2/26/2024 and observed sediment removed from the upland area and the streambank at S-C19. Based on communication with the Spread I LEI and MVP Environmental staff, a VADEQ aquatic biologist will evaluate the streambank to confirm corrective action measures are sufficient.

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/SWM measures as necessary. The Environmental Auditor continues to communicate with the Spread I LEI, Environmental Coordinator, Assistant 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 Q1 reporting period.

**Table I-1D**

<b>Environmental Auditor Field Observations: January 1, 2024 – March 31, 2024</b>	
<b>Month</b>	<b>Total Observations</b>
January 2024	23
February 2024	24
March 2024	27

**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, the following issues occurred:
  - Ineffective stabilization measures not meeting ESC/SWM Plan coverage and timeframe requirements contributed to environmental resource impacts at S-H11 and S-A5 identified on 1/29/2024; and
  - A Clean Water Diversion system was not installed per the required ESC Plans/redlines resulting in an environmental resource impact at S-MM45 identified on 1/29/2024; 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 Q1 reporting period. The Environmental Auditor recommends ensuring all ESC/SWM measures are properly installed and functional and enhanced where necessary to maintain compliance with the approved ESC Plans and Annual Standards and Specifications and include all items identified by the EIs within the daily MVP Punchlist.

As the VADEQ is aware, there are several instances noted in the Q4 2019 through Q4 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 I

ENVIRONMENTAL AUDITOR PARTIAL BI-WEEKLY REPORT - 1/1/2024 through 1/7/2024 (BEGINNING OF Q1 2024 REPORTING PERIOD)

ENVIRONMENTAL AUDITOR CONTACT INFORMATION

Joe Crea CPESC, CPSWQ

Tetra Tech

661 Andersen Drive, Suite 200, Pittsburgh PA 15220

Report Period Ending: 1/7/2024

Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 42 conducted from 1/1/2024 through 1/7/2024 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 1/1/2024 through 1/7/2024: 11											
Total Number of ODCP Inspections at Laydown Yard 045/046: 6 (1/2/2024 through 1/7/2024); Holiday on 1/1/2024											
Total Number of VA DEQ Observations from 1/1/2024 through 1/7/2024: 2											
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 1/1/2024 through 1/7/2024.											
CARRY OVER ITEMS FROM 12/31/2023											
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
1/2/2024		4					4			3 on 1/2/2024 1 on 1/4/2024	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/3/2024		1					1			1 on 1/4/2024	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
1/4/2024		4				1	3			1 on 1/4/2024 3 on 1/5/2024	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 unauthorized traffic.
1/5/2024		2					2			2 on 1/5/2024	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
1/3/2024		2					2			2 on 1/3/2024	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			
1/1/2024 through 1/7/2024	<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 Environmental Coordinator regarding observations related to SWPPP VSIR documentation.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 1/5/2024 regarding the Partial Bi-Weekly reporting period ending on 1/7/2024 and requested to be notified if any off right of way/environmental resource impacts and third party VADEQ complaints are observed.</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>			
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: 1/21/2024  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: <b>72</b> conducted from 1/8/2024 through 1/21/2024 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 1/8/2024 through 1/21/2024 (includes Carry Over Items from 1/7/2024): <b>283</b>											
Total Number of ODCP Inspections at Laydown Yard 045/046: <b>6</b> (1/8/2024 and 1/10/204 through 1/14/2024); <b>7</b> (1/15/2024 through 1/21/2024)											
Total Number of VA DEQ Observations from 1/8/2024 through 1/21/2024: <b>30</b> (It should be noted three of the identified items were redundant as they were initially observed by the Spread I Environmental inspection staff)											
Total Number of Landowner/Third Party Reported Complaints: <b>1</b> (A third party complaint was observed on 1/9/2024 and received by the VADEQ on 1/10/2024 (Pollution Investigation Report_IR #312126). The complainant alleged "MVP sediment coming off row, running through" a property "and into a ravine leading to Blackwater River". The Environmental Auditor noted a daily MVP Punchlist item for an off right of way sediment impact at this location and conducted an evaluation on 1/11/2024. The Environmental Auditor observed the landowner crossing sediment controls overwhelmed by sediment and traveling approximately 5 feet off right of way within an upland location. Based on communication with the Spread I Environmental staff, no resources were impacted. It should be noted that this location received approximately three inches of rainfall in 12 hours from the 1/9/2024 rainfall event. Per the VADEQ website, formal Closure remains pending). <b>Refer to VADEQ Observations, Landowner/Third Party Reported Complaints and Environmental Auditor Field Observations and Recommendations for further discussion.</b>											
Total Number of Right of Way Impacts Caused by Third Parties: <b>8</b> ( unauthorized traffic, livestock traffic, and timber harvesting 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>*42</b> (Off right of way sediment impacts within an upland areas were observed by the Eis (40), and the VADEQ (2) on 1/10/2024, 1/11/2024, 1/12/2024, and 1/15/2024 as a result of a precipitation event with intervals of high intensity rainfall that occurred 1/9/2024. The precipitation event produced approximately 3.0-3.1 inches of rainfall in 12 hours causing ESC measures to become overwhelmed. The VADEQ was immediately notified, ESC measures repair/maintained, landowner access granted at 41 locations, off right of way sediment cleanup and stabilization occurred within the required timeframe. One of the items did not receive landowner access permission and was closed via approval from the VADEQ on 1/18/2024). No environmental resource impacts occurred. *It should be noted three off right of way impacts identified by the VADEQ were redundant items as they were initially identified by the Spread I Environmental inspection staff and not included in the total. <b>Refer to Environmental Inspector Observations, VADEQ Observations, and Environmental Auditor Field Observations and Recommendations for further discussion.</b>											
Total Number of Environmental Resource Impacts: <b>13</b> (Environmental resource impacts at W-CD5, S-MM48, S-H37, S-H13, and S-C17 (1/10/2024); S-D22, S-KL39, S-B6, S-Q3, S-EF26, and W-IJ22 (1/11/2024); S-D23 and S-A40 (1/12/2024) were observed by the Eis and the VADEQ (S-A40) as a result of a precipitation event with intervals of high intensity rainfall that occurred on 1/9/2024. This precipitation event produced approximately 3.0-3.1 inches of rainfall in 12 hours causing streams to flood resulting in streambanks undermining/sloughing at S-H37, S-H13, S-C17, S-D22, S-D23, S-KL39, S-B6, and S-EF26. The temporary bridge mats became displaced off right of way at S-Q3. It should be noted that four of the environmental resource crossings (S-C17, S-MM48, S-EF26, and W-IJ22) were installed via bore methods and were not previously disturbed. The VADEQ was immediately notified, ESC measures repaired/replaced, and streambank stabilization occurred within the required timeframes at S-H37, S-H13, S-D22, and W-IJ22. Landowner permission was granted at S-Q3 to retrieve temporary bridge mats displaced approximately 50 feet off right of way. Long term extension requests were approved by the VADEQ for S-C17, S-KL39, S-B6, S-EF26, and S-D23 until engineered plans are developed and agency approvals granted to conduct streambank repairs. It should be noted that temporary ESC measures were installed in the interim at these locations. On 1/10/2024, 1/11/2024, and 1/12/2024, the Eis observed environmental resource sediment impacts at W-CD5, S-MM48, W-IJ22, and S-A40 (observed by VADEQ) due to the precipitation event causing ESC measures to become overwhelmed and subsequently causing sediment deposition. The VADEQ was immediately notified, ESC measures repaired/maintained or replaced, minor sediment deposition removed, and the areas stabilized within the required timeframes. A Courtesy Notice Force Majeure Declaration and the Final Notice Force Majeure Declaration were submitted to the VADEQ on 1/15/2024 and 1/19/2024, respectively due to the magnitude of this event). <b>Refer to Environmental Inspector Observations, VADEQ Observations, and 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: <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 1/8/2024 through 1/21/2024.</b>											
CARRY OVER ITEMS FROM 1/7/2024											
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
*1/7/2024	0.8"-1.2" - 12 Hours *Rainfall with high intensity intervals occurred on 1/6/2024	10					10			*1 on 1/7/2024 9 on 1/8/2024	Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe. *It should be noted that these daily MVP Punchlist items were not distributed on 1/7/2024 and received on 1/8/2024. <b>Refer to Environmental Field Observations and Recommendations for further discussion.</b>

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
1/9/2024		3					3			3 on 1/10/2024	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/10/2024	2.6"-3.10" - 12 Hours *Rainfall with high intensity intervals occurred on 1/9/2024	140	5	21			140 (includes off right of way and env. resource impacts)	1 on 1/11/2024 (24 Hour) to be completed upon engineer review/redlines 1 on 1/11 and 1/12/2024 (24 Hour) to be completed upon engineer review/redlines	8 on 1/10/2024 34 on 1/11/2024 1 on 1/20/2024 (Ext. Request)	34 on 1/10/2024 45 on 1/11/2024 12 on 1/12/2024 5 on 1/13/2024	One hundred forty items were identified requiring ESC repair/maintenance and 139 were completed within the required timeframe. Twenty-one of the following identified items were identified as off right of way sediment impacts within upland areas in Franklin and Pittsylvania Counties: <b>Franklin County:</b> Eighteen items were identified as off right of way sediment impacts approximately 5, 20, 25, 15, 25, 25, 20, 15, 20, 15, 10, 5, 5, 5, 15, 5, 5, and 10 feet within upland areas. <b>Pittsylvania County:</b> Three items were identified as off right of way sediment impacts approximately 10, 10, and 20 feet within upland areas. A precipitation event on 1/9/2024 with intervals of high intensity rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures were repaired/maintained, off right of way sediment removed, and stabilization occurred within the required timeframes. The Spread I LEI submitted Agency Compliance Forms (Problem Area Reports #799 and #800) on 1/10/2024. Five items were identified as environmental resource impacts at W-CD5, S-MM48, S-H37, S-H13, and S-C17. A precipitation event on 1/9/2024 with intervals of high intensity rainfall produced flooding conditions causing streambanks to erode/slough at S-H37, S-H13, and S-C17. This event caused ESC measures to become overwhelmed resulting in sediment impacts at W-CD5 and S-MM48. The VADEQ was immediately notified, sediment removed, and ESC measures repaired/maintained within the required timeframes. The streambanks were repaired and stabilized at S-H37 and S-H13 (via an extension request approval from the VADEQ). Due to the extent of the streambank damage at S-C17, a long term extension request has been approved by the VADEQ until engineered plans are developed and agency approvals granted. Temporary ESC measures have been installed in the interim. Agency Compliance Forms (Problem Area Reports #804-808) were submitted by the Spread I LEI on 1/10/2024 and 1/12/2024 (S-H13). A Courtesy Notice Force Majeure Declaration and the Final Notice Force Majeure Declaration were submitted to the VADEQ on 1/15/2024 and 1/19/2024, respectively. Refer to Environmental Auditor Field Observations and Recommendations for further discussion.
1/11/2024		68	6	13			68 (includes off right of way and env. resource impacts)	3 on 1/12/2024 (24 Hour) to be completed upon engineer review/redlines and landowner approval	16 on 1/12/2024	1 on 1/11/2024 36 on 1/12/2024 10 on 1/13/2024 2 on 1/14/2024	Sixty-eight items were identified requiring ESC repair/maintenance and 65 were completed within the required timeframe. Thirteen of the following identified items were identified as off right of way sediment impacts within upland areas in Franklin and Pittsylvania Counties: <b>Franklin County:</b> Nine items were identified as off right of way sediment impacts approximately 15, 80, 100, 30, 25, 15, 50, 10, and 80 feet within upland areas. <b>Pittsylvania County:</b> Four items were identified as off right of way sediment impacts approximately 4, 10, 5, and 15 feet within upland areas. A precipitation event on 1/9/2024 with intervals of high intensity rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures were repaired/maintained, off right of way sediment removed, and stabilization occurred within the required timeframes. The Spread I LEI submitted Agency Compliance Forms (Problem Area Reports #801 and #802) on 1/11/2024. Six items were identified as environmental resource impacts at S-D22, S-KL39, S-B6, S-Q3, S-EF26, and W-IJ22. A precipitation event on 1/9/2024 with intervals of high intensity rainfall produced flooding conditions causing streambanks to erode/slough at S-D22, S-KL39, S-B6 and S-EF26. The flooding caused the timber mats at S-Q3 to become displaced off right of way resulting in streambank damage. This event caused ESC measures to become overwhelmed resulting in a sediment impact at W-IJ22. The VADEQ was immediately notified, sediment removed, and ESC measures repaired/maintained within the required timeframe at W-IJ22. The streambank was repaired and stabilized at S-D22 (via an extension request approval from the VADEQ). The timber mats were retrieved at S-Q3 (via landowner permission) within the required timeframe. Due to the extent of the streambank damage at S-KL39, S-B6, and S-EF26 long term extension requests have been approved by the VADEQ until engineered plans are developed and agency approvals granted. Temporary ESC measures have been installed in the interim. Agency Compliance Forms (Problem Area Reports #809-811, #814, #819, and #802) were submitted by the Spread I LEI on 1/11/2024 and 1/12/2024. A Courtesy Notice Force Majeure Declaration and the Final Notice Force Majeure Declaration were submitted to the VADEQ on 1/15/2024 and 1/19/2024, respectively. Refer to Environmental Auditor Field Observations and Recommendations for further discussion.
1/12/2024		27	1	5			27 (includes off right of way and env. resource impacts)	1 on 1/12/2024 (72 Hours) to be completed upon engineer review/redlines	4 on 1/13/2024	13 on 1/13/2024 9 on 1/4/2024	Twenty-seven items were identified requiring ESC repair/maintenance and 26 were completed within the required timeframe. Five items were identified as off right of way sediment impacts approximately 15, 15, 20, 10, and 10 feet within upland areas in Franklin County. A precipitation event on 1/9/2024 with intervals of high intensity rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures were repaired/maintained, off right of way sediment removed, and stabilization occurred within the required timeframes. One of the identified items was an environmental resource impact at S-D23. A precipitation event on 1/9/2024 with intervals of high intensity rainfall and flooding conditions caused the streambank to erode/slough. Due to the extent of the streambank damage a long term extension request has been approved by the VADEQ until engineered plans are developed and agency approvals granted to implement permanent stabilization measures. Temporary ESC measures have been installed in the interim. A Courtesy Notice Force Majeure Declaration and the Final Notice Force Majeure Declaration were submitted to the VADEQ on 1/15/2024 and 1/19/2024, respectively. Refer to Environmental Auditor Field Observations and Recommendations for further discussion.
1/15/2024		16		1		2	14 (includes off right of way impact)		3 on 1/15/2024	8 on 1/15/2024 5 on 1/16/2024	Sixteen 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 and unauthorized traffic. One of the identified items was an off right of way impact approximately 25 feet within an upland area. A precipitation event on 1/9/2024 with intervals of high intensity rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures were repaired/maintained, off right of way sediment removed, and stabilization occurred within the required timeframe.
1/16/2024	2.0"-4.0" - 15 Hours *Snowfall occurred on 1/15/2024 (Information collected from SWPPP VSIRs and communication with the Spread I LEI)	6					6		1 on 1/16/2024	3 on 1/16/2024 1 on 1/17/2024 1 on 1/18/2024	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/17/2024		1								1 on 1/18/2024	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.
1/18/2024		2								2 on 1/18/2024	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. These items were caused by third party impacts related to timber harvesting activities.
1/19/2024		10					7			5 on 1/19/2024 5 on 1/20/2024	Ten 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.



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
1/10/2024	2.6"-3.10" - 12 Hours *Rainfall with high intensity intervals occurred on 1/9/2024	4		1			4	2 on 1/11/2024 to be completed upon landowner approval *Items closed on 1/18/2024 via approval from VADEQ as landowner access not granted	1 on 1/10/2024 2 on 1/18/2024 (Landowner approval not granted)	1 on 1/12/2024	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. A precipitation event on 1/9/2024 with intervals of high intensity rainfall caused ESC measures to become overwhelmed. The ESC measures within the right of way were repaired and enhanced within the required timeframe. Landowner access was not approved to retrieve sediment and the daily MVP Punchlist item was closed via approval from the VADEQ on 1/18/2024. An Agency Compliance Form (Problem Area Report #799) was submitted by the Spread I LEI on 1/10/2024. The Environmental Auditor conducted a site evaluation at this location on 1/11/2024 and provided recommendations to install enhanced ESC measures to minimize erosion.
1/12/2024		*23	1	*4 (Three items are redundant as initially observed by the EI)			23 (Includes off right of way and env. resource impacts)		5 on 1/12/2024 6 on 1/13/2024	1 on 1/12/2024 10 on 1/13/2024	Twenty-three items were identified requiring ESC repair/maintenance and completed within the required timeframe. Four of the identified items were identified as off right of way sediment impacts approximately 10, 20, 20, and 15 feet within upland areas. A precipitation event on 1/9/2024 with intervals of high intensity rainfall caused ESC measures to become overwhelmed. Landowner access was granted, ESC measures were repaired/maintained, off right of way sediment removed, and stabilization occurred within the required timeframe. *It should be noted that three of the items identified as off right of way sediment impacts are redundant as these items were initially identified by the EI.  One of the identified items was an environmental resource sediment impact observed at S-A40. A precipitation event on 1/9/2024 with intervals of high intensity rainfall caused ESC measures to become overwhelmed. The ESC measures were immediately repaired/maintained, and sediment removed from the stream channel within the required timeframe. An Agency Compliance Form (Problem Area Report #813) was submitted by the Spread I LEI on 1/12/2024. A Courtesy Notice Force Majeure Declaration and the Final Notice Force Majeure Declaration were submitted to the VADEQ on 1/15/2024 and 1/19/2024, respectively.
1/17/2024		3					3		2 on 1/17/2024	1 on 1/17/2024	Three items were 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	
1/9/2024	Iron Ridge Road						1			A third party complaint was observed on 1/9/2024 and received by the VADEQ on 1/10/2024 (Pollution Investigation Report_IR #312126). The complainant alleged "MVP sediment coming off row, running through" a property "and into a ravine leading to Blackwater River". The Environmental Auditor noted a daily MVP Punchlist item for an off right of way sediment impact at this location and conducted an evaluation on 1/11/2024. The Environmental Auditor observed the landowner crossing sediment controls overwhelmed by sediment and traveling approximately 25 feet off right of way within an upland location. Based on communication with the Spread I Environmental staff, no resources were impacted. It should be noted that this location received approximately three inches of rainfall in 12 hours from the 1/9/2024 rainfall event. Per the VADEQ website, formal Closure remains pending.	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS							CONCLUSION AND RECOMMENDATIONS			
1/9/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-FR-300/ATWS-569A, Grassy Hill Road (GAS), US-220 (CIS), and State Highway 122 (CIS).							The Environmental Auditor observed locations where the ESC/SWM 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 observations and recommendations related to ESC measures repair/maintenance, installing soil stabilization blanket (SSB) where erosion is occurring in a location hydraulic mulch has not been effective, and an EI to conduct an inspection at this location following the precipitation event to evaluate conditions and if any off right of way impact occurred.			
1/11/2024	The Environmental Auditor conducted site evaluations at the following locations: Iron Ridge Road (CIS/GAS), MVP-FR-303.01 (GAS), MVP-FR-302 (GAS), Brick Church Road (CIS), and MVP-FR-300 (CIS).							The Environmental Auditor conducted site evaluations following the 1/9/2024 precipitation event where rainfall totals ranged from approximately 2.6"-3.1" in 12 hours. The Environmental Auditor observed locations where the ESC/SWM measures appeared to be installed and functional. The Environmental Auditor communicated with the Spread I LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance, erosion occurring where hydraulic mulch appears to be an ineffective measure per Section 3.2 in the Annual Standards and Specifications (AS&S), installing enhanced soil stabilization blanket (SSB)/soil stabilization matting (SSM) where the previously installed SSB may not be an effective measure, installing sediment control measures along the contour where installed below SWM measures, and installing SSB where concentrated runoff is causing erosion along the inside edge of the perimeter sediment controls. The Environmental Auditor communicated what may be an off right of way impact within an upland area at MVP-FR-302. The Spread I Environmental inspection staff conducted a follow up inspection on 1/12/2024 and determined no off right of way impact occurred as the sediment that overtopped the perimeter sediment control was within the project right of way. The Environmental Auditor also evaluated the stream and wetland impacts observed by the EIs at S-C17, S-D22, and W-CD5 and noted streambank damaged caused by high flows during the heavy precipitation event and enhanced ESC measures installed on the slope above W-CD5.			
1/12/2024	The Environmental Auditor conducted site evaluations at the following locations: Transco Road (CIS), H-602, H-603, MVP-PI-332 (CIS), and MVP-FR-322 (GAS).							The Environmental Auditor conducted site evaluations following the 1/9/2024 precipitation event where rainfall totals ranged from approximately 2.6"-3.1" in 12 hours. The Environmental Auditor observed locations where the ESC/SWM measures appeared to be installed and functional. The Environmental Auditor communicated with the Spread I LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance, proper waterbar installation where the heights do not meet the required ESC Plans, erosion occurring where straw mulch appears to be an ineffective measure per Section 3.2 in the Annual Standards and Specifications (AS&S), and installing proper ESC measures on travel lane slopes at environmental resource crossings. The Environmental Auditor also evaluated the stream and wetland impacts observed by the EIs at S-EF46, S-H13, S-MM48, and W-IJ22 and noted streambank damage caused by high flows during the heavy precipitation event and ESC measures repair/maintenance above W-IJ22. The Environmental Auditor recommended the EIs evaluate the Clean Water Diversion (CWD) above W-IJ22 to ensure discharge is not flowing onto the right of way.			
1/8/2024 through 1/21/2024	The Environmental Auditor reviewed and noted the SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread I Project. A daily MVP Punchlist was not submitted on 1/7/2024 and there were ten corrective action identified on that date. The items appeared as resolved on the 1/8/2024 daily MVP Punchlist.  The Environmental Auditor communicated with the Spread I Environmental Coordinator regarding observations related to SWPPP VSIR documentation and consistency with the daily MVP Punchlists. The Environmental Auditor noted no daily MVP Punchlist was submitted on 1/7/2024. The Environmental Auditor communicated with the Spread I Environmental Coordinator on 1/8/2024 and was informed that internet issues occurred the evening of 1/7/2024. The 10 corrective action items identified on 1/7/2024 were provided within the 1/8/2024 daily MVP Punchlist. All of the identified items were prioritized as three days and were completed on 1/8/2024.  The Environmental Auditor communicated with all Spread LEIs on 1/19/2024 regarding the Bi-Weekly reporting period ending on 1/21/2024. The Environmental Auditor recommended the following: repairing erosion (rills/gullies) prior to conducting restabilizing activities, installing soil stabilization blanket (SSB) at locations where straw/hydraulic mulch are not applicable due to flow conditions, monitor/maintain waterbar end sumps where ice forms on accumulated water potentially reducing capacity especially with upcoming forecasted rainfall events, and reviewing daily MVP Punchlists and SWPPP VSIRs to ensure documentation is thorough and consistent.							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 concerns to the Spread I Environmental inspection staff, Chief EI, and MVP Environmental staff throughout the Q3 2023 reporting period through this Bi-Weekly reporting period regarding observations related to ineffective stabilization measures that could potentially result in potential erosion and sediment impacts. The Environmental Auditor also has continued concerns regarding the effectiveness of the jute/straw soil stabilization blanket (SSB) being installed on streambanks and areas of high concentrated flow and has communicated this concern with the Spread I Environmental inspection staff, Chief EI, and MVP Environmental staff.			
REQUIRED FINDINGS AND CONCLUSIONS											
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).									
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes										
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes										
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes										

Report Period Ending: 2/4/2024  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 78 conducted from 1/22/2024 through 2/4/2024 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 1/22/2024 through 2/4/2024 (includes Carry Over Items from 1/21/2024): 317											
Total Number of ODCP Inspections at Laydown Yard 045/046: 7 (1/22/2024 through 1/28/2024); 7 (1/29/2024 through 2/4/2024)											
Total Number of VA DEQ Observations from 1/22/2024 through 2/4/2024: 7											
Total Number of Landowner/Third Party Reported Complaints: 0											
Per the Closure section of the VADEQ Pollution Investigation Report #312126 dated 1/30/2024 based on a third party complaint received by the VADEQ on 1/10/2024, the VADEQ concluded no compliance issues were observed.											
Total Number of Right of Way Impacts Caused by Third Parties: 2 (livestock traffic)											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris): 0											
Total Number of Off Right of Way Impacts: 14 (Off right of way sediment impacts within upland areas were observed by the EIs on 1/28/2024, 1/29/2024, and 1/30/2024 as a result of a precipitation event with intervals of high intensity rainfall that occurred 1/27/2024 into early 1/28/2024. The precipitation event produced approximately 1.5 inches to 2.25 inches of rainfall in 12 hours causing ESC measures to become overwhelmed. The VADEQ was immediately notified, ESC measures repair/maintained/enhanced, landowner access granted, and off right of way sediment cleanup and stabilization occurred within the required timeframes. No environmental resource impacts occurred). Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations for further discussion.											
Total Number of Environmental Resource Impacts: 5 (1-4. On 1/28/2024, the EIs observed sediment impacts at W-CDS, S-MM45, and S-H11 and flooding impacts resulting in streambank erosion at S-H37 as a result of a precipitation event with intervals of high intensity rainfall that occurred 1/27/2024 into early 1/28/2024. The precipitation event produced approximately 1.5 inches to 2.25 inches of rainfall in 12 hours causing ESC measures to become overwhelmed and streambank erosion at S-H37. The VADEQ was immediately notified, ESC measures repair/maintained/enhanced, landowner access granted, and off right of way sediment cleanup and stabilization occurred within the required timeframes. A Courtesy Notice of Force Majeure Declaration for S-H37 was submitted to the VADEQ on 2/1/2024. 5. On 1/29/2024, the Environmental Auditor observed a sediment impact to S-A5 as a result of a precipitation event with intervals of high intensity rainfall that occurred 1/27/2024 into early 1/28/2024. The precipitation event produced approximately 1.5 inches to 2.25 inches of rainfall in 12 hours causing ESC measures to become overwhelmed. The VADEQ was immediately notified, ESC measures repair/maintained/enhanced, landowner access granted, and off right of way sediment cleanup and stabilization occurred within the required timeframe. During the site evaluations, the Environmental Auditor observed ineffective stabilization measures per Section 3.2 of the Annual Standards and Specifications which resulted in the sediment impacts to S-H11 and S-A5. The Environmental Auditor also noted a Clean Water Diversion (CWD) system not installed per the required ESC Plans which resulted in the sediment impact at S-MM45. Refer to Environmental Inspector Observations, Environmental Auditor Field Observations and Recommendations, and Required Findings and Conclusions 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 1/22/2024 through 2/4/2024.											
CARRY OVER ITEMS FROM 1/21/2024											
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
1/10/2024	2.6"-3.10" - 12 Hours *Rainfall with high intensity intervals occurred on 1/9/2024	2	2					1 (24 Hour) on 1/11/2024 to be completed upon engineer review/redlines 1 (24 Hour) on 1/12/2024 to be completed upon engineer review/redlines	1 on 1/20/2024 (1/11/2024 Ext. Request)		Two items were identified an environmental resource impacts at S-C17 and S-H13. The streambanks were undermined/sloughed from flood waters due to the 1/9/2024 precipitation event. Extension requests to repair the slopes upon improved conditions were approved by the VADEQ. Temporary ESC measures were implemented in the interim.
1/11/2024		3	3					3 on 1/12/2024 (24 Hour) to be completed upon engineer review/redlines	2 on 1/23/2024		Three items were identified an environmental resource impacts S-KL39, S-B6, and S-EF26. The streambanks were undermined/sloughed from flood waters due to the 1/9/2024 precipitation event. Extension requests to repair the slopes upon improved conditions were approved by the VADEQ. Temporary ESC measures were implemented in the interim.
1/12/2024		1	1					1 on 1/12/2024 (72 Hours) to be completed upon engineer review/redlines			One item was identified an environmental resource impact at S-D23. The streambank was undermined/sloughed from flood waters due to the 1/9/2024 precipitation event. An extension requests to repair the slope upon improved conditions was approved by the VADEQ. Temporary ESC measures were implemented in the interim.

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
1/22/2024		2					2		1 on 1/22/2024	1 on 1/22/2024	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/23/2024		5					5		1 on 1/23/2024	4 on 1/23/2024	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/24/2024	0.0"-0.4" - 3 Hours *Light rainfall occurred on 1/23/2024	4					4		2 on 1/24/2024	2 on 1/24/2024	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/25/2024	0.0"-0.5" - 6 Hours *Rainfall occurred on 1/24/2024	5				1	4			5 on 1/25/2024	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to livestock traffic.
1/26/2024	0.1"-0.6" - 6 Hours *Rainfall occurred on 1/25/2024	5					5			5 on 1/26/2024	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/27/2024		2				1	1			2 on 1/27/2024	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to livestock traffic.
1/28/2024	1.2"-2.25" - 12 Hours *Precipitation with intervals of high intensity rainfall occurred 1/27/2024 into early 1/28/2024	71	4	5			71 (includes env. resources and off right of way impacts)	2 on 1/29/2024 (24 Hours) to be completed upon engineer review/redlines due to stream impacts	7 on 1/28/2024 11 on 1/29/2024	23 on 1/28/2024 26 on 1/29/2024 2 on 1/30/2024	Seventy-one items were identified requiring ESC repair/maintenance and 69 were completed within the required timeframe. Two of the identified items have been extended until conditions improve to conduct streambank repairs.  Four items were identified as off right of way sediment impacts approximately 20, 5, 10, and 10 feet within upland areas in Franklin County. One item was identified as an off right of way sediment impact approximately 5 feet within an upland area in Pittsylvania County. A precipitation event on late 1/27/2024 into early 1/28/2024 with intervals of high intensity rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures were repaired/maintained/enhanced, off right of way sediment removed, and stabilization occurred within the required timeframe. The Spread I LEI submitted Agency Compliance Forms (Problem Area Reports #839 and #840) on 1/28/2024. No environmental resources were impacted.  Four of the identified items were identified as environmental resource impacts at W-CD5, S-H37, S-MM45, and S-H11. A precipitation event on late 1/27/2024 into early 1/28/2024 with intervals of high intensity rainfall caused ESC measures to become overwhelmed resulting in sediment impacts to W-CD5, S-MM45, and S-H11. Flooding conditions caused streambank erosion within S-H37. The VADEQ was immediately notified, landowner access granted, ESC measures were repaired/maintained/enhanced, soil stabilization blanket was installed on the S-H37 streambank, off right of way sediment removed, and stabilization occurred within the required timeframe. The Spread I LEI submitted Agency Compliance Forms (Problem Area Reports #844, 845, 846, and 847) on 1/28/2024. A Courtesy Notice of Force Majeure Declaration was submitted to the VADEQ on 2/2/2024 for W-CD5 and S-H37. The Environmental Auditor evaluated the environmental resource impacts on 1/29/2024 and observed ineffective stabilization measures per Section 3.2 of the Annual Standards and Specifications and a Clean Water Diversion (CWD) system not installed per the required ESC Plans resulting in sediment impacts to S-H11 and S-MM45, respectively. Refer to Environmental Auditor Field Observations and Recommendations and Required Findings and Conclusions for further discussion.
1/29/2024		70	1	8			70 (includes environmental resource and off right of way impacts)		4 on 1/29/2024 10 on 1/30/2024	19 on 1/29/2024 27 on 1/30/2024 5 on 1/31/2024 5 on 2/1/2024	Seventy items were identified requiring ESC repair/maintenance and completed within the required timeframe. Eight of the identified items were off right of way sediment impacts within upland areas. Two items were identified as off right of way sediment impacts approximately 20 and 50 feet within upland areas in Franklin County. Six items were identified as an off right of way sediment impacts approximately 100, 15, 200, 40, 5, and 10 feet within upland areas in Pittsylvania County.  A precipitation event on late 1/27/2024 into early 1/28/2024 with intervals of high intensity rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures were repaired/maintained/enhanced, off right of way sediment removed, and stabilization occurred within the required timeframe. The Spread I LEI submitted Agency Compliance Forms (Problem Area Reports #841 and #842) on 1/29/2024. No environmental resources were impacted.  One of the identified items was an environmental resource impact observed by the Environmental Auditor at S-A5. A precipitation event on late 1/27/2024 into early 1/28/2024 with intervals of high intensity rainfall caused ESC measures to become overwhelmed resulting in sediment impacts approximately 30 feet within S-A5. The VADEQ was immediately notified, landowner access granted, ESC measures were repaired/maintained/enhanced, off right of way sediment removed, and stabilization occurred within the required timeframe. The Spread I LEI submitted an Agency Compliance Form (Problem Area Report #848) on 1/29/2024. The Environmental Auditor evaluated the right of way draining to S-A5 on 1/29/2024 and observed ineffective stabilization measures per Section 3.2 of the Annual Standards and Specifications. Refer to Environmental Auditor Field Observations and Recommendations and Required Findings and Conclusions for further discussion.
1/30/2024		37		1			37 (includes off right of way impact)		6 on 1/31/2024	2 on 1/30/2024 18 on 1/31/2024 11 on 2/1/2024	Thirty-seven 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 10 feet within an upland area. A precipitation event on late 1/27/2024 into early 1/28/2024 with intervals of high intensity rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures were repaired/maintained/enhanced, off right of way sediment removed, and stabilization occurred within the required timeframe. The Spread I LEI submitted an Agency Compliance Form (Problem Area Report #843) on 1/30/2024.
1/31/2024	0.0"-0.1" - 4 Hours	26					26	1 on 2/1/2024 (24 Hours) to be completed upon engineer review/redlines due to streambank repair)	2 on 2/1/2024 1 on 2/2/2024 (Ext. Request)	11 on 1/31/2024 10 on 2/1/2024 2 on 2/2/2024	Twenty-six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/1/2024		76					76		1 on 2/1/2024 2 on 2/1/2024	12 on 2/1/2024 28 on 2/2/2024 25 on 2/3/2024 8 on 2/4/2024	Seventy-six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/2/2024		8					8			1 on 2/2/2024 7 on 2/3/2024	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
1/25/2024	0.0"-0.5" - 6 Hours *Rainfall occurred on 1/24/2024	1					1			1 on 1/25/2024	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
1/29/2024		6					6		2 on 1/29/2024 1 on 1/30/2024	3 on 1/29/2024	Six items were 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			
1/24/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-FR-313.01 (GAS), State Highway 122 (CIS), and Longwood Road (GAS).							The Environmental Auditor observed locations where the ESC/SWM 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 observations and recommendations related to monitoring a location where upslope run-on may cause potential erosion within the right of way and installing soil stabilization blanket (SSB) as necessary.			
1/25/2024	The Environmental Auditor conducted a site evaluation at MVP-FR-293.02 (CIS/GAS).							The Environmental Auditor observed locations where the ESC/SWM 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 observations and recommendations related to ESC measures repair/maintenance along the access road.			
1/29/2024	The Environmental Auditor conducted site evaluations at the following locations: Rock Creek Road (CIS), Museville Road (GAS), MVP-FR-322 (CIS), MVP-FR-320 (CIS), and Iron Ridge Road (CIS).							The Environmental Auditor observed locations where the ESC/SWM 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 observations where permanent restoration coverage does not meet Section 3.2 of the Annual Standards and Specifications (AS&S) which contributed to an environmental resource impacts S-H11 and S-A5. The Environmental Auditor also communicated a location where a Clean Water Diversion (CWD) system was not installed per the required ESC Plans which contributed to an environmental resource impact at S-MM45. The Environmental Auditor recommended verifying the permanent waterbar end treatments are installed on level grade and regrading and stabilizing the slope with a higher grade soil stabilization blanket above W-CD5.			
1/22/2024 through 2/4/2024	<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 Environmental Coordinator regarding observations related to SWPPP VSIR documentation and consistency with the daily MVP Punchlists. The Environmental Auditor communicated with the MVP Environmental staff regarding inconsistencies between data entries related to the daily MVP Punchlists, Agency Compliance Forms, and Sediment Tracker.</p> <p>Based on the 1/29/2024 SWPP VSIR, non project related sediment impacts occurred within S-MM8, S-CC5, S-CC9, and S-CC10 (east of Climax Road) where previous upslope land development activities occurred. Based on the 1/31/2024 SWPP VSIR, upstream third party dairy farm activities caused milk (dairy)/sediment impacts to S-C3 and S-C4 (west of Lark Drive).</p> <p>Please refer to Required Findings and Conclusions regarding two findings related to inadequate/ineffective stabilization and a CWD drainage system not installed per the ESC Plans/redlines that resulted in environmental resource impacts.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 1/31/2024 regarding the Bi-Weekly reporting period ending on 2/4/2024 and requested all documentation be reviewed for consistency prior to submission.</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>Based on previous and ongoing Environmental Auditor observations and communications related to inadequate stabilization, the Environmental Auditor continues to recommend conducting erosion repairs and implementing adequate stabilization measures throughout affected areas of the right of way.</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?	No	<p>1. Inadequate stabilization not meeting ESC/SWM Plan coverage and timeframe requirements contributed to off right of way and environmental resource impacts at S-H11 and S-A5.</p> <p>2. A Clean Water Diversion (CWD) system was not installed per the ESC Plan/redlines where upslope run-on caused erosion within the right of way resulting in a sediment impact at S-MM45.</p>									
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes										

Report Period Ending: 2/18/2024  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 72 conducted from 2/5/2024 through 2/18/2024 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 2/5/2024 through 2/18/2024 (includes Carry Over Items from 2/4/2024): 70											
Total Number of ODCP Inspections at Laydown Yard 045/046: 7 (2/5/2024 through 2/11/2024); 7 (2/12/2024 through 2/18/2024)											
Total Number of VA DEQ Observations from 2/5/2024 through 2/18/2024: 3											
Total Number of Landowner/Third Party Reported Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 2 ( unauthorized 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: 1 (An off right of way sediment impact within an upland area was observed by the Environmental Auditor on 2/5/2024 as a result of a precipitation event with intervals of high intensity rainfall that occurred on 1/27/2024 into early 1/28/2024. Based on the rain gauge data, the precipitation event produced approximately 1.5 inches of rainfall in 12 hours causing ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repair/maintained, sediment removed, and stabilization occurred within the required timeframe. No environmental resource impacts occurred. Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations for further discussion.											
Total Number of Environmental Resource Impacts: 1 (On 2/13/2024, the EI observed a sediment impact at W-CD5 as a result of a precipitation events with intervals of high intensity rainfall that occurred on 2/11/2024 and 2/12/2024. Based on the rain gauge data, the precipitation events produced approximately 2.0 inches of rainfall in 18 hours causing ESC and SWM measures to become overwhelmed. The VADEQ was immediately notified, ESC measures repair/maintained and sediment removed within the required timeframes. A Courtesy Notice Force Majeure Declaration was submitted to the VADEQ on 2/18/2024. Based on communication with the Spread I Environmental inspection and MVP Environmental staff, the slope above W-CD5 will be regraded and additional/enhanced ESC measures installed). Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations for further discussion.											
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0											
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 2/5/2024 through 2/18/2024.											
CARRY OVER ITEMS FROM 2/4/2024											
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
1/10/2024	2.6"-3.10" - 12 Hours *Rainfall with high intensity intervals occurred on 1/9/2024	1	1					1 on 1/12 and 2/13/2024 (24 Hours) to be completed upon engineer review/redlines			One item was identified as an environmental resource impact at S-C17. The streambank was undermined/sloughed from flood waters due to the 1/9/2024 precipitation event. An extension request to repair the slopes upon improved conditions were approved by the VADEQ. Temporary ESC measures were implemented in the interim.
1/11/2024	2.6"-3.10" - 12 Hours *Rainfall with high intensity intervals occurred on 1/9/2024	1	1					1 on 1/12 and 2/13/2024 (24 Hours) to be completed upon engineer review/redlines			One item was identified as an environmental resource impact at S-KL39. The streambank was undermined/sloughed from flood waters due to the 1/9/2024 precipitation event. An extension request to repair the slope upon improved conditions were approved by the VADEQ. Temporary ESC measures were implemented in the interim.
1/12/2024	2.6"-3.10" - 12 Hours *Rainfall with high intensity intervals occurred on 1/9/2024	1	1					1 on 1/12/2024 (72 Hours) to be completed upon engineer review/redlines		1 on 2/8/2024	One item was identified as environmental resource impact at S-D23 and completed within the required timeframe via an extension request approval. The streambank which was undermined/sloughed from flood waters due to the 1/9/2024 precipitation event was repaired and stabilized. Temporary ESC measures were implemented in the interim.
1/28/2024	1.2"-2.25" - 12 Hours *Precipitation with intervals of high intensity rainfall occurred on 1/27/2024	2	2					2 on 1/29/2024 (24 Hours) to be completed upon engineer review/redlines	1 on 2/5/2024		Two items were identified as environmental resource impacts at S-CD8 and S-D1-EPH. The streambanks were undermined/sloughed from flood waters due to the 1/27/2024-1/28/2024 precipitation event. The streambank was restored at S-CD8 within the required timeframe via an extension request approval by the VADEQ. Temporary ESC measures were implemented in the interim.
ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
2/5/2024		4		1			4 (includes off right of way impact)		1 on 2/5/2024	1 on 2/5/2024 2 on 2/6/2024	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the items, identified by the Environmental Auditor, was an off right of way sediment impact approximately 10 feet within an upland area. Based on precipitation gauge data, rainfall events occurred on 1/27/2024 into early 1/28/2024 caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/maintained, off right of way sediment removed and stabilization occurred within the required timeframe. No environmental resources were impacted. The Environmental Auditor observed this impact and continues to highly recommend installing soil stabilization blanket (SSB) throughout this location due to ineffective stabilization measures.
2/6/2024		2					2			2 on 2/7/2024	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/7/2024		3					3		1 on 2/7/2024	2 on 2/7/2024	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/8/2024		11					11			7 on 2/8/2024 4 on 2/9/2024	Eleven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/9/2024		2				1	1			2 on 2/9/2024	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to unauthorized traffic.
2/12/2024	0.75"-1.0" - 12 Hours *Rainfall occurred on 2/11/2024	2					2		1 on 2/13/2024	1 on 2/13/2024	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/13/2024	0.5"-1.4" - 6 Hours *Precipitation with an interval of high intensity rainfall occurred on 2/12/2024	9	1				9 (includes env. resource impact)		1 on 2/13/2024	7 on 2/13/2024 1 on 2/14/2024	Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was a sediment impact to an environmental resource (W-CD5). Precipitation events with intervals of high intensity rainfall occurred on 2/11/2024 and 2/12/2024 causing ESC/SWM measures to become overwhelmed resulting in erosion and areas of sloughing on the slope above W-CD5. The VADEQ was immediately notified, ESC/SWM measures repaired/maintained, and the sediment removed from the wetland. Based on communication with the Spread I Environmental inspection and MVP Environmental staff, the slope will be regraded and interim waterbars installed to direct flow off right of way. An Agency Compliance Form (Problem Area Report #889) was submitted by the Spread I LEI on 2/13/2024. A Courtesy Notice Force Majeure Declaration was submitted to the VADEQ on 2/18/2024. The Environmental Auditor conducted a site evaluation on 2/16/2024 and identified additional ESC repairs directly above W-CD5 and observed preparation for slope mitigation measures at the time of the evaluation.
2/14/2024		21				1	20		1 on 2/14/2024	16 on 2/14/2024 4 on 2/15/2024	Twenty-one items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the items was caused by third party impacts related to wildlife traffic.
2/15/2024		5					5		2 on 2/15/2024	3 on 2/15/2024	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/16/2024		5					5			5 on 2/16/2024	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/17/2024		1					1			1 on 2/17/2024	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
2/6/2024		1					1			1 on 2/7/2024	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
2/8/2024		1					1		1 on 2/8/2024		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
2/17/2024		1					1			1 on 2/17/2024	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				
2/5/2024	The Environmental Auditor conducted site evaluations at the following locations: US-220 (CIS), Jones Mill Lane (GAS), Longwood Road (GAS), MVP-FR-302 (GAS), and Brick Church Road (GAS).						The Environmental Auditor observed locations where the ESC/SWM 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 observations and recommendations related to conducting repairs to a Clean Water Diversion (CWD) dike where runoff is entering the active right of way, verifying SWM permanent waterbar end treatments are installed on level grade, an off right of way sediment impact within an upland area, and upgrading soil stabilization blanket (SSB) on a streambank (S-D20) where the current SSB is damaged and ineffective per Section 3.2 of the Annual Standards and Specifications (AS&S). The Environmental Auditor conducted a site evaluation at the S-C19 (Maggodee Creek) active stream crossing and observed the bladder dams and surrounding ESC measures installed and functional at the time of the evaluation. The Environmental Auditor continues to highly recommend installing SSB throughout areas of the right of way where the current stabilization measures are ineffective per Section 3.2 of the AS&S.				
2/12/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-PI-340 (CIS/GAS), Riddle Road (GAS), MVP-PI-336.01 (CIS), Longwood Road (GAS), and US-220 (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 I LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to conducting ESC measures repair/maintenance. Per continued observations, the Environmental Auditor requested specifications regarding maximum allowable velocity and shear stress related to the soil stabilization blanket (SSB) installed on streambanks and other areas of high flows.				
2/16/2024	The Environmental Auditor conducted site evaluations at Iron Ridge Road (CIS) and Leaning Oak Road (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 I LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to conducting ESC measures repair/maintenance. The Environmental Auditor evaluated W-CD5 and the above slope where an environmental resource sediment impact was observed by the EI on 2/13/2024 due to a precipitation events on 2/11/2024 and 2/12/2024. The Environmental Auditor observed equipment staged to conduct regrading activities on the slope above W-CD5.				
2/5/2024 through 2/18/2024	<p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VISRs, and ODCP reports to be compliant during this reporting period for the Spread I Project.</p> <p>On 2/6/2024 and 2/12/2024, the EI observed turbidity in S-C3 and S-C4 (west of Lark Drive) due to upstream third party dairy farm activities. On 2/13/2024, the EI observed turbidity in S-G4 (west of Toshes Road) where previous third party earth disturbance activities occurred upstream of the project area. On 2/14/2024, the EI observed turbidity and sediment within S-MM8, S-CC5, S-CC9, and S-CC10 (east of Climax Road) where previous third party land disturbance activities occurred upstream of the project area.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 2/15/2024 regarding the Bi-Weekly reporting period ending on 2/18/2024. The Environmental Auditor provided the following technical and administrative recommendations: Monitor compost filter sock and replace where the height becomes compromised when flattened, install soil stabilization blanket (SSB) within waterbar flow paths where erosion is occurring and stabilize areas with an effective BMP measure per the Annual Standards and Specifications where continued erosion is occurring, conduct stabilization throughout the right of way based on the required ESC Plan stabilization timeframes, and review SWPPP VISRs to ensure all information is complete and consistent with the 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 continues to communicate with the Spread I LEI, Chief EI, and MVP Environmental staff regarding areas where permanent stabilization is ineffective per Section 3.2 of the AS&amp;S and highly recommends installing adequate stabilization measures to minimize ongoing erosion and sediment impacts,</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: 3/3/2024  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: <b>78</b> conducted from 2/19/2024 through 3/3/2024 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 2/19/2024 through 3/3/2024 (includes Carry Over Items from 2/18/2024): <b>68</b>											
Total Number of ODCP Inspections at Laydown Yard 045/046: <b>6</b> (2/19/2024 through 2/24/2024); <b>6</b> (2/26/2024 through 3/2/2024)											
Total Number of VA DEQ Observations from 2/19/2024 through 3/3/2024: <b>10</b>											
Total Number of Landowner/Third Party Reported Complaints: <b>0</b>											
Total Number of Right of Way Impacts Caused by Third Parties: <b>6</b> (livestock traffic and wildlife 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>1</b> (On 2/23/2024, the VADEQ inspectors identified an off right of way sediment impact within an upland area from dewatering activities related to the S-F11 (Blackwater River) open cut crossing. The dewatering facilities were properly installed and functional; however, fine sediment deposited behind ESC measures deployed within a field along the flow path. Landowner access was granted, sediment removed from the field, the area stabilized, and the dewatering structures repaired/maintained within the required timeframe. No environmental resource impacts occurred. It should be noted). <b>Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations for further discussion.</b>											
Total Number of Environmental Resource Impacts: <b>2</b> (1. On 2/21/2024, the EI identified a sediment impact within S-F11 (Blackwater River) east of State Highway 122. During dewatering activities late on 2/20/2024, water discharged from the dewatering facilities flowed across a field to a low point above the streambank resulting in the streambank sloughing resulting in sediment deposition into S-F11. Pumping activities were immediately shut down, the dewatering facilities decommissioned, and the VADEQ was notified early morning on 2/21/2024. Per a site evaluation conducted by the Environmental Auditor on 2/21/2024, turbidity curtains were installed within S-F11 just below the impacted slope to contain further sediment migration. Based on a follow up evaluation conducted by the Environmental Auditor on 2/26/2024, it appeared that the sediment was removed. An extension request has been approved by the VADEQ to conduct streambank repairs upon engineer review/redlines and agency approvals. 2. On 2/22/2024, the EI observed a sediment impact within S-C19 (Maggodee Creek). During dewatering activities, water flowed through existing gullies on the S-C19 streambank resulting in sediment deposition into the stream. Dewatering activities were adjusted between the multiple dewatering structures and additional enhanced ESC measures were installed to redirect the flow. Turbidity curtains were installed throughout locations within S-C19. The contractor staff completed sediment cleanup and streambank stabilization on 2/23/2024). It should be noted that the MVP Environmental staff conducted evaluations at S-F11 and S-C19 immediately following the impacts and communicated/coordinated with the Spread I Environmental inspection staff and the VADEQ. <b>Refer to VADEQ Observations and 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: <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 2/19/2024 through 3/3/2024.</b>											
CARRY OVER ITEMS FROM 2/18/2024											
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
1/10/2024	2.6"-3.10" - 12 Hours *Rainfall with high intensity intervals occurred on 1/9/2024	1	1					1 on 1/12 and 2/13/2024 (24 Hours) to be completed upon engineer review/redlines	1 on 2/19/2024		One item was identified as an environmental resource impact at S-C17. The streambank was undermined/sloughed from flood waters due to the 1/9/2024 precipitation event. The streambank was repaired within the required timeframe via an extension request approval from the VADEQ. Temporary ESC measures were implemented in the interim. Temporary ESC measures were implemented in the interim.
1/11/2024	2.6"-3.10" - 12 Hours *Rainfall with high intensity intervals occurred on 1/9/2024	1	1					1 on 1/12 and 2/13/2024 (24 Hours) to be completed upon engineer review/redlines			One item was identified as an environmental resource impact at S-KL39. The streambank was undermined/sloughed from flood waters due to the 1/9/2024 precipitation event. Temporary ESC measures were implemented in the interim.
1/28/2024	1.2"-2.25" - 12 Hours *Precipitation with intervals of high intensity rainfall occurred on 1/27/2024	1	1					1 on 1/29/2024 (24 Hours) to be completed upon engineer review/redlines			One item was identified as environmental resource impact at S-D1-EPH. The streambank was undermined/sloughed from flood waters due to the 1/27/2024-1/28/2024 precipitation event. Temporary ESC measures were implemented in the interim.

ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
2/19/2024		2					2			2 on 2/19/2024	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/20/2024		17					17			17 on 2/20/2024	Seventeen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/21/2024		11	1			1	10 (includes environmental resource impact)	1 on 2/22/2024 (24 Hours) to be completed upon engineer review/redlines		10 on 2/21/2024	Eleven items were identified requiring ESC repair/maintenance and 10 were completed within the required timeframe. One of the identified items was caused by third party impacts related to wildlife traffic. One item was identified as an environmental resource impact at S-F11 (Blackwater River) east of State Highway 122. On late evening 2/20/2024, the EI observed the streambank sloughing due to water flowing from the dewatering facilities to a natural low point just above the streambank. Pumping activities were immediately shut down, the dewatering facilities decommissioned, and the VADEQ was notified early morning on 2/21/2024. Per a site evaluation conducted by the Environmental Auditor on 2/21/2024, turbidity curtains were installed within S-F11 just below the impacted slope to contain further sediment migration. Based on a follow up evaluation conducted by the Environmental Auditor on 2/26/2024, it appeared that the sediment was retrieved. An extension request has been approved by the VADEQ to conduct streambank repairs upon engineer review/redlines and agency approvals. An Agency Compliance Form (Problem Area Report #894) was submitted by the Spread I LEI late on 2/20/2024 upon discovering the impact.
2/22/2024		5	1				5 (includes environmental resource impact)	1 on 2/22/2024 (24 Hours) to be completed upon verification by the VADEQ Aquatic Biologist		4 on 2/22/2024	Five items were identified requiring ESC repair/maintenance and four were completed within the required timeframe. One item was identified as an environmental resource impact at S-C19 (Maggodee Creek). During dewatering activities for the S-F11 open cut crossing, the water flowed to natural low spots through existing gullies on the S-C19 streambank resulting in sediment deposition into S-C19. Dewatering activities were adjusted between the multiple dewatering structures and additional enhanced ESC measures were implemented to control and stabilize the flow path. Turbidity curtains were installed within S-C19. On 2/23/2024, the Environmental Auditor conducted a site evaluation and contractor crews were observed conducting maintenance activities. Based on a follow up evaluation conducted by the Environmental Auditor on 2/26/2024, it appeared that the sediment was removed from the impacted areas. The VADEQ approved an extension request until a VADEQ aquatic biologist confirms sediment removal and streambank stabilization measures are adequate. An Agency Compliance Form (PAR #895) was submitted by the Spread I LEI on 2/22/2024.
2/23/2024		3				1	2			3 on 2/23/2024	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.
2/24/2024	0.0"-0.2" - 2 Hours *Intermittent/isolated showers occurred on 2/23/2024	2					2			2 on 2/24/2024	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/26/2024		4					4			3 on 2/26/2024 1 on 2/27/2024	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/27/2024		4				4				4 on 2/27/2024	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. This items were caused by third party impacts related to wildlife traffic (2) and livestock traffic (2).
2/28/2024	0.1"-0.2" - 6 Hours *Intermittent showers occurred on 2/27/2024	6					6			6 on 2/28/2024	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/29/2024	0.4"-1.0" - 2 Hours *Precipitation with an interval of high intensity/short duration rainfall occurred on 2/28/2024	3					3			3 on 2/29/2024	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/1/2024		3					3			3 on 3/1/2024	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/2/2024	0.7"-2.8" - 12 Hours *Precipitation with locations experiencing high intensity/short duration rainfall occurred late 3/1/2024 into early 3/2/2024	5					5		1 on 3/2/2024	3 on 3/2/2024	Five items were identified requiring ESC repair/maintenance and four were completed within the required timeframe. <b>One 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
2/23/2024		1		1			1 (Off right of way Impact)		1 on 2/24/2024		One item was identified an off right of way sediment impact within an upland area from dewatering activities related to the S-F11 open cut crossing. The dewatering facilities were properly installed and functional; however, fine sediment deposited behind ESC measures deployed within a field along the flow path. Landowner acces was granted, sediment removed from the field, the area stabilized, and the dewatering structures repaired/maintained within the required timeframe. No environmental resource impacts occurred. The Environmental Auditor conducted a site evaluation on 2/23/2024 and observed the contractor crews conducting repairs to the dewatering facilities and initiating clean up where the sediment was deposited in the field. The Environmental Auditor conducted a follow-up evaluation on 2/26/2024 and observed the sediment removed and the area stabilized. An Agency Compliance Form (PAR #895) was submitted by the Spread I LEI on 2/23/2024.
2/26/2024		3					3		1 on 2/26/2024	2 on 2/26/2024	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/28/2024	0.1"-0.2" - 6 Hours *Intermittent showers occurred on 2/27/2024	2					2			2 on 2/28/2024	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/29/2024	0.4"-1.0" - 2 Hours *Precipitation with an interval of high intensity/short duration rainfall occurred on 2/28/2024	4					4			4 on 2/29/2024	Four items were 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				
2/21/2024	The Environmental Auditor conducted site evaluations at the following locations: Longwood Road (GAS), Farm View Road (CIS/GAS), Golden View Road (GAS), MVP-FR-313.01 (GAS), and MVP-FR-315 (CIS/GAS).						The Environmental Auditor observed locations where the ESC/SWM 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 observations and recommendations related to installing slope drains per the ESC Plan requirements and verifying permanent waterbars and end treatments are constructed per the ESC/SWM Plans related to gradients. The Environmental Auditor conducted a site evaluation at the S-F11 (Blackwater River) active stream crossing and observed the bladder dams and surrounding ESC measures installed and functional at the time of the evaluation. The Environmental Auditor evaluated a location downstream of the active crossing where erosion/sloughing occurred during dewatering activities resulting in sediment deposition within S-F11. The Environmental Auditor observed a turbidity curtain installed and functional several feet beyond the S-F11 streambank and noted that the impacted streambank was previously unstable due to the natural flow regime concentrating at this location. Pumping was not occurring at the properly installed dewatering facility southwest of the impacted area and per communication with the MVP Environmental staff, dewatering activities will occur further north. The Environmental Auditor observed the contractor crews conducting upgrades to the pre-existing dewatering facilities which will discharge to an open field adjacent to S-C19 (Maggodee Creek).				
2/23/2024	The Environmental Auditor conducted site evaluations at Longwood Road (GAS) and MVP-FR-311 (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 I LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to proper installation of waterbars and a waterbar in cut sediment sump per the ESC Plan requirements. The Environmental Auditor conducted a site evaluation at the S-F11 (Blackwater River) active stream crossing and observed the open cut crossing completed, the bladder dam/pump around dismantled, and dewatering activities ceased at the time of the evaluation. The Environmental Auditor evaluated a location at the S-C19 streambank where erosion/sloughing occurred during dewatering activities resulting in sediment deposition within the stream. The Environmental Auditor observed a turbidity curtains installed and functional at the base of the streambank and downstream within S-C19. The Environmental Auditor noted that the impacted streambank was previously unstable due to the natural flow regime concentrating at this location where turbidity decreased and no turbidity was observed at the confluence of S-C19 and S-F11 during the evaluation. The Environmental Auditor observed the contractor crews conducting maintenance on the streambank at the time of the evaluation. The Environmental Auditor also observed sediment deposition within the field just below the dewatering facilities. The contractor is slated to conduct sediment removal once saturated conditions improve. No sediment from the dewatering facilities appeared to impact S-C19.				
2/26/2024	The Environmental Auditor conducted site evaluations at the following locations: Bar Ridge Road (GAS), MVP-FR-323 (CIS), MVP-FR-322 (CIS/GAS), MVP-FR-321 (CIS/GAS), and Longwood 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 I LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance and installing additional sediment controls on travel lane slopes above environmental resource crossings. The Environmental Auditor evaluated the streambank locations at S-C19 and S-F11 where previous unstable slopes eroded/sloughed during dewatering activities. It appeared that the sediment was removed at both locations. The Environmental Auditor observed the sediment removed from the upland field and the areas stabilized just below the dewatering facilities.				
2/19/2024 through 3/3/2024	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.  On 2/28/2024, the EI observed turbidity in S-C3 and S-C4 (west of Lark Drive) due to upstream third party dairy farm activities.  The Environmental Auditor communicated with all Spread LEIs on 2/29/2024 regarding the Bi-Weekly reporting period ending on 3/3/2024. The Environmental Auditor provided a reminder to ensure stabilization activities are implemented within the ESC Plan required timeframe.						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.				
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: 3/17/2024  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: <b>72</b> conducted from 3/4/2024 through 3/17/2024 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards)
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 3/4/2024 through 3/17/2024 (includes Carry Over Items from 3/3/2024): <b>78</b>
Total Number of ODCP Inspections at Laydown Yard 045/046: <b>7</b> (3/4/2024 through 3/10/2024); <b>6</b> (3/11/2024 through 3/16/2024)
Total Number of VA DEQ Observations from 3/4/2024 through 3/17/2024: <b>19</b>
Total Number of Landowner/Third Party Reported Complaints: <b>0</b>
Total Number of Right of Way Impacts Caused by Third Parties: <b>9</b> (livestock traffic, wildlife traffic, unauthorized traffic, and tree removal activities)
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 3/4/2024 through 3/17/2024.

CARRY OVER ITEMS FROM 3/3/2024

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
1/11/2024	2.6"-3.10" - 12 Hours *Rainfall with high intensity intervals occurred on 1/9/2024	1	1					1 on 1/12 and 2/13/2024 (24 Hours) to be completed upon engineer review/redlines			One item was identified as an environmental resource impact at S-KL39. The streambank was undermined/sloughed from flood waters due to the 1/9/2024 precipitation event. Temporary ESC measures were implemented in the interim.
1/28/2024	1.2"-2.25" - 12 Hours *Precipitation with intervals of high intensity rainfall occurred on 1/27/2024	1	1					1 on 1/29/2024 (24 Hours) to be completed upon engineer review/redlines			One item was identified as environmental resource impact at S-D1-EPH. The streambank was undermined/sloughed from flood waters due to the 1/27/2024-1/28/2024 precipitation event. Temporary ESC measures were implemented in the interim.
2/21/2024		1	1					1 on 2/22 and 2/29/2024 (24 Hours) to be completed upon engineer review/redlines			One item was identified as an environmental resource impact at S-F11 (Blackwater River) requiring streambank repair due to water flowing from the dewatering facilities to a natural low point just above the streambank resulting in the bank sloughing. Sediment caused by the streambank sloughing was removed below the streambank. A long term extension request has been approved by the VADEQ on 2/29/2024 to conduct streambank repairs upon engineer review/redlines and agency approvals.
2/22/2024		1	1					1 on 2/22 and 2/29/2024 (24 Hours) to be completed upon verification by the VADEQ Aquatic Biologist			One item was identified as an environmental resource impact at S-C-19 (Maggoe Creek) requiring streambank repair due to water flowing from dewatering facilities to natural low spots and through existing gullies on the S-C19 streambank. Sediment caused by the streambank erosion was removed. The VADEQ required an extension request until an aquatic biologist from the agency confirms sediment removal and streambank stabilization are adequate.
3/2/2024		1					1			1 on 3/4/2024	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
3/4/2024		7				1	6		1 on 3/4/2024	5 on 3/4/2024 1 on 3/5/2024	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 unauthorized traffic.
3/5/2024		9					9		1 on 3/5/2024	6 on 3/5/2024 2 on 3/7/2024	Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/7/2024	0.1"-0.6" - 24 Hours *Rainfall occurred on 3/6/2024	15				1	14		2 on 3/7/2024	13 on 3/7/2024	Fifteen 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.
3/10/2024	1.0"-3.1" - 12 Hours *Precipitation with localized high intensity/short duration rainfall occurred on 3/9/2024	6					6			6 on 3/10/2024	Six items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
3/11/2024		10				2	8		2 on 3/11/2024	8 on 3/11/2024	Ten 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.
3/12/2024		4					4			4 on 3/12/2024	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/13/2024		6					6			5 on 3/13/2024 1 on 3/14/2024	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/14/2024		3					3			1 on 3/14/2024 2 on 3/15/2024	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe. It should be noted that these items were mislabeled as 3/13/2024 and corrected to reflect 3/14/2024 on the 3/15/2024 daily MVP Punchlist.
3/15/2024		13				5	8			12 on 3/15/2024 1 on 3/16/2024	Thirteen items were identified requiring ESC/Pollution Prevention 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 (1), unauthorized traffic (2), and private tree removal activities (1).

VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
3/4/2024		1					1			1 on 3/4/2024	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
3/5/2024		1					1			1 on 3/5/2024	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
3/8/2024		6					6		1 on 3/8/2024	4 on 3/8/2024 1 on 3/9/2024	Six items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
3/12/2024		10					10		1 on 3/12/2024	9 on 3/4/2024	Ten items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
3/13/2024		1					1			1 on 3/13/2024	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				
3/5/2024	The Environmental Auditor conducted site evaluations at the following locations: Longwood Road (GAS), Angle Plantation Road (GAS), Iron Ridge Road (CIS/GAS), MVP-FR-302 (GAS), and Brick Church Road (CIS/GAS).						The Environmental Auditor observed locations where the ESC/SWM 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 observations and recommendations related to ESC measures repair/maintenance.				
3/11/2024	The Environmental Auditor conducted site evaluations at the following locations: Angle Plantation Road (CIS), Jones Mill Lane (CIS), Bonbrook Mill Road #2 (CIS/GAS), Bonbrook Mill Road #1 (GAS), and Iron Ridge Road (CIS).						The Environmental Auditor observed locations where the ESC/SWM 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 observations and recommendations related to ESC measures repair/maintenance. The Environmental Auditor evaluated S-KL39 (Bonbrook Mill Road #1) observed no recent impacts and the temporary soil stabilization blanket in place where the east streambank was damaged during the 1/9/2024 heavy rainfall event.				
3/15/2024	The Environmental Auditor conducted a site evaluation at 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, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance.				
3/4/2024 through 3/17/2024	<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>On 3/5/2024 and 3/11/2024, the EI observed milk (dairy) and turbidity in S-C3 and S-C4 (west of Lark Drive) due to upstream third party dairy farm activities. On 3/7/2024, the EI observed turbidity and sediment within S-MM8, S-CC5, S-CC9, and S-CC10 (east of Climax road) where previous third party land disturbance activities occurred upstream of the project area.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 3/13/2024 regarding the Bi-Weekly reporting period ending on 3/17/2024 and Q1 2024 reporting period ending on 3/31/2024. The Environmental Auditor provided a recommendation to ensure all Pollution Prevention secondary containment measures are installed on level grade and immediately repaired/maintained following rainfall events and when damaged during construction.</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>				
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: 3/31/2024  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 78 conducted from 3/18/2024 through 3/31/2024 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards)
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 3/18/2024 through 3/31/2024 (includes Carry Over Items from 3/17/2024): 106
Total Number of ODCP Inspections at Laydown Yard 045/046: 7 (3/18/2024 through 3/24/2024); 6 (3/25/2024 through 3/30/2024)
Total Number of VA DEQ Observations from 3/18/2024 through 3/31/2024: 23
Total Number of Landowner/Third Party Reported Complaints: 0
Total Number of Right of Way Impacts Caused by Third Parties: 15 (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: 1 (An off right of way sediment impact within an upland area was observed by the VADEQ inspector on 3/28/2024 as a result of a precipitation event that occurred late 3/27/2024. Based on the nearest rain gauge data location, the precipitation event produced approximately 0.4 inches of rainfall in 6 hours causing ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repair/maintained, sediment removed, and stabilization occurred within the required timeframe). No environmental resource impacts occurred. Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations for further discussion.
Total Number of Environmental Resource Impacts: 0
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 3/18/2024 through 3/31/2024.

CARRY OVER ITEMS FROM 3/17/2024

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
1/11/2024	2.6"-3.10" - 12 Hours *Rainfall with high intensity intervals occurred on 1/9/2024	1	1					1 on 1/12 and 2/13/2024 (24 Hours) to be completed upon engineer review/redlines	1 on 3/19/2024 (long term extension request)		One item was identified as an environmental resource impact at S-KL39. The streambank was undermined/sloughed from flood waters due to the 1/9/2024 precipitation event. Temporary ESC measures were implemented in the interim and final streambank restoration was completed within the required timeframe via extension requests approved by the VADEQ.
1/28/2024	1.2"-2.25" - 12 Hours *Precipitation with intervals of high intensity rainfall occurred on 1/27/2024	1	1					1 on 1/29/2024 (24 Hours) to be completed upon engineer review/redlines			One item was identified as environmental resource impact at S-D1-EPH. The streambank was undermined/sloughed from flood waters due to the 1/27/2024-1/28/2024 precipitation event. Temporary ESC measures were implemented in the interim.
2/21/2024		1	1					1 on 2/22 and 2/29/2024 (24 Hours) to be completed upon engineer review/redlines			One item was identified as an environmental resource impact at S-F11 (Blackwater River) requiring streambank repair due to water flowing from the dewatering facilities to a natural low point just above the streambank resulting in the bank sloughing. Sediment caused by the streambank sloughing was removed below the streambank. A long term extension request has been approved by the VADEQ on 2/29/2024 to conduct streambank repairs upon engineer review/redlines and agency approvals.
2/22/2024		1	1					1 on 2/22 and 2/29/2024 (24 Hours) to be completed upon verification by the VADEQ Aquatic Biologist			One item was identified as an environmental resource impact at S-C-19 (Maggoodee Creek) requiring streambank repair due to water flowing from dewatering facilities to natural low spots and through existing gullies on the S-C19 streambank. Sediment caused by the streambank erosion was removed. The VADEQ required an extension request until an aquatic biologist from the agency confirms sediment removal and streambank stabilization are adequate.

ENVIRONMENTAL INSPECTOR OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
3/19/2024		2					2			2 on 3/19/2024	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/20/2024		1					1			1 on 3/21/2024	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
3/21/2024		5					5			1 on 3/21/2024 4 on 3/22/2024	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/25/2024		34				4	30		2 on 3/25/2024 1 on 3/26/2024	28 on 3/25/2024 3 on 3/26/2024	Thirty-four 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 livestock traffic (2) and unauthorized traffic (2).
3/26/2024		7				1	6			7 on 3/26/2024	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party activities related to livestock traffic.
3/27/2024	0.2"-0.7" - 6 Hours *Rainfall occurred on 3/26/2024	14				4	10		1 on 3/27/2024	13 on 3/27/2024	Fourteen 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 unauthorized traffic (1).
3/28/2024	0.0"-1.5" - 6 Hours *Isolated rainfall with the heaviest intensity at the eastern section of the spread occurred on 3/27/2024	26				2	24			24 on 3/28/2024 2 on 3/29/2024	Twenty-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 livestock traffic and unauthorized traffic.
3/29/2024		11				3	8			11 on 3/29/2024	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 livestock traffic.
3/30/2024		2				1	1			2 on 3/30/2024	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party activities 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
3/21/2024		5					5			3 on 3/21/2024 2 on 3/22/2024	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/22/2024		1					1			1 on 3/23/2024	One item was identified requiring ESC repair/maintenance and completed within the required timeframe
3/25/2024		1					1			1 on 3/25/2024	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
3/26/2024		5					5			5 on 3/26/2024	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/27/2024	0.2"-0.7" - 6 Hours *Rainfall occurred on 3/26/2024	1					1			1 on 3/27/2024	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
3/28/2024	0.0"-1.5" - 6 Hours *Isolated rainfall with the heaviest intensity at the eastern section of the spread occurred late 3/27/2024	10		1			10 (includes off right of way impact)	1 on 3/30/2024 (72 Hours) to be completed on 4/2/2024		9 on 3/28/2024	Ten items were identified requiring ESC repair/maintenance and nine were completed within the required timeframe. One of the identified items was an off right of way sediment impact approximately 100 feet within an upland area east of Webster Road. No environmental resources were impacted. <b>An extension request has been approved by the VADEQ due to wet conditions on the right of way.</b>
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				
3/18/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-LY-032, MVP-LY-033, MVP-LY-ANC-006, MVP-LY-045/46, MVP-FR-305 (CIS/GAS), and MVP-FR-300 (CIS/GAS).						The Environmental Auditor observed locations where the ESC/SWM and 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 observations and recommendations related to ESC/Pollution Prevention measures repair/maintenance.				
3/21/2024	The Environmental Auditor conducted site evaluations at the following locations: Oxford Road (GAS), Lark Drive (CIS/GAS), MVP-PI-332 (CIS), and Indian Cave Road (CIS).						The Environmental Auditor observed locations where the ESC and 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 observations and recommendations related to ESC measures repair/maintenance and installing soil stabilization blanket (SSB) in a location where erosion is occurring near the edge of the right of way.				
3/25/2024	The Environmental Auditor conducted site evaluations at the following locations: Transco Road (CIS), H-602, H-603, Transco Interconnect, MVP-PI-338 (CIS/GAS), and Anderson Mill Road #3 (GAS).						The Environmental Auditor observed locations where the ESC and 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 observations and recommendations related to ESC measures repair/maintenance and installing a temporary waterbar per the ESC Plan requirements.				
3/18/2024 through 3/31/2024	<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>On 3/27/2024, the EI observed milk (dairy) and turbidity in S-C3 and S-C4 (west of Lark Drive) due to upstream third party dairy farm activities.</p> <p>The Spread I Environmental Coordinator and Chief EI communicated with the Environmental Auditor regarding the off right of way sediment impact observed by the VADEQ inspector on 3/28/2024.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 3/27/2024 regarding the Bi-Weekly reporting period and the Q1 2024 reporting period ending on 3/31/2024. The Environmental Auditor provided technical recommendations to monitor and conduct frequent temporary bridge/mat maintenance within active areas of construction and to monitor Pollution Prevention secondary containment measures (including solids) and conduct maintenance throughout the work day and prior to and after rainfall events.</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.				
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										