



**Mountain Valley Pipeline Project
Environmental Auditor
Quarterly Reports for Q4 2023
January 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 Q4 2023 Environmental Auditor Quarterly Reports including the required Bi-Weekly Reports per my review of the Mountain Valley Pipeline (MVP). These reports are provided in accordance with the Consent Decree between the Department of Environmental Quality (DEQ) and MVP. Separate reports are included for each Virginia construction spread (G, H, and I).

As you are aware, the Consent Decree requires that the Environmental Auditor prepare multiple reports. The Quarterly Report for Q4 2023 is due on or before January 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'.

Joe Crea, CPESC, CPSWQ
Tetra Tech



Mountain Valley Pipeline Project – Spread G

Environmental Auditor Quarterly Report for Q4 2023

January 15, 2024

Environmental Auditor Contact Information

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

I. Introduction

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

As required by the Virginia Erosion and Sediment Control Law and the Stormwater Management Act Linear Entity, Mountain Valley Pipeline, LLC (MVP) has developed Annual Standards and Specifications to identify means and methods for controlling erosion and sediment during construction and post construction. MVP currently has inspection staff requirements on the Spread G Project to include a Lead Environmental Inspector (LEI) and a staff of Environmental Inspectors (EIs). The LEI/EIs obtained the Virginia Department of Environmental Quality (VADEQ) Erosion and Sediment Control (ESC)/Stormwater Management (SWM) Inspector Certifications. In addition to these Certifications, the LEI also obtained the VADEQ Program Administrator Certification. The MVP Environmental inspection staff is responsible for conducting routine daily inspections and inspecting all Best Management Practices (BMPs) every four business days per the Storm Water Pollution Prevention Plan (SWPPP) requirements to ensure environmental compliance. These inspections are documented via Visual Site Inspection Reports (VSIRs) and internal/external communication to ensure the repair of all ineffective temporary ESC measures within 24 hours of identification, or as soon as conditions allow if compliance within this time frame would result in greater environmental impacts (provided the VADEQ concurs). Temporary ESC measures that are still effective but found to be in need of routine maintenance must be maintained within three days unless an extension is granted by VADEQ. This reporting period covers October 1, 2023 through December 31, 2023 (Q4 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

Forward construction progress occurred in the following areas on Spread G during the Q4 reporting period:

- 10377+20-10466+00

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

- 10939+68 to 10961+76
- 11167+83 to 11222+25
- 11443+50 to 11367+00
- 11548+00 to 11526+57
- 11792+00 to 12002+00
- 11145+50 to 11071+80

II. Information Reviewed to Prepare Quarterly Report

The Environmental Auditor utilized the following provided resources/information to assist with evaluating project compliance throughout the Q4 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);
- Agency Compliance Forms - Noncompliance Reports (NCRs); and
- Landowner/Third party complaints received by the VADEQ on 11/7/2023, 11/8/2023, 12/1/2023, 12/5/2023 (4), 12/14/2023 (2), 12/21/2023 (2) and 12/29/2023 (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 Q4 reporting period. **Please refer to the attached Environmental Auditor Bi-Weekly Reports for further detailed information.**

III. Quarterly Summary of Environmental Inspector Observations

During the Q4 2023 reporting period active construction commenced and per Table G-1A, the EIs observed a total of 1,429 daily MVP punchlist items requiring repair/maintenance. The Environmental Auditor noted 8 items identified by the EIs as ESC measures damaged due to impacts caused by third party activities related to wildlife traffic and livestock traffic. It should be noted 36 of the 1,429 daily MVP punchlist items were observed by JNF third party inspectors. The ESC/Pollution Prevention measures were subsequently repaired/maintained within the required timeframes and no environmental resources were impacted due to the third party impacts.

During the Q4 reporting period the Spread G Environmental inspection staff observed four off right of way impacts within an upland location and one environmental resource impact at S-NN17.

On 11/12/2023, the EI identified an off right of way impact within an upland location at MVP-GI-234 as a result of sediment laden runoff during contractor ESC measures repair/maintenance activities. During the repair/maintenance activities, saturated soils from sump maintenance created runoff to a centralized location causing sediment to undermine a perimeter sediment control. The sediment traveled approximately 5 feet off right of way. The VADEQ was immediately notified and an indefinite extension request approved until landowner permission has been granted to retrieve the sediment. The sediment control measures were repaired/maintained and enhanced within the required timeframe. An Agency Compliance Form (PAR #768) was submitted by the EI on 11/12/2023. No environmental resources were impacted. **Refer to Section VI. for further discussion.**

On 11/22/2023, the EI identified two off right of way impacts approximately 100 feet from each other within an upland location at MVP-GI-234 as a result of a prolonged precipitation event with intervals of high intensity rainfall that occurred on 11/21/2023. The rainfall event caused the ESC measures to become overwhelmed subsequently depositing sediment approximately 50 feet off right of way. The VADEQ was immediately notified and an indefinite extension request approved until landowner permission has been granted to retrieve the sediment. The ESC measures were repaired/enhanced within the required timeframe. An Agency Compliance Form (PAR #772) was submitted by the EI on 11/23/2023. No environmental resources were impacted. **Refer to Section VI. for further discussion.**

On 12/4/2023 the Spread G EI observed approximately 187.9 square feet disturbed beyond the right of way due to excavation at MVP-GI-241.04. Based on communication with the Spread G LEI, it appears that right of way stakes became displaced during active construction activities. Per Corrective Action measures, the contractor staff is to discontinue off right of way foot traffic, the disturbed area beyond the right of way is to be remediated and stabilized upon landowner approval. An Agency Compliance Form (NCR #778) was completed by the Spread G EI on 12/4/2023 and the VADEQ immediately notified. No environmental resources were impacted. **Refer to Section VII. for further discussion.**

On 12/14/2023, the Spread G EI observed muddy/turbid water from the bore pit dewatering facilities discharging into S-NN17. Upon further evaluation, the EI discovered the contractor installed an incorrect filter within the advanced treatment system. As a result of the incorrect filter installation, the muddy/turbid water bypassed the system, the final dewatering facilities became overwhelmed, and turbid water entered S-NN17. Dewatering was immediately halted via a self-imposed stop work order until the deficiencies were corrected. The Spread G LEI submitted an Agency Compliance Form (NCR #784). On 12/15/2024, the Spread G EI conducted a follow up inspection at this location and did not observe turbidity or sediment deposition within S-NN17. **Refer to Sections V., VI., and VII. for further discussion.**

During the Q4 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 Q4 reporting period:

Table G-1A

Spread G Environmental Inspector Observations: October 1, 2023 - December 31, 2023					
Monthly Observation	Total Number Observations	Environmental Resource Impacts	Off Right of Way Impacts	Right of Way Impacts Caused by Third Parties	Weather Related Damage
October 2023	128	0	0	0	0
November 2023	*547	0	3	3	0
December 2023	*754	1	1	5	0

*Includes Carry Over Items

The EIs conducted a total of 322 SWPPP inspections and provided respective VSIRs throughout the Q4 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 Environmental Auditor noted a section of the project was missed during a SWPPP inspection on 11/30/2023. It appeared there was oversight during recent SWPPP inspection restructuring/rescheduling. This section was missed by two days. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff regarding the missing VSIR. Daily inspections occurred within the missing section and an item (72 hours) was added to the punchlist on 12/2/2023. **Refer to Sections VI. and VII. for further discussion.**

The ODCP inspectors conducted ODCP site inspections at Laydown Yard 026 throughout the Q4 reporting period. Twenty-seven inspections were conducted in October, 27 inspections were conducted in November, and 24 inspections were conducted in December. No spills were observed during the ODCP inspections throughout the Q4 reporting period.

An approximate total of 15 recordable precipitation events occurred during the Q4 reporting period. On 11/21/2023, a precipitation event with intervals of high intensity rainfall produced approximately 1.2 inches of rainfall in 14 hours. This event caused ESC measures near MVP-GI-234 to become overwhelmed resulting in off right of way impacts within 100 feet of each other within an upland area. The off right of way impacts were identified by the Spread G Environmental inspection staff on 11/22/2023. **Refer to discussion above, Table G-1B, and Section VI. for further discussion.**

Based on rainfall gauge data provided by the Spread G EIs, the following Table G-1B is a summary of monthly rainfall dates, amounts based on lowest to highest rates, and estimated duration for each event throughout the Q4 reporting period:

Table G-1B

Spread G Rainfall and Duration Rates: October 1, 2023 - December 31, 2023					
October		November		December	
Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
10/7/2023	0.2"-0.6" - 4 Hours *Rainfall occurred on 10/6/2023	11/11/2023	0.15"-1.1" - 7 Hours *Rainfall occurred on 11/10/2023	12/2/2023	0.0"-0.1" - 3 Hours *Scattered showers occurred on 12/1/2023
10/10/2023	0.2"-0.5" - 5 Hours *Rainfall occurred on 10/9/2023	11/18/2023	0.1"-0.3" - 6 Hours *Rainfall occurred on 11/17/2023	12/6/2023	0.05"-0.2" - 1 Hour *Rainfall occurred late 12/5/2023
10/13/2023	0.1"-0.2 - 3 Hours	11/22/2023	0.9"-2.0" - 14 Hours *Rainfall occurred on 11/21/2023	12/10/2023	0.3"-0.5"-8 Hours *Rainfall occurred on 12/9/2023
10/16/2023	0.0"-0.2" - 2 Hours *Light rainfall occurred on 10/15/2023	11/28/2023	0.0"-0.2" - 2 Hours *Scattered showers occurred on 11/27/2023	12/11/2023	0.8"-1.4" - 12 Hours *Rainfall occurred on 12/10/2023
10/21/2023	0.2"-0.6" - 5 Hours *Rainfall occurred on 10/20/2023			12/18/2023	0.3"-0.5" - 12 Hours *Rainfall occurred on 12/17/2023
				12/27/2023	0.9"-1.7" - 24 Hours *Rainfall occurred from early 12/26/2023 through early 12/27/2023

IV. Quarterly Summary of VADEQ Observations

Per Table G-1C, the VADEQ Inspectors observed a total of 0 items requiring repair/maintenance throughout the Q4 reporting period. No items related to third party impacts were identified by the VADEQ throughout the Q4 reporting period. During the Q4 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 Q4 reporting period:

Table G-1C

Spread G VADEQ Observations: October 1, 2023 - December 31, 2023					
Monthly Observation	Total Number Observations	Environmental Resource Impact	Off Right of Way Impact	Right of Way Impacts Caused by Third Parties	Weather Related Damage
October 2023	0	0	0	0	0
November 2023	0	0	0	0	0
December 2023	0	0	0	0	0

V. Quarterly Summary of Landowner/Third Party Issues

The Environmental Auditor noted 12 formal landowner/third party complaints submitted to the VADEQ for the Spread G Project during the Q4 reporting period.

- A third party complaint was filed with the VADEQ on 11/7/2023 (Pollution Investigation Report_IR #311464). The complainant alleged there was "Sedimentation due to liquid being dumped into" Sinking Creek (S-NN17). The Environmental Auditor was eventually informed by the Spread G LEI and MVP Environmental staff that the dewatering facility location was relocated further upland where dewatering would occur to a well vegetated field not adjacent to S-NN17. The VADEQ conducted an inspection and per the Closure section of the IR on 11/13/2023, determined the new dewatering facility location was providing improved treatment, the facility was properly constructed, no sedimentation was observed within S-NN17, and no compliance issues were observed. It should be noted that the Environmental Auditor was not aware of this issue during this reporting period.
- A third party complaint was observed on 11/7/2023 and filed with the VADEQ on 11/8/2023 (Pollution Investigation Report_IR #311474). The complainant alleged there was "Dumping of significant muddy water from works site into Sinking Creek". The Environmental Auditor was informed by the Spread G LEI and MVP Environmental staff that the dewatering facility location was relocated further upland where discharge will occur to a well vegetated field not adjacent to S-NN17. The VADEQ conducted an inspection and per the Closure section of the IR on 11/13/2023, determined the new dewatering facility location was providing improved treatment, the facility was properly constructed, no sedimentation was observed within S-NN17, and no compliance issues were observed. It should be noted that the Environmental Auditor was not aware of this issue during this reporting period.
- A third party complaint was filed with the VADEQ on 12/1/2023 (Pollution Investigation Report_IR #311686). The complainant alleged there was a "sediment plume in Sinking Creek from MVP". The Environmental Auditor conducted a site inspection on 12/2/2023 and observed the ESC measures to be installed and functional and no impacts to Sinking Creek (S-NN17) were observed at the time of the evaluation. The Environmental Auditor noted concerns related to dewatering activities occurring at MVP-MN-249.01 and communicated observations and recommendations to the Spread G Environmental inspection staff, Chief EI, and MVP Environmental staff. The VADEQ conducted an inspection and per the Closure section of the IR on 12/4/2023, determined the required erosion and sediment control measures were in place, properly functioning, and no compliance issues were observed.
- A third party complaint observed on 12/5/2023 (Pollution Investigation Report_IR #311718). The complainant alleged "muddy water running off MVP work site into Sinking Creek". The Environmental Auditor conducted a site inspection on 12/2/2023 and observed the ESC measures to be installed and functional and no impacts to Sinking Creek (S-NN17) were observed at the time of the evaluation. The Environmental Auditor noted concerns related to dewatering activities occurring at MVP-MN-249.01 and communicated observations and recommendations with the Spread G Environmental inspection staff, Chief EI, and MVP Environmental staff. The Environmental Auditor reviewed the SWPPP VSIR for the required inspection conducted on 12/4/2023 and noted the EI did not observe any issues. The VADEQ conducted an inspection and per the Closure section of the IR on 12/6/2023, determined the required erosion and sediment control measures were in place, properly operating, no impacts to resources were observed, and no compliance issues were observed. It should be noted that the Environmental Auditor discovered this complaint via the VADEQ website on 12/8/2023.
- A third party complaint was observed on 12/5/2023 (Pollution Investigation Report_IR #311720). The complainant alleged there was "Muddy sediment laden water running directly into Sinking Creek". The Environmental Auditor conducted a site inspection on 12/2/2023 and observed the

ESC measures to be installed and functional and no impacts to Sinking Creek (S-NN17) were observed at the time of the evaluation. The Environmental Auditor noted concerns related to dewatering activities occurring at MVP-MN-249.01 and communicated observations and recommendations with the Spread G Environmental inspection staff, Chief EI, and MVP Environmental staff. The Environmental Auditor reviewed the SWPPP VSIR for the required inspection conducted on 12/4/2023 and noted the EI did not observe any issues. The VADEQ conducted an inspection and per the Closure section of the IR on 12/6/2023, determined the required erosion and sediment control measures were in place, properly operating, no impacts to resources were observed, and no compliance issues were observed. It should be noted that the Environmental Auditor discovered this complaint via the VADEQ website on 12/8/2023.

- A third party complaint was filed with the VADEQ on 12/5/2023 (Pollution Investigation Report_IR #311730). The complainant alleged there was "active construction going on the hillside, with a shocking amount of runoff seeping down with high amounts of fine sediments" and "very little erosion control" at Sinking Creek by the Link Farm Covered Bridge. The Environmental Auditor conducted a site inspection on 12/2/2023 and observed the ESC measures to be installed and functional and no impacts to Sinking Creek (S-NN17) were observed at the time of the evaluation. The Environmental Auditor noted concerns related to dewatering activities occurring at MVP-MN-249.01 and communicated observations and recommendations with the Spread G Environmental inspection staff, Chief EI, and MVP Environmental staff. The Environmental Auditor reviewed the SWPPP VSIR for the required inspection conducted on 12/4/2023 and noted the EI did not observe any issues. The VADEQ conducted an inspection and per the Closure section of the IR on 12/12/2023, determined the required erosion and sediment control measures were in place, properly operating, no impacts to resources were observed, and no compliance issues were observed. It should be noted that the Environmental Auditor discovered this complaint via the VADEQ website on 12/8/2023.
- A third party complaint was filed with the VADEQ on 12/5/2023 (Pollution Investigation Report_IR #311731). The complainant alleged that "muddy sediment from MVP's dewatering pits continues to contaminate an un-named tributary to Sinking Creek and is entering the creek itself". The Environmental Auditor conducted a site inspection on 12/2/2023 and observed the ESC measures to be installed and functional and no impacts to Sinking Creek (S-NN17) were observed at the time of the evaluation. The Environmental Auditor noted concerns related to dewatering activities occurring at MVP-MN-249.01 and communicated observations and recommendations with the Spread G Environmental inspection staff, Chief EI, and MVP Environmental staff. The Environmental Auditor reviewed the SWPPP VSIR for the required inspection conducted on 12/4/2023 and noted the EI did not observe any issues. The VADEQ conducted an inspection and per the Closure section of the IR on 12/12/2023, the VADEQ concluded the turbid water released to Sinking Creek (S-NN17) has stopped due to appropriate compliance actions conducted by MVP. It should be noted that the Environmental Auditor discovered this complaint via the VADEQ website on 12/8/2023.
- A third party complaint was filed with the VADEQ on 12/14/2023 (Pollution Investigation Report_IR #311849). The complainant alleged there was a "sediment in Sinking Creek (S-NN17) at MVP crossing". On 12/13/2023, the Environmental Auditor conducted a site evaluation and observed advanced water treatment facilities being set up to treat dewatering activities from the bore pit and no dewatering activities occurring at the time of the evaluation. Based on a conversation with the Spread G LEI, dewatering resumed on 12/14/2023. However, the contractor incorrectly installed a filter which caused the pumped water to bypass the treatment system subsequently discharging "muddy/turbid" water into S-NN17. Pumping was immediately shut down via an internal stop work order and an Agency Compliance Form (NCR #784) was submitted by the Spread G LEI. Based on an inspection conducted by the Spread G EI on 12/15/2023, no turbidity or sediment deposition was observed within S-NN17. Per the Closure section of the IR on 12/15/2023, the VADEQ determined the required ESC measures were in

place and properly functioning. While investigating the dewatering facilities, the VADEQ observed pumping/dewatering halted, no turbidity or sediment deposition was observed within the waterway, and no compliance issues were observed.

- A third party complaint was filed with the VADEQ on 12/14/2023 (Pollution Investigation Report_IR #311852). The complainant alleged "MVP's dewatering systems for the bore underneath Sinking Creek (S-NN17) at Mountain Lake Road failed sending muddy sediment directly into the creek". On 12/13/2023, the Environmental Auditor conducted a site evaluation and observed advanced water treatment facilities being set up to treat dewatering activities from the bore pit and no dewatering activities occurring at the time of the evaluation. Based on a conversation with the Spread G LEI, dewatering resumed on 12/14/2023. However, the contractor incorrectly installed a filter which caused the pumped water to bypass the treatment system subsequently discharging "muddy/turbid" water into S-NN17. Pumping was immediately shut down via an internal stop work order and an Agency Compliance Form (NCR #784) was submitted by the Spread G LEI. Based on an inspection conducted by the Spread G EI on 12/15/2023, no turbidity or sediment deposition was observed within S-NN17. Per the Closure section of the IR on 12/15/2023, the VADEQ determined the required ESC measures were in place and properly functioning. While investigating the dewatering facilities, the VADEQ observed pumping/dewatering halted, no turbidity or sediment deposition was observed within the waterway, and no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 12/21/2023 (Pollution Investigation Report_IR #311940). The complainant alleged "sediment from Mountain Valley Pipeline dewatering is polluting the stream (S-NN17) at Mountain Lake Road". On 12/20/2023, the Environmental Auditor conducted a site evaluation and observed the contractor continuing to work on the dewatering advanced treatment system. No active pumping to the dewatering facilities was occurring at the time of the evaluation. Based on a conversation with the Spread G LEI, dewatering resumed on 12/21/2023. However, due to the pumping rate overwhelming the current treatment system, turbid water discharged into S-NN17. Pumping was immediately shut down and additional treatment units were installed. Based on an inspection conducted by the Spread G EI, no sediment deposition was observed within S-NN17. Per the Closure section of the IR on 12/22/2023, the VADEQ determined the required ESC measures were in place and properly functioning. While investigating the dewatering facilities, the VADEQ observed the current ESC measures installed, functioning properly, and no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 12/21/2023 (Pollution Investigation Report_IR #311945). The complainant alleged "sediment from MVP's dewatering operations continue to pollute Sinking Creek (S-NN17)". On 12/20/2023, the Environmental Auditor conducted a site evaluation and observed the contractor continuing to work on the dewatering advanced treatment system. No active pumping to the dewatering facilities was occurring at the time of the evaluation. Based on a conversation with the Spread G LEI, dewatering resumed on 12/21/2023. However, due the high volume pumping rate overwhelming the current treatment system, turbid water discharged into S-NN17. Pumping was immediately shut down and additional treatment units were installed. Based on an inspection conducted by the Spread G EI, no sediment deposition was observed within S-NN17. Per the Closure section of the IR on 12/22/2023, the VADEQ determined the required ESC measures were in place and properly functioning. While investigating the dewatering facilities, the VADEQ observed the current ESC measures installed, functioning properly, and no compliance issues were observed.
- A third party complaint was observed on 12/27/2023 and filed with the VADEQ on 12/29/2023 (Pollution Investigation Report_IR #312014). The complainant alleged there was "extra sediment in stream (Craig Creek)" following a rain event "at two sites downstream of the MVP pipeline crossing". Based on communication with the Spread G LEI on 12/30/2023, the EI conducted an inspection throughout the right of way and no off right of way and/or impacts to Craig Creek (S-OO6/S-RR13) were observed at the time of the inspection.

On 12/31/2023, the Environmental Auditor conducted a site evaluation and observed the ESC/Pollution Prevention measures installed and functional and no project related impacts were observed at S-PP21, S-PP20, S-OO6, 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. Per the VADEQ website formal Closure remains pending.

VI. Quarterly Summary of Environmental Auditor Observations and Recommendations

Per Table G-1D, the Environmental Auditor conducted 54 site evaluations during the Q4 reporting period and observed upland, stream crossing, and stream bore locations where Pollution Prevention, ESC and dewatering measures required repair/maintenance or additional (enhanced) measures 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 observations and recommendations to the Spread G LEI, Assistant LEIs, Chief EI, onsite EIs, contractor Environmental staff, and MVP Environmental staff. Repair/maintenance items and recommendations were forwarded to the contractor Environmental staff by the Spread G Environmental inspection staff and subsequently addressed.

During the Q4 reporting period, the Environmental Auditor evaluated dewatering facilities throughout the right of way utilized during bore pit operations and tie-ins for proper installation and functionality. One area of concern was the dewatering activity at MVP-GI-249.01 and MVP-GI-249.03 (Mountain Lake Road). On 12/2/2023, the Environmental Auditor conducted an evaluation at Mountain Lake Road/MVP-249.01. The Environmental Auditor observed turbid water discharging from the dewatering facilities as concentrated flow through a well vegetated field, subsequently flooding a downslope landowner driveway. The runoff from the landowner's unimproved driveway then flowed into a roadside ditch along the Mountain Lake Road causing turbid water to flow through a cross culvert and into a drainage ditch west of Mountain Lake Road. Per Communication with the Spread G LEI and EI on 12/2/2023, the Environmental Auditor recommended reconstructing the dewatering facilities to enhance treatment/dispersion of the discharged water. The Environmental Auditor was then informed that the dewatering activities have been suspended through 12/3/2023. Per review of the 12/4/2023 SWPPP VSIR 12/4/2023, active dewatering activities resumed on 12/4/2023 and no impacts were observed during the inspection. Based on follow up communication with the MVP Environmental staff on 12/6/2023, dewatering activities related to the S-NN17 bore activity were temporarily suspended and a new dewatering location has been selected where advanced water treatment systems would be utilized in conjunction with the pumped water filter bag/straw bale dewatering facilities.

On 12/13/2023, the Environmental Auditor conducted an evaluation at Mountain Lake Road/MVP-249.01 and observed dewatering advanced treatment systems set up. The Environmental Auditor recommended closely monitoring the final dewatering facilities to ensure discharge does not cause accelerated erosion and potentially impact S-NN17. On 12/20/2023, the Environmental Auditor conducted an evaluation at Mountain Lake Road/MVP-249.01 and observed the contractor continuing to work on the dewatering advanced treatment systems for proper functionality. No active pumping to the dewatering facilities was occurring at the time of the evaluation. The Environmental Auditor also observed erosion control measures installed beyond the discharge locations above S-NN17.

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 level 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.
- Install soil stabilization blanket (SSB) on slopes, drainage features, and stream crossings per VESCH 3.36. Consider enhancing SSB to soil stabilization matting (SSM) as necessary based on flow conditions, particularly at stream crossings and where dewatering activities entail a large volume of discharged water to minimize off right of way erosion.
- Ensure proper application rate is achieved for hydraulic seeding/mulching activities. Immediately stabilized areas where mulch has become displaced and erosion occurred. Consider installing SSB to minimize redundant maintenance and potential off right of way impacts.
- Implement frequent Dust Control measures on access roads and the right of way as necessary.
- Conduct frequent soil build up/removal maintenance at temporary bridge crossings throughout each day as necessary.
- Install additional/enhanced ESC measures as necessary throughout the right of way and access roads to minimize potential off right of way impacts and overall maintenance.
- Ensure secondary containment measures are properly installed and maintained.
- Install additional ESC measures on travel lane slope approaches to temporary bridge crossings at environmental resources.
- Properly install permanent waterbars and end treatments per the SWM Plan requirements.

Administrative/Documentation Recommendations

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

The Environmental Auditor also provided recommendations to monitor ESC (includes dewatering), and Pollution Prevention measures throughout the project and conduct repair/maintenance/enhancements and restabilization activities as necessary to meet the ESC plan requirements.

On 11/15/2023, the Environmental Auditor evaluated the location where an off right of way impact occurred in an upland area causing ESC measures to become overwhelmed by saturated soils during contractor ESC maintenance on 11/12/2023. The Environmental Auditor observed the ESC measures repaired/enhanced.

On 12/2/2023, the Environmental Auditor evaluated the right of way locations where two off right of way impacts occurred within 100 feet of each other in an upland area due to a precipitation event with intervals of high intensity/short duration rainfall on 11/21/2023. The Environmental Auditor observed the ESC measures repaired/enhanced and upslope areas not under active construction temporarily stabilized at the time of the evaluation. The Spread G Environmental inspection staff and the Environmental Auditor continued to monitor these locations throughout the Q4 reporting period.

Based on a third party complaint filed with the VADEQ on 12/29/2023, the Environmental Auditor conducted a site evaluation at Craig Creek Road on 12/31/2023. The Environmental Auditor observed the ESC/Pollution Prevention measures installed and functional and no project related impacts were observed at S-PP21, S-PP20, S-OO6, 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 prolonged and high intensity/short duration rainfall events.

The Spread G Environmental inspection staff, contractor Environmental staff, Chief EI, and Environmental Auditor continue to monitor locations throughout the right of way and communicate/coordinate to

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 Q4 reporting period:

Table G-1D

Environmental Auditor Field Observations: October 1, 2023 - December 30, 2023	
Month	Total Observations
October 2023	13
November 2023	16
December 2023	25

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:
 - A SWPPP inspection exceeded the required recurrence frequency in a section of the right of way on 11/30/2023;
 - The contractor disturbed approximately 187.9 square feet off right of way during tie in operations on 12/4/2023; and
 - The contractor installed an incorrect filter within the advanced treatment system for dewatering activities resulting in an environmental resource impact at S-NN17 on 12/14/2023; 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 Q4 reporting period. The Environmental Auditor recommends continued monitoring and communication between the MVP Environmental inspection staff and the contractor Environmental staff to ensure all ESC (includes dewatering) and Pollution Prevention measures are properly installed and functional and enhanced where necessary to maintain compliance with the approved ESC Plans and Annual Standards and Specifications.

As the VADEQ is aware, there are several previous instances noted in the Q4 2019 through Q3 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.



Agency Compliance Form

Project Name	H-600 Pipeline Spread G	AFE	124300137	Spread	H-600 Pipeline Spread G
Contractor	Precision			Report #	778
Inspector	Chris Burns			Date/Time	12/4/2023 2:49 PM

Directions

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

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

Environmental Coordinator Contact List

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

Noncompliance Data

Noncompliance Name	Disturbance beyond LoD on tract VA-GI-020.
Noncompliance Description	Near 10712+15, approximately 20 linear ft of excavations extended varying distances beyond the LoD with the farthest point being 11 feet outside.
Facility	MVP
Business Unit	MVP
Location Type	Construction
Location Name	H-600 Pipeline Spread G
Agency Issuing Noncompliance	MVP
Compliance Level	NCR
Noncompliance Reported by (Name)	Chris Burns
Primary Vendor on Location	Precision
Date MVP Environmental Coordinator Notified	12/4/2023
Time MVP Environmental Coordinator Notified	10:15 AM
Date Agency Report Issued	12/4/2023
Time Agency Report Issued	4:20 PM
State	VA
County	Giles
Weather	Cloudy

AFE	124300137	Date/Time	12/4/2023 2:49 PM	Report #	778
Waterbody/wetland affected		No			
If yes, name of waterbody/wetland affected					
If no, distance to nearest waterbody/wetland		20	Ft		
Description of Corrective Actions		<p>Crews to discontinue off RoW foot traffic immediately. Disturbance outside the LoD to be remediated following completion of crossing during backfill procedures following landowner approval. Disturbances beyond LoD to receive restoration and stabilization. Additional LOD staking has been installed in area. Survey data shows 187.9 square feet of total disturbance beyond the LOD.</p>			
Date Corrective Actions Started		12/4/2023			
Completed by MVP Environmental Coordinator					
Additional Corrective Actions					
Date Corrective Actions Completed					
Date Agency Response Completed					

AFE	124300137	Date/Time	12/4/2023 2:49 PM	Report #	778
Pictures					
GPS Location	1	GPS Location	2	Field Station#	10712+00
Field Station#	10712+00	Field Station#	10712+35	Pic 1 Desc.	Overview of disturbance outside of LoD.
Pic 1 Desc.	Overview of disturbance outside of LoD.			Pic 2 Desc.	Opposing view of disturbance outside of LoD.
GPS Location	3	GPS Location	4	Field Station#	10712+15
Field Station#	10712+15	Field Station#	10712+50	Pic 3 Desc.	Survey showing eleven feet outside of LoD at farthest point.
Pic 3 Desc.	Survey showing eleven feet outside of LoD at farthest point.			Pic 4 Desc.	Disturbance beyond LoD.
			Insert image here		
GPS Location	5	GPS Location		Field Station#	10712+15
Field Station#	10712+15	Field Station#		Pic 5 Desc.	Google earth overlay showing points outside LoD. 187.9 sqft of disturbance.
Pic 5 Desc.	Google earth overlay showing points outside LoD. 187.9 sqft of disturbance.			Pic 6 Desc.	

Pictures

Insert image here	Insert image here
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GPS Location		GPS Location	
Field Station#		Field Station#	
Pic 7 Desc.		Pic 8 Desc.	

Insert image here	Insert image here
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GPS Location		GPS Location	
Field Station#		Field Station#	
Pic 9 Desc.		Pic 10 Desc.	

Insert image here	Insert image here
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GPS Location		GPS Location	
Field Station#		Field Station#	
Pic 11 Desc.		Pic 12 Desc.	

AFE	124300137	Date/Time	12/4/2023 2:49 PM	Report #	778
Pictures					
Insert image here			Insert image here		
GPS Location		GPS Location		GPS Location	
Field Station#		Field Station#		Field Station#	
Pic 13 Desc.		Pic 14 Desc.		Pic 15 Desc.	
Insert image here			Insert image here		
GPS Location		GPS Location		GPS Location	
Field Station#		Field Station#		Field Station#	
Pic 15 Desc.		Pic 16 Desc.		Pic 17 Desc.	
Insert image here			Insert image here		
GPS Location		GPS Location		GPS Location	
Field Station#		Field Station#		Field Station#	
Pic 17 Desc.		Pic 18 Desc.		Pic 19 Desc.	



Agency Compliance Form

Project Name	H-600 Pipeline Spread G	AFE	124300137	Spread	H-600 Pipeline Spread G
Contractor	Precision			Report #	784
Inspector	David Schoolcraft			Date/Time	12/14/2023 2:38 PM

Directions

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

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

Environmental Coordinator Contact List

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

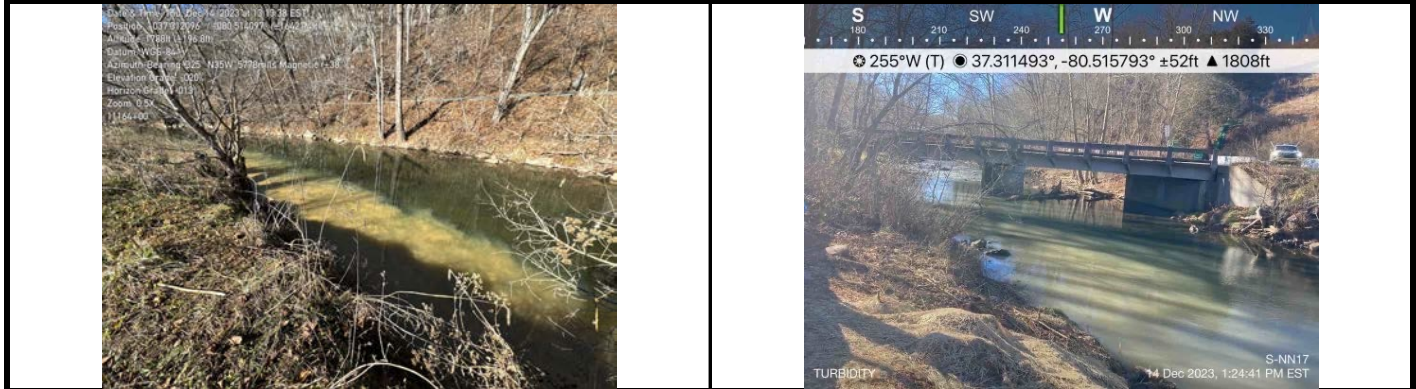
Noncompliance Data

Noncompliance Name	
Noncompliance Description	Impact to stream S-NN17 during dewatering operations of the bore pit.
Facility	MVP
Business Unit	MVP
Location Type	Construction
Location Name	H-600 Pipeline Spread G
Agency Issuing Noncompliance	MVP
Compliance Level	NCR
Noncompliance Reported by (Name)	David Schoolcraft
Primary Vendor on Location	Precision
Date MVP Environmental Coordinator Notified	12/14/2023
Time MVP Environmental Coordinator Notified	1:20 PM
Date Agency Report Issued	12/14/2023
Time Agency Report Issued	1:40 PM
State	VA
County	Giles
Weather	Sunny

AFE	124300137	Date/Time	12/14/2023 2:38 PM	Report #	784
Waterbody/wetland affected			Yes		
If yes, name of waterbody/wetland affected			Sinking Creek S-NN17		
If no, distance to nearest waterbody/wetland					
Description of Corrective Actions			<p>Incorrect filter was installed in the filtration system pods causing water to bypass filtration process before being released into dewatering structure. This resulted in muddy/turbid water reaching the stream S-NN17 causing the sediment impact.</p> <p>EI on site notified crew of Impact and issued a stop work until a solution to the issue was found.</p> <p>Crews plan to insert correct filters and resume pumping.</p>		
Date Corrective Actions Started			12/14/2023		
Completed by MVP Environmental Coordinator					
Additional Corrective Actions					
Date Corrective Actions Completed					
Date Agency Response Completed					

AFE	124300137	Date/Time	12/14/2023 2:38 PM	Report #	784
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Pictures



GPS Location	See Photo	GPS Location	See Photo
Field Station#	11158+68	Field Station#	11158+68

Pic 1 Desc.	Stream impact	Pic 2 Desc.	Stream impact
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GPS Location	See Photo	GPS Location	See Photo
Field Station#	11158+68	Field Station#	11158+68

Pic 3 Desc.	Entire Stream impacted	Pic 4 Desc.	Turbid water being pumped to dewatering structure
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GPS Location	See Photo	GPS Location	See Photo
Field Station#	11158+68	Field Station#	11158+68

Pic 5 Desc.	Turbid water entering stream	Pic 6 Desc.	Dewatering structure
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AFE	124300137	Date/Time	12/14/2023 2:38 PM	Report #	784
Pictures					
Insert image here			Insert image here		
GPS Location		GPS Location		GPS Location	
Field Station#		Field Station#		Field Station#	
Pic 7 Desc.		Pic 8 Desc.		Pic 8 Desc.	
Insert image here			Insert image here		
GPS Location		GPS Location		GPS Location	
Field Station#		Field Station#		Field Station#	
Pic 9 Desc.		Pic 10 Desc.		Pic 10 Desc.	
Insert image here			Insert image here		
GPS Location		GPS Location		GPS Location	
Field Station#		Field Station#		Field Station#	
Pic 11 Desc.		Pic 12 Desc.		Pic 12 Desc.	

AFE	124300137	Date/Time	12/14/2023 2:38 PM	Report #	784
Pictures					
Insert image here			Insert image here		
GPS Location		GPS Location			
Field Station#		Field Station#			
Pic 13 Desc.		Pic 14 Desc.			
Insert image here			Insert image here		
GPS Location		GPS Location			
Field Station#		Field Station#			
Pic 15 Desc.		Pic 16 Desc.			
Insert image here			Insert image here		
GPS Location		GPS Location			
Field Station#		Field Station#			
Pic 17 Desc.		Pic 18 Desc.			

Report Period Ending: 10/15/2023
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 54 conducted from 10/1/2023 through 10/15/2023 (includes LY-026)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 10/1/2023 through 10/15/2023 (Includes Carry Over Items from 9/30/2023): 16											
Total Number of ODCP Inspections at Laydown Yard 026: 6 (10/2/2023 through 10/7/2023); 6 (10/9/2023 through 10/14/2023)											
Total Number of VA DEQ Observations from 10/1/2023 through 10/15/2023: 0											
Total Number of Landowner/Third Party Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 0											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damage to ESC measures caused by fallen debris): 0											
Total Number of Off Right of Way Impacts: 0											
Total Number of Environmental Resource Impacts: 0											
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0											
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 10/1/2023 through 10/15/2023.											
CARRY OVER ITEMS FROM 9/30/2023											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
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
10/3/2023		2					2		2 on 10/3/2023		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/9/2023		2					2		2 on 10/10/2023		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/10/2023	0.2"-0.5" - 5 Hours *Rainfall occurred on 10/9/2023	2					2		2 on 10/10/2023		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/11/2023		3					3		2 on 10/12/2023	1 on 10/12/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/13/2023	0.1"-0.2 - 3 Hours	7					7		7 on 10/14/2023		Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS											
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE						TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS							CONCLUSION AND RECOMMENDATIONS			
10/9/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-235 (CIS), MVP-LY-026, MVP-GI-256.02, MVP-GI-253.02, and Craig Creek Road (GAS).							The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor met with the onsite Spread G EI, Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance and installing additional erosion control measures.			
10/1/2023 through 10/15/2023	<p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread G Project.</p> <p>The Environmental Auditor communicated with the Spread G LEI regarding an observation related to completing a section within a VSIR.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 10/14/2023 regarding the Bi-Weekly reporting period ending on 10/15/2023. The Environmental Auditor provided technical recommendations related to properly installing soil stabilization blanket based on flow direction and ensuring proper hydraulic seeding/mulch application rates and coverage.</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: 10/29/2023
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 50 conducted from 10/16/2023 through 10/29/2023 (includes LY-026)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 10/16/2023 through 10/29/2023 (Includes Carry Over Items from 10/15/2023): 85											
Total Number of ODCP Inspections at Laydown Yard 026: 7 (10/16/2023 through 10/22/2023); 6 (10/23/2023 through 10/28/2023)											
Total Number of VA DEQ Observations from 10/16/2023 through 10/29/2023: 0											
Total Number of Landowner/Third Party Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 0											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damage to ESC measures caused by fallen debris): 0											
Total Number of Off Right of Way Impacts: 0											
Total Number of Environmental Resource Impacts: 0											
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0											
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 10/16/2023 through 10/29/2023.											
CARRY OVER ITEMS FROM 10/15/2023											
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
10/17/2023		5					5		5 on 10/18/2023		Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/19/2023		17					17		15 on 10/20/2023	2 on 10/20/2023	Seventeen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/20/2023		4					4		4 on 10/21/2023		Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/21/2023	0.2"-0.6" - 5 Hours *Rainfall occurred on 10/20/2023	8					8		7 on 10/22/2023	1 on 10/22/2023	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/22/2023		17					17		4 on 10/23/2023	13 on 10/23/2023	Seventeen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/24/2023		1					1		1 on 10/25/2023		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
10/25/2023		15					15		14 on 10/26/2023	1 on 10/26/2023	Fifteen items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
10/26/2023		2					2		1 on 10/27/2023	1 on 10/28/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/27/2023		16					16		16 on 10/28/2023		Sixteen 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				
10/19/2023	The Environmental Auditor conducted a site evaluation at MVP-GI-234 (CIS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the onsite Spread G EI, Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to installing soil stabilization blanket (SSB) on slopes greater than 30 percent.				
10/26/2023	The Environmental Auditor conducted site evaluations at the following locations: Doe Creek Road (CIS/GAS), MVP-GI-244 (CIS/GAS), MVP-GI-245.01 (CIS), MVP-MLV-AR-25, Steele Acres Road (CIS), Old Furnace Road (CIS/GAS), and Seven Oaks 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 onsite Spread G EIs, Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to installing soil stabilization blanket (SSB) within CWD natural drainage features where pipeline has been installed and implementing dust suppression measures on access roads as needed.				
10/16/2023 through 10/29/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread G Project. The Environmental Auditor communicated with all Spread LEIs on 10/26/2023 regarding the Bi-Weekly reporting period ending on 10/29/2023. The Environmental Auditor provided recommendations related to proper soil stabilization blanket installation on slopes and stream crossings, constructing permanent waterbars/end treatments per the PCSWM Plan requirements, and ensuring communication occurs with the ODCP inspectors.						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										

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
11/7/2023	Mountain Lake Road/Zells Mill Road	1	A third party complaint was filed with the VADEQ on 11/7/2023 (Pollution Investigation Report_IR #311464). The complainant alleged there was "Sedimentation due to liquid being dumped into" Sinking Creek (S-NN17). The Environmental Auditor was eventually informed by the Spread G LEI and MVP Environmental staff that the dewatering facility location was relocated further upland where discharge will occur to a well vegetated field not adjacent to S-NN17. The VADEQ conducted an inspection and per the Closure section of the IR on 11/13/2023, determined the new dewatering facility location was providing improved treatment, the facility was properly constructed, no sedimentation was observed within S-NN17, and no compliance issues were observed. It should be noted that the Environmental Auditor was not aware of this issue during this reporting period.
11/7/2023	Mountain Lake Road/Zells Mill Road	1	A third party complaint was observed on 11/7/2023 and filed with the VADEQ on 11/8/2023 (Pollution Investigation Report_IR #311474). The complainant alleged there was "Dumping of significant muddy water from works site into Sinking Creek". The Environmental Auditor was informed by the Spread G LEI and MVP Environmental staff that the dewatering facility location was relocated further upland where discharge will occur to a well vegetated field not adjacent to S-NN17. The VADEQ conducted an inspection and per the Closure section of the IR on 11/13/2023, determined the new dewatering facility location was providing improved treatment, the facility was properly constructed, no sedimentation was observed within S-NN17, and no compliance issues were observed. It should be noted that the Environmental Auditor was not aware of this issue during this reporting period.
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
11/3/2023	The Environmental Auditor conducted site evaluations at the following locations: Craig Creek Road (CIS), MVP-MN-258.04 (GAS), MVP-GI-249.01 (CIS), MVP-GI-244 (CIS), Cascade Drive (CIS), and Kow Camp Road #1 (CIS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the onsite Spread G EI, Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to providing spill kits at fuel containment structures and monitoring the geofabric at temporary bridge crossings.	
11/10/2023	The Environmental Auditor conducted site evaluations at the following locations: Big Branch Hollow Road (CIS), Hendrickson Road (CIS/GAS), MVP-GI-241.04 (CIS/GAS), Big Stony Creek Road (GAS), MVP-GI-238.01 (GAS), Norcross Road (CIS), and MVP-GI-249.01 (CIS/GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the onsite Spread G EI, Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to installing additional ESC measures within travel lane slope approaches above environmental resource crossings prior to a precipitation event.	
10/30/2023 through 11/12/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRS, and ODCP reports to be compliant during this reporting period for the Spread G Project. The Environmental Auditor communicated with all Spread LEIs on 11/9/2023 regarding the Bi-Weekly reporting period ending on 11/12/2023. The Environmental Auditor provided recommendations related proper soil stabilization blanket installation on slopes and stream crossings, constructing permanent waterbars/end treatments per the ESC/SWM Plan requirements, and ensuring pollution prevention measures continue to be maintained.	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		

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	
11/15/2023	The Environmental Auditor conducted site evaluations at MVP-GI-234 (CIS) and MVP-241.04 (GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the onsite Spread G EI, Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to installing a waterbar on a slope above a CWD natural drainage feature and monitoring a location for potential off right of way run-on and install additional/enhanced ESC measures as necessary.	
11/13/2023 through 11/26/2023	<p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread G Project.</p> <p>The Environmental Auditor communicated with the Spread G LEI regarding a SWPPP VSIR documentation observation.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 11/21/2023 regarding the Bi-Weekly reporting period ending on 11/26/2023. In preparation for an upcoming rainfall event, the Environmental Auditor requested the Spread LEIs communicate any instances of off right of way sediment impacts and landowner/third party reported complaints.</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?	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: 12/10/2023
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 49 conducted from 11/27/2023 through 12/10/2023 (includes LY-026): Refer to Environmental Auditor Field Observations and Recommendations and Required Findings and Conclusions for further discussion.											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 11/27/2023 through 12/10/2023 (Includes Carry Over Items from 11/26/2023): 302											
Total Number of ODCP Inspections at Laydown Yard 026: 6 (11/27/2023 through 12/2/2023); 6 (12/4/2023 through 12/9/2023)											
Total Number of VA DEQ Observations from 11/27/2023 through 12/10/2023: 0											
Total Number of Landowner/Third Party Complaints: 5 (1. A third party complaint was filed with the VADEQ on 12/1/2023 (Pollution Investigation Report_IR #311686). The complainant alleged there was a "sediment plume in Sinking Creek from MVP". Per the Closure section of the IR on 12/4/2023, the VADEQ concluded no compliance issues were observed. 2. A third party complaint observed on 12/5/2023 (Pollution Investigation Report_IR #311718). The complainant alleged "muddy water running off MVP work site into Sinking Creek". Per the Closure section of the IR on 12/6/2023, the VA DEQ concluded no compliance issues were observed. 3. A third party complaint was observed on 12/5/2023 (Pollution Investigation Report_IR #311720). The complainant alleged "Muddy sediment laden water running directly into Sinking Creek". Per the Closure section of the IR on 12/6/2023, the VA DEQ concluded no compliance issues were observed. 4. A third party complaint was filed with the VADEQ on 12/5/2023 (Pollution Investigation Report_IR #311730). The complainant alleged there was a "active construction going on the hillside, with a shocking amount of runoff seeping down with high amounts of fine sediments" and "very little erosion control" at Sinking Creek by the Link Farm Covered Bridge. Based on a review of the SWPPP VSIR conducted at this location on 12/4/2023, the erosion and sediment controls were installed and functional and no issues were observed by the Spread G EI. Per the VADEQ website, formal Closure remains pending. 5. A third party complaint was filed with the VADEQ on 12/5/2023 (Pollution Investigation Report_IR #311731). The complainant alleged that "muddy sediment from MVP's dewatering pits continues to contaminate an un-named tributary to Sinking Creek and is entering the creek itself". Based on a review of the SWPPP VSIR conducted at this location on 12/4/2023, the erosion and sediment controls were installed and functional and no issues were observed by the Spread G EI. Per the VADEQ website, formal Closure remains pending). Refer to Landowner/Third Party Reported Complaints below for further discussion.											
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: 1 (On 12/4/2023 the Spread G EI observed approximately 187.9 square feet disturbed beyond the right of way due to excavation at MVP-GI-241.04. Based on communication with the Spread G LEI, it appears that right of way stakes became displaced during active construction activities. Per Corrective Action measures, the contractor staff is to discontinue off right of way foot traffic, the disturbed area beyond the right of way is to be remediated and stabilized upon landowner approval. An Agency Compliance Form (Noncompliance Report #778) was completed by the Spread G EI on 12/4/2023 and the VADEQ immediately notified. No environmental resources were impacted). Refer to Environmental Inspector Observations 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 11/27/2023 through 12/10/2023.											
CARRY OVER ITEMS FROM 11/26/2023											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2023		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.
11/24/2023		2					2			2 on 11/27/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/26/2023		16					16		14 on 11/27/2023	1 on 11/28/2023 1 on 11/29/2023	Sixteen items were identified requiring ESC/Pollution Prevention repair/maintenance. Fourteen items have 24 Hours to be completed and two items have three days to be completed within the required timeframes.
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
11/27/2023		23					23		22 on 11/28/2023	1 on 11/28/2023	Twenty-three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/28/2023	0.0"-0.2" - 2 Hours *Scattered showers occurred on 11/27/2023	14					14		14 on 11/29/2023		Fourteen items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe. Six of the items were identified by the JNF third party inspectors.
11/29/2023		23				1	22		20 on 11/30/2023	3 on 11/30/2023	Twenty-three items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to wildlife traffic.
11/30/2023		8					8		8 on 12/1/2023		Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/1/2023		4					4		4 on 12/2/2023		Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/2/2023	0.0"-0.1" - 3 Hours *Scattered showers occurred on 12/1/2023	8					8			6 on 12/4/2023 2 on 12/5/2023	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe. Five of the items were identified by the JNF third party inspectors.
12/4/2023		34		1			34	1 on 12/4/2023 to be completed upon landowner approval (off right of way impact)	33 on 12/5/2023		Thirty-four items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe. Four of the items were identified by the JNF third party inspectors. One item was related to earthmoving activities extending beyond the right of way approximately 187.9 square feet at MVP-GI-241.04. Based on communication with the Spread G LEI, it appears that right of way stakes became displaced during active construction activities. Per Corrective Action measures, the contractor staff is to discontinue off right of way foot traffic, the disturbed area beyond the right of way is to be remediated and stabilized upon landowner approval. An Agency Compliance Form (Noncompliance Report #778) was completed by the Spread G EI on 12/4/2023 and the VADEQ immediately notified. No environmental resources were impacted. This item has been extended indefinitely via an extension request approval and will be addressed upon landowner approval.
12/5/2023		93					93		81 on 12/6/2023	9 on 12/6/2023 3 on 12/8/2023	Ninety-three items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
12/6/2023	0.05"-0.2" - 1 Hour *Rainfall occurred late 12/5/2023	50					50		46 on 12/7/2023	2 on 12/7/2023 2 on 12/8/2023	Fifty items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
12/7/2023		7					7		7 on 12/8/2023		Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/8/2023		17					17		17 on 12/9/2023		Seventeen items were identified requiring ESC repair/maintenance and completed within the required timeframe.

VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS											
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE						TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
12/1/2023	Mountain Lake Road/Zells Mill Road						1			A third party complaint was filed with the VADEQ on 12/1/2023 (Pollution Investigation Report_IR #311686). The complainant alleged there was a "sediment plume in Sinking Creek from MVP". The Environmental Auditor conducted a site inspection on 12/2/2023 and observed the ESC measures to be installed and functional and no impacts to Sinking Creek (S-NN17) were observed at the time of the evaluation. The Environmental Auditor noted concerns related to dewatering activities occurring at MVP-MN-249.01 and communicated observations and recommendations to the Spread G Environmental inspection staff, Chief EI, and MVP Environmental staff. The VADEQ conducted an inspection and per the Closure section of the IR on 12/4/2023, determined the required erosion and sediment control measures were in place, properly functioning, and no compliance issues were observed.	
12/5/2023	Mountain Lake Road/Covered Bridge Lane						1			A third party complaint observed on 12/5/2023 (Pollution Investigation Report_IR #311718). The complainant alleged "muddy water running off MVP work site into Sinking Creek". The Environmental Auditor conducted a site inspection on 12/2/2023 and observed the ESC measures to be installed and functional and no impacts to Sinking Creek (S-NN17) were observed at the time of the evaluation. The Environmental Auditor noted concerns related to dewatering activities occurring at MVP-MN-249.01 and communicated observations and recommendations with the Spread G Environmental inspection staff, Chief EI, and MVP Environmental staff. The Environmental Auditor reviewed the SWPPP VSIR for the required inspection conducted on 12/4/2023 and noted the EI did not observe any issues. The VADEQ conducted an inspection and per the Closure section of the IR on 12/6/2023, determined the required erosion and sediment control measures were in place, properly operating, no impacts to resources were observed, and no compliance issues were observed. It should be noted that the Environmental Auditor discovered this complaint via the VADEQ website on 12/8/2023.	
12/5/2023	Mountain Lake Road/Zells Mill Road						1			A third party complaint was observed on 12/5/2023 (Pollution Investigation Report_IR #311720). The complainant alleged there was "Muddy sediment laden water running directly into Sinking Creek". The Environmental Auditor conducted a site inspection on 12/2/2023 and observed the ESC measures to be installed and functional and no impacts to Sinking Creek (S-NN17) were observed at the time of the evaluation. The Environmental Auditor noted concerns related to dewatering activities occurring at MVP-MN-249.01 and communicated observations and recommendations with the Spread G Environmental inspection staff, Chief EI, and MVP Environmental staff. The Environmental Auditor reviewed the SWPPP VSIR for the required inspection conducted on 12/4/2023 and noted the EI did not observe any issues. The VADEQ conducted an inspection and per the Closure section of the IR on 12/6/2023, determined the required erosion and sediment control measures were in place, properly operating, no impacts to resources were observed, and no compliance issues were observed. It should be noted that the Environmental Auditor discovered this complaint via the VADEQ website on 12/8/2023.	
12/5/2023	Mountain Lake Road/Link Farm Covered Bridge						1			A third party complaint was filed with the VADEQ on 12/5/2023 (Pollution Investigation Report_IR #311730). The complainant alleged there was "active construction going on the hillside, with a shocking amount of runoff seeping down with high amounts of fine sediments" and "very little erosion control" at Sinking Creek by the Link Farm Covered Bridge. The Environmental Auditor conducted a site inspection on 12/2/2023 and observed the ESC measures to be installed and functional and no impacts to Sinking Creek (S-NN17) were observed at the time of the evaluation. The Environmental Auditor noted concerns related to dewatering activities occurring at MVP-MN-249.01 and communicated observations and recommendations with the Spread G Environmental inspection staff, Chief EI, and MVP Environmental staff. The Environmental Auditor reviewed the SWPPP VSIR for the required inspection conducted on 12/4/2023 and noted the EI did not observe any issues. Per the VADEQ website, formal Closure remains pending. It should be noted that the Environmental Auditor discovered this complaint via the VADEQ website on 12/8/2023.	
12/5/2023	Mountain Lake Road/Zells Mill Road						1			A third party complaint was filed with the VADEQ on 12/5/2023 (Pollution Investigation Report_IR #311731). The complainant alleged that "muddy sediment from MVP's dewatering pits continues to contaminate an un-named tributary to Sinking Creek and is entering the creek itself". The Environmental Auditor conducted a site inspection on 12/2/2023 and observed the ESC measures to be installed and functional and no impacts to Sinking Creek (S-NN17) were observed at the time of the evaluation. The Environmental Auditor noted concerns related to dewatering activities occurring at MVP-MN-249.01 and communicated observations and recommendations with the Spread G Environmental inspection staff, Chief EI, and MVP Environmental staff. The Environmental Auditor reviewed the SWPPP VSIR for the required inspection conducted on 12/4/2023 and noted the EI did not observe any issues. Per the VADEQ website, formal Closure remains pending. It should be noted that the Environmental Auditor discovered this complaint via the VADEQ website on 12/8/2023.	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS						CONCLUSION AND RECOMMENDATIONS				
11/29/2023	The Environmental Auditor conducted a site evaluation at MVP-GI-244 (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, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to proper soil stabilization blanket (SSB) installation (anchoring) and installing additional SSB on disturbed portions of a streambank.				
12/2/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-234 (CIS/GAS), MVP-GI-235 (CIS), MVP-GI-236 (CIS), MVP-GI-249.03 (CIS), and MVP-GI-249.01 (GAS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to dewatering activities at MVP-GI-249.01 where the discharged water became concentrated through a well vegetated field, subsequently flooding a downslope landowner driveway. The runoff from the landowner's unimproved driveway then flowed into a roadside ditch along the Mountain Lake Road causing turbid water to flow through a cross culvert and into a drainage ditch west of Mountain Lake Road. Per Communication with the Spread G LEI and EI on 12/2/2023, the Environmental Auditor recommended constructing the dewatering facilities to enhance treatment/dispersion of the discharged water. The Environmental Auditor was then informed that the dewatering activities have been suspended through 12/3/2023. Per review of the 12/4/2023 SWPPP VSIR 12/4/2023, active dewatering activities resumed on 12/4/2023 and no impacts were observed during the inspection. Based on follow up communication with the MVP Environmental staff on 12/6/2023, dewatering activities related to the S-NN17 bore activity have been temporarily suspended and a new dewatering location has been selected where advanced water treatment facilities will be utilized in conjunction with the pumped water filter bag/straw bale dewatering facilities.				
12/7/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-241.04 (GAS), Norcross Road (CIS/GAS), MVP-GI-238.01 (GAS), MVP-MLV-AR-24 (CIS/GAS), Cascade Drive (CIS), and MVP-GI-241.02 (GAS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations related to minor spills requiring clean up and disposal. The Spread G LEI immediately sent EIs to the respective spill locations to oversee proper cleanup and disposal.				
11/27/2023 through 12/10/2023	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 reviewed the SWPPP VSIRs and noted a missing section within the VSIR on 11/30/2023. It appears that there was oversight during recent SWPPP inspection restructuring/rescheduling. This section was missed by two days. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff regarding the missing VSIR. Daily inspections occurred within the missing section and an item (72 hours) was added to the punchlist on 12/2/2023. The Environmental Auditor communicated with all Spread LEIs on 12/7/2023 regarding the Bi-Weekly reporting period ending on 12/10/2023 and the Q4 Reporting period ending on 12/31/2023.						The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.				

REQUIRED FINDINGS AND CONCLUSIONS		
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	No	<p>1. The Environmental Auditor reviewed the SWPPP VSIRs and noted a missing section within the VSIR on 11/30/2023. It appears that there was oversight during recent SWPPP inspection restructuring/rescheduling. This section was missed by two days. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff regarding the missing VSIR. Daily inspections occurred within the missing section and an item (72 hours) was added to the punchlist on 12/2/2023.</p> <p>2. On 12/4/2023, the Spread G EI observed approximately 187.9 square feet disturbed beyond the right of way due to excavation at MVP-GI-241.04. Based on communication with the Spread G LEI, it appears that right of way stakes became displaced during active construction activities. Per Corrective Action measures, the contractor staff is to discontinue off right of way foot traffic, the disturbed area beyond the right of way is to be remediated and stabilized upon landowner approval. An Agency Compliance Form (Noncompliance Report #778) was completed by the Spread G EI on 12/4/2023 and the VADEQ immediately notified. No environmental resources were impacted.</p>
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: 12/24/2023
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 59 conducted from 12/11/2023 through 12/24/2023 (includes LY-026)

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 12/11/2023 through 12/24/2023 (Includes Carry Over Items from 12/10/2023): 468

Total Number of ODCP Inspections at Laydown Yard 026: 6 (12/11/2023 through 12/16/2023); 5 (12/18/2023 through 12/22/2023)

Total Number of VA DEQ Observations from 12/11/2023 through 12/24/2023: 0

Total Number of Landowner/Third Party Complaints: 4 (1. A third party complaint was filed with the VADEQ on 12/14/2023 (Pollution Investigation Report_IR #311849). The complainant alleged there was a "sediment in Sinking Creek (S-NN17) at MVP crossing". Per the Closure section of the IR on 12/15/2023, the VADEQ concluded no compliance issues were observed. 2. A third party complaint was filed with the VADEQ on 12/14/2023 (Pollution Investigation Report_IR #311852). The complainant alleged "MVP's dewatering systems for the bore underneath Sinking Creek (S-NN17) at Mountain Lake Road failed sending muddy sediment directly into the creek". Per the Closure section of the IR on 12/15/2023, the VA DEQ concluded no compliance issues were observed. 3. A third party complaint was filed with the VADEQ on 12/21/2023 (Pollution Investigation Report_IR #311940). The complainant alleged "sediment from Mountain Valley Pipeline dewatering is polluting the stream (S-NN17) at Mountain Lake Road". Per the Closure section of the IR on 12/22/2023, the VA DEQ concluded no compliance issues were observed. 4. A third party complaint was filed with the VADEQ on 12/21/2023 (Pollution Investigation Report_IR #311945). The complainant alleged "sediment from MVP's dewatering operations continue to pollute Sinking Creek (S-NN17)". Per the Closure section of the IR on 12/22/2023, the VA DEQ concluded no compliance issues were observed). Refer to Landowner/Third Party Reported Complaints below for further discussion.

Per the Closure section of the VADEQ Pollution Investigation Report #311730 dated 12/12/2023 based on a third party complaint observed on 12/5/2023, the VADEQ concluded no compliance issues were observed. Per the Closure section of the VADEQ Pollution Investigation Report #311731 dated 12/12/2023 based on a third party complaint observed on 12/5/2023, the VADEQ concluded the turbid water released to Sinking Creek (S-NN17) has stopped due to appropriate compliance actions conducted by MVP and verified by the VADEQ.

Total Number of Right of Way Impacts Caused by Third Parties: 5 (wildlife traffic and livestock traffic)

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

Total Number of Off Right of Way Impacts: 0

Total Number of Environmental Resource Impacts: 1 (On 12/14/2023, the Spread G EI observed muddy/turbid water from the bore pit dewatering activities discharging into S-NN17 resulting in an environmental resource impact. Upon further evaluation, the EI discovered the contractor installed an incorrect filter within the advanced treatment system. As a result of the incorrect filter installation, the muddy/turbid water bypassed the system, the final dewatering facilities became overwhelmed, and subsequently impacting S-NN17. Dewatering was immediately halted via a self-imposed stop work order until the deficiencies were corrected. The Spread G EI submitted an Agency Compliance Form (NCR #784). On 12/15/2024, the Spread G EI conducted a follow up inspection at this location and did not observe turbidity or sediment deposition within S-NN17). Refer to Landowner/Third Party Complaints and Required Findings and Conclusions below for further discussion.

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

Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 12/11/2023 through 12/24/2023.

CARRY OVER ITEMS FROM 12/10/2023

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2023		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.
12/4/2023		1		1				1 on 12/4/2023 Extended indefinitely until landowner permission has been granted	1 on 12/14/2023		One item was identified requiring off right of way regrading and stabilization due to contractor encroachment was completed via an extended extension request by the VADEQ as landowner permission was granted to conduct the necessary repairs and stabilization.

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
12/11/2023	0.8"-1.4" - 12 Hours *Rainfall occurred on 12/10/2023	244					244		169 on 12/12/2023	65 on 12/12/2023 9 on 12/13/2023 1 on 12/14/2023	Two Hundred forty-four items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
12/12/2023		70					70		50 on 12/13/2023	4 on 12/13/2023 3 on 12/14/2023 13 on 12/15/2023	Seventy items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/13/2023		65						2 on 12/14/2023 to be completed on 12/16/2023 (24 Hour items)	43 on 12/14/2023 2 on 12/16/2023	17 on 12/14/2023 3 on 12/15/2023	Sixty-five items were identified requiring ESC /Pollution Prevention repair/maintenance and completed within the required timeframe. Two of the completed items were extended via an extension request approved by the VADEQ.
12/14/2023		15				4	11		10 on 12/15/2023	5 on 12/15/2023	Fifteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. Four of the identified items were caused by third party impacts related to wildlife traffic.
12/15/2023		35					35		21 on 12/16/2023	13 on 12/16/2023 1 on 12/18/2023	Thirty-five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/18/2023	0.3"-0.5" - 12 Hours *Rainfall occurred on 12/17/2023	26					26		14 on 12/19/2023	11 on 12/19/2023 1 on 12/20/2023	Twenty-six items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
12/19/2023		5				1	4		2 on 12/20/2023	3 on 12/21/2023	Five 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.
12/20/2023		4					4		1 on 12/21/2023	3 on 12/21/2023	Four 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	
12/14/2023	Mountain Lake Road/Zells Mill Road						1			A third party complaint was filed with the VADEQ on 12/14/2023 (Pollution Investigation Report_IR #311849). The complainant alleged there was a "sediment in Sinking Creek (S-NN17) at MVP crossing". On 12/13/2023, the Environmental Auditor conducted a site evaluation and observed advanced water treatment facilities being set up to treat dewatering activities from the bore pit and no dewatering activities occurring at the time of the evaluation. Based on a conversation with the Spread G LEI, dewatering resumed on 12/14/2023. However, the contractor incorrectly installed a filter which caused the pumped water to bypass the treatment system subsequently discharging "muddy/turbid" water into S-NN17. Pumping was immediately shut down via an internal stop work order and an Agency Noncompliance Form (NCR #784) was submitted by the Spread G LEI. Based on an inspection conducted by the Spread G EI on 12/15/2023, no turbidity or sediment deposition was observed within S-NN17. Per the Closure section of the IR on 12/15/2023, the VADEQ determined the required ESC measures were in place and properly functioning. While investigating the dewatering facilities, the VADEQ observed pumping/dewatering halted, no turbidity or sediment deposition was observed within the waterway, and no compliance issues were observed.	
12/14/2023	Mountain Lake Road/Covered Bridge Lane						1			A third party complaint was filed with the VADEQ on 12/14/2023 (Pollution Investigation Report_IR #311852). The complainant alleged "MVP's dewatering systems for the bore underneath Sinking Creek (S-NN17) at Mountain Lake Road failed sending muddy sediment directly into the creek". On 12/13/2023, the Environmental Auditor conducted a site evaluation and observed advanced water treatment facilities being set up to treat dewatering activities from the bore pit and no dewatering activities occurring at the time of the evaluation. Based on a conversation with the Spread G LEI, dewatering resumed on 12/14/2023. However, the contractor incorrectly installed a filter which caused the pumped water to bypass the treatment system subsequently discharging "muddy/turbid" water into S-NN17. Pumping was immediately shut down via an internal stop work order and an Agency Noncompliance Form (NCR #784) was submitted by the Spread G EI on 12/15/2023, no turbidity or sediment deposition was observed within S-NN17. Per the Closure section of the IR on 12/15/2023, the VADEQ determined the required ESC measures were in place and properly functioning. While investigating the dewatering facilities, the VADEQ observed pumping/dewatering halted, no turbidity or sediment deposition was observed within the waterway, and no compliance issues were observed.	
12/21/2023	Mountain Lake Road/Zells Mill Road						1			A third party complaint was filed with the VADEQ on 12/21/2023 (Pollution Investigation Report_IR #311940). The complainant alleged "sediment from Mountain Valley Pipeline dewatering is polluting the stream (S-NN17) at Mountain Lake Road". On 12/20/2023, the Environmental Auditor conducted a site evaluation and observed the contractor continuing to work on the dewatering advanced treatment system. No active pumping to the dewatering facilities was occurring at the time of the evaluation. Based on a conversation with the Spread G LEI, dewatering resumed on 12/21/2023. However, due the high volume pumping rate overwhelming the current treatment system, turbid water discharged into S-NN17. Pumping was immediately shut down and additional treatment units will be installed. Based on an inspection conducted by the Spread G EI, no sediment deposition was observed within S-NN17. Per the Closure section of the IR on 12/22/2023, the VADEQ determined the required ESC measures were in place and properly functioning. While investigating the dewatering facilities, the VADEQ observed the current ESC measures installed, functioning properly, and no compliance issues were observed.	
12/21/2023	Mountain Lake Road/Zells Mill Road						1			A third party complaint was filed with the VADEQ on 12/21/2023 (Pollution Investigation Report_IR #311945). The complainant alleged "sediment from MVP's dewatering operations continue to pollute Sinking Creek (S-NN17)". On 12/20/2023, the Environmental Auditor conducted a site evaluation and observed the contractor continuing to work on the dewatering advanced treatment system. No active pumping to the dewatering facilities was occurring at the time of the evaluation. Based on a conversation with the Spread G LEI, dewatering resumed on 12/21/2023. However, due the high volume pumping rate overwhelming the current treatment system, turbid water discharged into S-NN17. Pumping was immediately shut down and additional treatment units will be installed. Based on an inspection conducted by the Spread G EI, no sediment deposition was observed within S-NN17. Per the Closure section of the IR on 12/22/2023, the VADEQ determined the required ESC measures were in place and properly functioning. While investigating the dewatering facilities, the VADEQ observed the current ESC measures installed, functioning properly, and no compliance issues were observed.	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS							CONCLUSION AND RECOMMENDATIONS			
12/13/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-237 (GAS), Norcross Road (CIS/GAS), Big Stony Creek Road (GAS), Big Branch Hollow Road (CIS/GAS), Cascade Drive (CIS), MVP-GI-241.02 (GAS), and MVP-249.01 (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 ensuring waterbars extend to the edge of the right of way to capture upslope flow and conduct temporary bridge cleaning throughout the work day and prior to a precipitation event as needed. The Environmental Auditor conducted an evaluation at Mountain Lake Road/MVP-249.01 (CIS) and observed dewatering advanced treatment systems set up. The Environmental Auditor recommended closely monitoring the final dewatering facilities to ensure discharge does not cause accelerated erosion.			
12/20/2023	The Environmental Auditor conducted site evaluations at the following locations: Kow Camp Road #2 (CIS), Kow Camp Road #1 (CIS/GAS), Doe Creek Road (CIS), and MVP-GI-249.03 (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 ESC measures repair/maintenance and conducting temporary stabilization. The Environmental Auditor conducted an evaluation at Mountain Lake Road/MVP-249.01 (CIS) and observed the contractor working on the dewatering advanced treatment systems set up. No active pumping to the dewatering facilities was occurring at the time of the evaluation. The Environmental Auditor also observed erosion control measures installed beyond the discharge locations to address potential erosion concerns to S-NN17.			
12/11/2023 through 12/24/2023	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 VSIRs documentation. The Environmental Auditor communicated with all Spread LEIs on 12/14/2023 regarding a potential upcoming heavy rainfall event and on 12/20/2023 regarding the Bi-Weekly reporting period ending on 12/24/2023 the Partial Bi-Weekly reporting period ending on 12/31/2023, and the Q4 Reporting period ending on 12/31/2023. The Environmental Auditor recommended restablizing locations on the right of way with soil stabilization blanket to minimize redundant maintenance and potential off right of way impacts at locations where mulch (straw or hydraulic) has become displaced and erosion occurred due to recent rainfall events.							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?	No	On 12/14/2023, the Spread G EI observed muddy/turbid water from the bore pit dewatering activities discharging into S-NN17 resulting in an environmental resource impact. Upon further evaluation, the EI discovered the contractor installed an incorrect filter within the advanced treatment system. As a result of the incorrect filter installation, the muddy/turbid water bypassed the system, the final dewatering facilities became overwhelmed, and subsequently impacting S-NN17. Dewatering was immediately halted via a self-imposed stop work order until the deficiencies were corrected. The Spread G LEI submitted an Agency Compliance Form (NCR #784). On 12/15/2024, the Spread G EI conducted a follow up inspection at this location and did not observe turbidity or sediment deposition within S-NN17.
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: 12/31/2023
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: **14** conducted from 12/26/2023 through 12/31/2023 (includes LY-026); Holiday on 12/25/2023
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 12/25/2023 through 12/31/2023 (Includes Carry Over Items from 12/24/2023): **70**
 Total Number of ODCP Inspections at Laydown Yard 026: **5** (12/27/2023 through 12/31/2023); Holiday on 12/25/2023 and 12/26/2023
 Total Number of VA DEQ Observations from 12/25/2023 through 12/31/2023: **0**
 Total Number of Landowner/Third Party Complaints: **1** (A third party complaint was observed on 12/27/2023 and filed with the VADEQ on 12/29/2023 (Pollution Investigation Report_IR #312014). The complainant alleged there was "extra sediment in stream (Craig Creek)" following a rain event "at two sites downstream of the MVP pipeline crossing". Based on communication with the Spread G LEI on 12/30/2023, the EI conducted an inspection throughout the right of way and no off right of way and/or impacts to Craig Creek (S-006/S-RR13) were observed at the time of the inspection. 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 VADEQ website formal Closure remains pending). Refer to Landowner/Third Party Reported Complaints below for further discussion.
 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 12/25/2023 through 12/31/2023.

CARRY OVER ITEMS FROM 12/24/2023

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2023		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.

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
12/27/2023	0.9"-1.7" - 24 Hours *Rainfall occurred from early 12/26/2023 through early 12/27/2023	42					42		37 on 12/28/2023	1 on 12/28/2023 2 on 12/29/2023 2 on 12/30/2023	Forty-two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/28/2023		23					23		13 on 12/29/2023	7 on 12/29/2023 2 on 12/30/2023 1 on 12/31/2023	Twenty-three items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
12/29/2023		2					2		2 on 12/29/2023		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.

VADEQ OBSERVATIONS

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

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS

DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
12/27/2023	Craig Creek Road	1	A third party complaint was observed on 12/27/2023 and filed with the VADEQ on 12/29/2023 (Pollution Investigation Report_IR #312014). The complainant alleged there was "extra sediment in stream (Craig Creek)" following a rain event "at two sites downstream of the MVP pipeline crossing". Based on communication with the Spread G LEI on 12/30/2023, the EI conducted an inspection throughout the right of way and no off right of way and/or impacts to Craig Creek (S-006/S-RR13) were observed at the time of the inspection. On 12/31/2023, the Environmental Auditor conducted a site evaluation and observed the ESC/Pollution Prevention measures installed and functional and no project related impacts were observed at S-PP21, S-PP20, S-006, 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. Per the VADEQ website formal Closure remains pending.

ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS		
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS
12/30/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-MLV-AR-26 (CIS/GAS), MVP-MN-258.04 (CIS/GAS), and Craig 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 G LEI, Assistant LEIs, Chief EI, and MVP Environmental staff regarding observations and recommendations related to conducting repairs to silt fence damaged by wildlife traffic. The Environmental Auditor conducted an evaluation as a follow up to the Third Party complaint filed with the VADEQ on 12/29/2023 and observed the ESC/Pollution Prevention measures installed and functional and no project related impacts to environmental resources at MVP-MN-258.04 (CIS/GAS) and Craig Creek Road (CIS).
12/25/2023 through 12/31/2023	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 VSIRs documentation. The Environmental Auditor communicated with all Spread LEIs on 12/30/2023 regarding the Partial Bi-Weekly reporting period ending on 12/31/2023 and the Q4 reporting period ending on 12/31/2023. The Environmental Auditor provided technical recommendations to monitor turbidity at dewatering facilities discharge locations, continue monitoring permanently restored areas, conduct ESC measures repairs and implement enhancements where erosion is occurring or could occur, and conduct maintenance at permanent waterbar end treatments as needed.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.
REQUIRED FINDINGS AND CONCLUSIONS		
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes	
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes	
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes?	Yes	



Mountain Valley Pipeline Project – Spread H

Environmental Auditor Quarterly Report for Q4 2023

January 15, 2024

Environmental Auditor Contact Information

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

I. Introduction

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

As required by the Virginia Erosion and Sediment Control Law and the Stormwater Management Act Linear Entity, Mountain Valley Pipeline, LLC (MVP) has developed Annual Standards and Specifications to identify means and methods for controlling erosion and sediment during construction and post construction. MVP currently has inspection staff requirements on the Spread H Project to include a Lead Environmental Inspector (LEI) and a staff of Environmental Inspectors (EIs). The LEI/EIs obtained the Virginia Department of Environmental Quality (VADEQ) Erosion and Sediment Control (ESC)/Stormwater Management (SWM) Inspector Certifications. In addition to these Certifications, the LEI also obtained the VADEQ Program Administrator Certification. The MVP Environmental inspection staff is responsible for conducting routine daily inspections and inspecting all BMPs every four business days per the Storm Water Pollution Prevention Plan (SWPPP) requirements to ensure environmental compliance. These inspections are documented via Visual Site Inspection Reports (VSIRs) and internal/external communication to ensure the repair of all ineffective temporary ESC measures within 24 hours of identification, or as soon as conditions allow if compliance within this time frame would result in greater environmental impacts (provided the VADEQ concurs). Temporary ESC measures that are still effective but found to be in need of routine maintenance must be maintained within three days unless an extension is granted by VADEQ. This reporting period covers October 1, 2023 through December 31, 2023 (Q4 reporting period).

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

- Montgomery, Roanoke, and Franklin Counties
 - 12005+00-13422+00
 - Laydown Yards: PY-006 and LY-049

Based on coordination with the Spread H 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:

- 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 Q4 reporting period:

- Daily MVP Punch Lists (includes VADEQ findings);
- Environmental Auditor Bi-Weekly Reports;
- Frequent Communication with the MVP Environmental staff, 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 Report (PAR);
- Agency Compliance Forms - Noncompliance Report (NCR);
- Notice of Force Majeure Declaration and supporting documentation submitted on 12/20/2023; and
- Landowner/Third party complaints received by the VADEQ on 10/3/2023, 10/5/2023, 10/6/2023, 10/10/2023, 10/19/2023, 10/27/2023 (2), 11/8/2023, 11/21/2023, 11/24/2023, 11/25/2023, 11/29/2023, 12/1/2023, 12/3/2023, 12/4/2023, 12/8/2023, 12/10/2024 (2), 12/11/2023, 12/12/2023, 12/13/2023 (2), 12/20/2023, 12/21/2023, and 12/26/2023 (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 for the Q4 reporting period. **Please refer to the attached Environmental Auditor Bi-Weekly Reports for further detailed information.**

III. Quarterly Summary of Environmental Inspector Observations

Per Table H-1A, the EIs observed at total of 457 daily punchlist items (includes Carry Over items) requiring repair/maintenance throughout the Q4 reporting period. The Environmental Auditor noted no

items identified by the EIs as ESC measures damaged due to impacts caused by third party activities. The ESC measures were subsequently repaired/maintained within the required timeframes.

During the Q4 reporting period the Spread H Environmental inspection staff observed three off right of way impacts within upland locations and three environmental resource impacts at S-D8, S-MM13, and S-GH14.

On 11/15/2023, the EI identified a small hydraulic oil spill (approximately 10 gallons) west of Dillons Mill Road at the temporary bridge crossing at S-D8 (North Fork Blackwater River) due to a damaged hydraulic line. During cleanup activities, oil from the contractor's work boots created a small sheen where active streamflow was not occurring at that time due to pump around activities. Based on conversations with the Spread H LEI and MVP Environmental staff, spill absorbent pads were utilized to maintain and clean up the sheen. The MVP Environmental staff immediately contacted the VADEQ (Pollution Incident Report_IR #311554). The oil was immediately cleaned up from the timber mats and mitigated from the water where the visible sheen was observed. Materials impacted by the spill (timber mats, ESC measures, and soil) were promptly removed from the site for proper disposal. Per the Closure section of the IR on 11/16/2023, the VADEQ concluded no further action required.

On 12/10/2023, the EI identified an environmental resource impact at S-MM13 west of MVP-MN-270.01 as a result of two consecutive rainfall events with intervals of high intensity/short duration precipitation that occurred early evening on 12/9/2023 and 12/10/2023. The rainfall events caused an area of the recently restored streambank to become saturated just above the edge of the stream channel causing soil to permeate through the soil stabilization blanket (SSB) which subsequently migrated into the streambed and remained within the right of way. The VADEQ was immediately notified, sediment removed from the streambed, and the SSB enhanced on 12/11/2023. An Agency Compliance Form (PAR #781) was submitted by the Spread H LEI on 12/11/2023. A Declaration of Force Majeure was submitted to the VADEQ on 12/20/2023 due to the magnitude of the rainfall event. Prior to this event, the Environmental Auditor and the Spread H Environmental inspection staff observed long term seepage conditions at this location. The Spread H Environmental inspection staff continues to monitor this location and provide documentation within the respective SWPPP VSIRs. **Refer to Section VI. for further discussion.**

On 12/11/2023, the EI identified an environmental resource impact at S-GH14 east of Wades Gap Road as a result of two consecutive rainfall events with intervals of high intensity/short duration precipitation that occurred early evening on 12/9/2023 and 12/10/2023. The rainfall events caused an area of the recently restored streambank to slough, displacing the soil stabilization matting (SSM) resulting in sediment migrating into the streambed and traveling approximately 40 feet off right of way. The VADEQ was immediately notified, landowner approval granted, sediment retrieved, and the streambank restabilized on 12/12/2023. An Agency Compliance Form (PAR #782) was submitted by the Spread H LEI on 12/11/2023. A Declaration of Force Majeure was submitted to the VADEQ on 12/20/2023 due to the magnitude of the rainfall event. The Spread H Environmental inspection staff continues to monitor this location and provide documentation within the respective SWPPP VSIRs. **Refer to Section VI. for further discussion.**

On 12/15/2023, an off right of way sediment impact traveling approximately less than 50 feet occurred within an upland area west of MVP-RO-283. The onsite EI observed heavy sediment laden water discharging from the dewatering facility during bore pit dewatering operations. The dewatering facilities were properly installed and functional; however, the fines from the bore pit were too fine for standard filtering methods. The dewatering operations were immediately shut down, the VADEQ notified, and landowner access granted later that day. Due to lack of daylight on 12/15/2023, a small amount of off right of way sediment was removed and stabilization occurred the following day (12/16/2023) within the required timeframe. An Agency Compliance Form (PAR #786) was submitted by the Spread H LEI on 12/15/2023. On 12/18/2023, advanced treatment via a filtration unit was mobilized to address the fine particulate material and the dewatering facilities were reconstructed. No environmental resources were impacted. **Refer to Section VI. for further discussion.**

On 12/27/2023, the EI identified an off right of way impact within an upland location east of MVP-RO-288 as a result of a prolonged rainfall event with intervals of high intensity/short duration precipitation that occurred from 12/26/2023 into early 12/27/2023. The rainfall event caused a soil stockpile to slough resulting in the perimeter sediment control measures to become overwhelmed subsequently depositing sediment approximately three feet off right of way. The VADEQ was immediately notified and an indefinite extension request approved until landowner permission has been granted to retrieve the sediment. The ESC measures were repaired/enhanced within the required timeframe. An Agency Compliance Form (PAR #789) was submitted by the Spread H LEI on 12/28/2023. No environmental resources were impacted. **Refer to Section VI. for further discussion.**

On 12/27/2023, the EI identified an off right of way impact within an upland location at MVP-RO-287 (CIS) as a result of a prolonged rainfall event with intervals of high intensity/short duration precipitation that occurred from 12/26/2023 into early 12/27/2023. The rainfall event caused ESC measures to become overwhelmed subsequently depositing sediment approximately 50 feet off right of way. The VADEQ was immediately notified, landowner access granted, the impacted ESC measures were repaired/maintained, off right of way sediment removed, and stabilization occurred within the required timeframe. An Agency Compliance Form (PAR #790) was submitted by the Spread H LEI on 12/28/2023. No environmental resources were impacted. **Refer to Section VI. for further discussion.**

During the Q4 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 Q4 reporting period:

Table H-1A

Spread H Environmental Inspector Observations: October 1, 2023 – December 31, 2023					
Monthly Observation	Total Number Observations	Environmental Resource Impacts	Off Right of Way Impacts	Right of Way Impacts Caused by Third Parties	Weather Related Damage
October 2023	*150	0	0	0	0
November 2023	*142	1	0	0	0
December 2023	*165	2	3	0	0

* Includes Carry Over Items

The EIs conducted a total of 221 SWPPP inspections and provided respective VSIRs throughout the Q4 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 Q4 reporting period. Twenty-eight inspections were conducted in October, 26 inspections were conducted in November, and 24 inspections were conducted in December. On 10/16/2023 and 10/17/2023, a small spill was observed near the refueling station during the ODCP inspections. Based on communication with the Spread H LEI, the spill was only communicated to the contractor yard staff on 10/16/2023 and subsequently communicated to the Spread H Environmental staff on 10/17/2023. The Spread H Environmental staff immediately communicated with the contractor, the spill cleaned up, and materials properly disposed on 10/17/2023. On 12/20/2023, a minor amount of oil was observed during the ODCP inspection on the gravel where a contractor vehicle was parked. The contractor was immediately notified, the spill cleaned up, and materials properly disposed. No environmental resources were impacted and none of the spills exceeded the reportable quantity. Additional documentation was provided within the respective ODCP inspection reports.

An approximate total of 16 recordable precipitation events occurred during the Q4 reporting period. On 12/9/2023 and 12/10/2023, two precipitation events with intervals of high intensity/short duration rainfall produced approximately 1.3 inches of rainfall in 10 hours. These events caused soil from the saturated streambank to seep through the SSB resulting in an environmental resource impact to S-MM13. This impact was identified by the Spread H Environmental inspection staff on 12/10/2023. **Refer to discussion above, Table G-1B, and Section VI. for further discussion.**

On 12/9/2023 and 12/10/2023, two rainfall events with intervals of high intensity/short duration precipitation produced approximately 2.2 inches of rainfall in 10 hours. These events caused an area of a recently restored streambank to slough, tearing the SSM, resulting in an environmental resource impact to S-GH14. This impact was identified by the Spread H Environmental inspection staff on 12/11/2023. **Refer to discussion above, Table G-1B, and Section VI. for further discussion.**

From early morning 12/26/2023 through early morning on 12/27/2023, an extended precipitation event with intervals of high intensity/short duration rainfall produced approximately 1.7 inches in 27 hours. This event caused sediment control measures to become overwhelmed due to soil stockpile sloughing within an upland area. The off right of way impact was identified by the Spread H Environmental inspection staff on 12/27/2023. **Refer to discussion above, Table H-1B, and Section VI. for further discussion.**

From early morning 12/26/2023 through early morning on 12/27/2023, an extended precipitation event with intervals of high intensity/short duration rainfall produced approximately 1.7 inches in 27 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 Spread H Environmental inspection staff on 12/27/2023. **Refer to discussion above, Table H-1B, and Section VI. for further discussion.**

Based on rainfall gauge data provided by the Spread H EIs, the following Table H-1B provides a summary of monthly recorded rainfall dates, amounts based on lowest to highest rates, and estimated duration for each event throughout the Q4 reporting period:

Table H-1B

Spread H Rainfall and Duration Rates: October 1, 2023 – December 31, 2023					
October		November		December	
Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
10/7/2023	0.1"-0.3" - 11.5 Hours *Rainfall occurred late 10/6/2023 into early morning 10/7/2023	11/11/2023	0.0"-0.3" - 6 Hours *Scattered showers occurred on 11/10/2023	12/2/2023	0.0"-0.2" - 6.5 Hours *Scattered rain showers occurred on 12/1/2023
10/10/2023	0.1"-0.4" - 5 Hours *Rain showers occurred on 10/9/2023	11/18/2023	0.0"-0.1" - 2 Hours Light rain occurred late on 11/17/2023	12/3/2023	0.4"-0.8" - 15.25 Hours *Intermittent showers occurred 12/2/2023 into early 12/3/2023
10/14/2023	0.1"-0.2" - 2.5 Hours	11/22/2023	1.5"-2.0" - 15 Hours *Rainfall with intervals of higher intensity occurred on 11/21/2023	12/10/2023	1.1"-1.5" - 9.5 Hours *Rainfall occurred early 12/9/2023 then reoccurred late 12/9/2023 into early 12/10/2023
10/16/2023	0.0"-0.2" - 3 Hours *Scattered rain showers occurred on 10/14/2023			12/11/2023	0.4"-1.0" - 13 Hours *Rainfall ending in snow at higher elevations occurred throughout 12/10/2023
10/21/2023	0.2"-0.3" - 8.25 Hours *Light showers occurred on 10/20/2023			12/18/2023	0.4"-1.0" - 10 Hours *Rainfall occurred on 12/17/2023

Spread H Rainfall and Duration Rates: October 1, 2023 – December 31, 2023					
October		November		December	
Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
10/31/2023	0.0"-0.1" - 2.25 Hours *Isolated light showers occurred on 10/30/2023			12/26/2023	0.1"-0.5" - 3 Hours *Rainfall began early 12/26/2023 and continued following rain gauge readings at 7:00 am
				12/27/2023	0.9"-2.2" - 27 Hours *Rainfall occurred from early 12/26/2023 through early 12/27/2023

IV. Quarterly Summary of VADEQ Observations

Per Table H-1C, the VADEQ Inspectors observed a total of 19 items requiring repair/maintenance throughout the Q4 reporting period. The Environmental Auditor noted no items identified by the VADEQ as ESC measures damaged due to third party impacts throughout the Q4 reporting period. During the Q4 reporting period, the VADEQ did not identify project related off right of way or environmental resource impacts throughout the Spread H project area. The items provided on the daily MVP Punchlists throughout the Q4 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 Q4 reporting period:

Table H-1C

Spread H VADEQ Observations: October 1, 2023 – December 31, 2023					
Monthly Observation	Total Number Observations	Environmental Resource Impacts	Off Right of Way Impacts	Right of Way Impacts Caused by Third Parties	Weather Related Damage
October 2023	6	0	0	0	0
November 2023	6	0	0	0	0
December 2023	7	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 Q4 reporting period.

- A third party complaint was filed with the VADEQ on 10/3/2023 (Pollution Investigation Report_IR #311071). The complainant alleged there was "lots" of "water in the trench and bore pit running beside dirt pile" during a bore operation. The VADEQ conducted an inspection at this location on 10/4/2023 and determined no impacts occurred to S-ST9b/W-EF46. The Environmental Auditor conducted a site evaluation on 10/6/2023 and observed the ESC measures installed and functional and no impacts to the environmental resources. Per the Closure section of the IR on 10/11/2023, the VADEQ concluded no impacts were observed to the streams or wetlands.
- A third party complaint observed on 10/3/2023 and received by the VADEQ on 10/5/2023 (Pollution Investigation Report_IR #311088). The complainant alleged "Creek Pollution" in Bottom Creek below the MVP right of way within the Poor Mountain Road area. The Environmental Auditor reviewed the 10/3/2023 SWPPP VSIR for this location and noted the EI observed the ESC measures installed and functional and no impacts to environmental resources.

Per the Closure section of the IR on 10/11/2023, the VADEQ concluded the erosion and sediment controls were observed to be in place and functioning and no corrective actions specified.

- A third party complaint was observed on 10/5/2023 and received by the VADEQ on 10/6/2023 (Pollution Investigation Report_IR #311103). The complainant alleged "dust from construction access road". On 10/10/2023, the Environmental Auditor conducted a site evaluation at MVP-RO-288 and did not observe the access road stabilized and no fugitive dust issues at the time of the evaluation. On 10/14/2023, the Environmental Auditor communicated with the Spread H LEI regarding this complaint and was informed that additional water trucks are being utilized as necessary. Per the Closure section of the IR on 10/6/2023, the VADEQ concluded they do not regulate the operation of motor vehicles and that the concern is being addressed via MVP's fugitive dust program.
- A third party complaint was filed with the VADEQ on 10/10/2023 (Pollution Investigation Report_IR #311147). The complainant alleged "water pouring through hay bales" during dewatering activities. The VADEQ conducted an inspection at this location on 10/11/2023 and did not observe any issues. The Environmental Auditor conducted a site evaluation on 10/6/2023 and observed the dewatering facilities properly installed and functional and no impacts to the environmental resources were observed at the time of the evaluation. Per the Closure section of the IR on 10/13/2023, the VADEQ concluded no corrective actions were specified.
- A third party complaint was filed with the VADEQ on 10/19/2023 (Pollution Investigation Report_IR #311272). The complainant alleged there was a "break in the super silt fence directly above" S-Y8 and "two new large piles of dirt" behind the break. The VADEQ conducted an inspection at this location on 10/20/2023 and determined there were no issues. The Environmental Auditor conducted a site evaluation on 10/23/2023 and observed the "break" is to allow treated runoff from the waterbar end sump to discharge from the project and the ESC measures installed and functional per the ESC Plan requirements and no impacts to the environmental resources. Per the Closure section of the IR on 10/23/2023, the VADEQ concluded no compliance issues were observed.
- A third party complaint was observed on 10/25/2023 and received by the VADEQ on 10/27/2023 (Pollution Investigation Report_IR #311361). The complainant alleged there was "excessive dust and dirt flying off construction site" and "funneling down Route 460". The VADEQ conducted an inspection at this location on 10/27/2023 and determined there were no issues. The Environmental Auditor conducted a site evaluation later that day on 10/27/2023 and observed minor dust from construction traffic and immediately communicated dust suppression recommendations to the Spread H LEI. Per the Closure section of the IR on 11/1/2023, the VADEQ concluded no compliance issues were observed.
- A third party complaint was observed on 10/26/2023 and received by the VADEQ on 10/27/2023 (Pollution Investigation Report_IR #311362). The complainant alleged there was "muddy water leaving their LOD into a field very close to the Roanoke River and "possibly close to the river". The VADEQ conducted an inspection at this location on 10/27/2023 and determined there were no issues. The Environmental Auditor conducted a site evaluation later that day on 10/27/2023 at MVP-MN-279 (GAS) and observed the dewatering facilities properly installed/functional and clean discharge flowing through a well vegetated field. The Environmental Auditor also evaluated the Roanoke River (S-NN16) immediately downstream of the project and observed no impacts. Per the Closure section of the IR on 11/1/2023, the VADEQ concluded no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 11/8/2023 (Pollution Investigation Report_IR #311476). The complainant alleged MVP was "placing tools, machine parts, timber mats in protected area of streambanks and wetlands in bore site". The VADEQ conducted an inspection at this location on 11/9/2023 and determined there were no issues. The Environmental Auditor conducted a site evaluation later that day on 11/9/2023 and observed the ESC measures

installed and functional, materials/equipment stored in upland locations, and no impacts to S-Y7, S-Y8, and W-Y2 at the time of the evaluation. Per the Closure section of the IR on 11/13/2023, the VADEQ concluded no compliance issues were observed.

- A third party complaint was filed with the VADEQ on 11/21/2023 (Pollution Investigation Report_IR #311599). The complainant alleged "sediment runoff" from the MVP right of way at Bradshaw Creek (S-C21). Based on a conversation with the Spread H LEI on 11/22/2023, the Environmental Auditor was informed that the VADEQ conducted an inspection at this location and determined there were no issues. Per the Closure section of the IR on 11/22/2023, the VADEQ concluded no impacts to the stream.
- A third party complaint was filed with the VADEQ on 11/24/2023 (Pollution Investigation Report_IR #311626). The complainant alleged "tear in super silt fence at new dewatering box", "water running downhill and accumulated at tear above sy7" and "water not contained". The VADEQ conducted an inspection at this location on 11/24/2023 and determined there were no issues. It should be noted that the dewatering facilities (pumped water filter bag/straw bale structure) are designed and installed to initially treat the pumped water then subsequently release the treated water into a stable location. Per the Closure section of the IR on 12/4/2023, the VADEQ concluded no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 11/25/2023 (Pollution Investigation Report_IR #311627). The complainant alleged "Bottom Creek (S-ST9b) muddy from MVP bores trenching". A tie-in crew was in the process of open cutting the wetlands at Bottom Creek Road (CIS) and actively dewatering the open trench. The water is treated in a dewatering facility, released to perimeter sediment controls, then flows through approximately 100-125 feet of dense vegetation. It should be noted that downslope of the dense vegetation is an active, muddy cow pasture. The VADEQ investigated the project right of way and concluded that the dewatering facility and ESC measures were properly installed and functional. While investigating the complaint, the VADEQ observed active livestock downslope of the dewatering activities. Per the Closure section of the IR on 11/27/2023, the VADEQ concluded no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 11/29/2023 (Pollution Investigation Report_IR #311660). The complainant alleged "dewatering device for trench is overflowing into wetlands and creek". The Environmental Auditor conducted a site evaluation at this location on 12/6/2023 and observed the dewatering facility and ESC measures installed and functional and no environmental resource impacts at the time of the evaluation. Per the Closure section of the IR on 12/4/2023, the VADEQ concluded no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 12/1/2023 (Pollution Investigation Report_IR #311680). The complainant alleged "soil/wetlands theft" at W-AB3. Active construction for pipeline activities in this wetland were occurring and per the ESC Plan requirements, the topsoil was stripped and properly stored. Per the Closure section of the IR on 12/4/2023, the VADEQ concluded the wetland topsoil removal is in accordance with the approved construction plans and no compliance issues were observed.
- A third party complaint was observed on 12/2/2023 and filed with the VADEQ on 12/3/2023 (Pollution Investigation Report_IR #311693). The complainant alleged "water pumps polluting wetlands". On 12/6/2023, the Environmental Auditor conducted an evaluation at all environmental resource crossings and related dewatering facilities at MVP-RO-283 and provided a recommendation to closely monitor all dewatering facilities for proper functionality. Based on a conversation with the Spread H LEI, the Environmental Auditor was informed that the VADEQ conducted an inspection at this location on 12/4/2023 and determined there were no issues but did provide a routine maintenance punchlist item for a dewatering structure. Per the Closure

section of the IR on 12/5/2023, the VADEQ concluded the 12/4/2023 maintenance item was completed and no compliance issues were observed.

- A third party complaint was observed on 12/3/2023 and filed with the VADEQ on 12/4/2023 (Pollution Investigation Report_IR #311701). The complainant alleged "muddy water pooled on bridges, dripping down below into wetlands and creek was obvious", turbidity was measured using a "Secchi Tube" and that turbidity in the stream "seems clearly related to the condition of the nearby MVP worksite". On 12/6/2023, the Environmental Auditor conducted a site evaluation at S-EF20a/W-EF5, S-EF54, S-EF20b, and S-KL32 and observed the ESC measures installed and functional on the right of way and along the access road. No project related impacts to environmental resources were observed at the time of the evaluation. Based on communication from the Spread H LEI, the VADEQ inspector conducted an inspection at this location on 12/4/2023 and determined there were no issues. Per the Closure section of the IR on 12/5/2023, the VADEQ concluded all ESC measures in place, maintained and functional, the stream flowing clear with no evidence of sediment impacts, and no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 12/8/2023 (Pollution Investigation Report_IR #311769). The complainant alleged "water pumps polluting wetlands". Based on communication from the Spread H LEI, the VADEQ inspector conducted an inspection at this location on 12/9/2023 and determined there were no issues. Per the Closure section of the IR on 12/11/2023, the VADEQ concluded no compliance issues were observed.
- A third party complaint was observed on 12/8/2023 and filed with the VADEQ on 12/12/2023 (Pollution Investigation Report_IR #311809). The complainant alleged "sedimentation in Bottom Creek. Dewatering structures overwhelmed". The Environmental Auditor conducted a site evaluation at this location on 12/6/2023 and 12/11/2023 and observed the dewatering facility and ESC measures installed and functional and no sedimentation impacts to S-IJ88 were observed at the time of the evaluation. Per the Closure section of the IR on 12/14/2023, the VADEQ determined the dewatering facilities were functioning properly, not resulting in sedimentation, and concluded no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 12/10/2023 (Pollution Investigation Report_IR #311776). The complainant alleged "active pollution into sy7 from dewatering". Per the previous Environmental Auditor's Bi-Weekly reports and evaluations conducted on 12/12/2023 and 12/15/2023, the Environmental Auditor observed the dewatering facilities and ESC measures properly installed and functional and no impacts to S-Y7 or S-Y8 were observed at the time of the evaluation. Per the Closure section of the IR on 12/12/2023, the VADEQ concluded the required ESC measures and dewatering facilities maintained, functioning properly, and no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 12/10/2023 (Pollution Investigation Report_IR #311778). The complainant alleged "the inadequacy of E&S controls during ongoing rain has again contaminated the creek (S-EF20a) on Yellow Finch Lane (MVP-MN-278.01)" and speculated that "the only thing between the upstream and downstream (sampling sites) is the MVP ROW". On 12/11/2023, the Environmental Auditor conducted site evaluations at S-EF20a/W-EF5 (right of way crossing), S-EF54, S-EF20b, and S-KL32 and observed the ESC measures installed and functional on the right of way and along the access road. No project related impacts to environmental resources were observed at the time of the evaluation. Based on communication from the Spread H LEI, the VADEQ inspector conducted an inspection at this location on 12/11/2023 and determined there were no issues. Per the Closure section of the IR on 12/12/2023, the VADEQ concluded no sediment deposition was observed in S-EF20a/W-EF5 and no compliance issues were observed.
- A third party complaint was observed on 12/10/2023 and filed with the VADEQ on 12/11/2023 (Pollution Investigation Report_IR #311780). The complainant alleged "heavy sedimentation to

UNT to Mill Creek". Based on communication from the Spread H LEI, the VADEQ inspectors conducted an inspection of the right of way near Bottom Creek Road on 12/11/2023 and did not observe any noncompliance issues. On 12/12/2023, the Environmental Auditor conducted an evaluation at a dewatering facility at Bottom Creek Road (CIS) and observed the facility to be properly installed and functional; however, turbid water was discharging from the facility. The Environmental Auditor conducted an evaluation at Bottom Creek Road (GAS) and noted high turbidity within S-ST9B. The Environmental Auditor immediately notified the MVP Environmental staff and the Spread H LEI and the dewatering activities were shut down. The Environmental Auditor conducted a follow up evaluation on 12/15/2023 and observed a dewatering facility with enhanced filtration treatment installed at a new location. The water clarity of the discharge from the dewatering facility and the stream flow within S-ST9B appeared clear at the time of the evaluation. Per the Closure section of the IR on 12/12/2023, the VADEQ concluded all ESC measures in place, properly maintained, and no compliance issues were observed.

- A third party complaint was observed on 12/12/2023 and filed with the VADEQ on 12/13/2023 (Pollution Investigation Report_IR #311824). The complainant alleged "water pumps polluting wetlands". Based on communication from the Spread H LEI, the VADEQ inspector conducted an inspection at this location on 12/12/2023 and determined there were no issues. On 12/12/2023, the Environmental Auditor conducted an evaluation of the dewatering facilities at MVP-RO-283 and observed the facilities properly installed and functional. A high volume flow with minimal turbidity was observed discharging from the facilities and recommendations to continue to closely monitor the dewatering facilities for turbidity and potential off right of way erosion. On 12/15/2023, the Environmental Auditor conducted a follow up evaluation of the dewatering facilities and observed the facilities properly installed and functional. However, the discharge exhibited high turbidity which was flowing into S-IJ88. The Environmental Auditor immediately contacted the Spread H LEI and MVP Environmental staff and was informed that the dewatering activities at this location have been shut down until enhanced treatment measures are installed. Per the Closure section of the IR on 12/15/2023, the VADEQ concluded all ESC measures in place, operating properly, no sedimentation observed off of the right way, and no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 12/13/2023 (Pollution Investigation Report_IR #311825). The complainant alleged that the dry streambed (S-Y7) is a result of the MVP bore pit pumping activities and impacting a spring box. It should be noted that based on numerous inspections conducted by the Spread H Environmental staff, VADEQ, and the Environmental Auditor, S-Y7 does not exhibit year round perennial flow and the spring box is located upslope of the bore crossing activities. Per the Closure section of the IR on 12/15/2023, the VADEQ concluded all ESC measures in place, functioning properly, and no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 12/20/2023 (Pollution Investigation Report_IR #311929). The complainant alleged "mud running into creek". On 12/21/2023, the Environmental Auditor communicated with the Spread H Assistant LEI and was informed that turbid water was discharging from a dewatering facility utilized from the bore pit for S-IJ83/S-IJ88. As a result of the turbid water a 6" filter was installed on that pump. Per the Closure section of the IR on 12/22/2023, the VADEQ concluded the ESC measures observed to be in place, functioning properly, and no compliance issues were observed.
- A third party complaint was filed with the VADEQ on 12/21/2023 (Pollution Investigation Report_IR #311947). The complainant alleged "Water/mud leaving the LOD flowing in creek". On 12/22/2023, the Environmental Auditor communicated with the Spread H Assistant LEI and was informed that turbid water was discharging from a dewatering facility utilized for pumping water from well points. However, turbidity increased during drilling activities near the well points causing turbid water to discharge from the dewatering facility. When turbid water was observed

at the dewatering facility, the pumps were shut down and filters were installed on the pump hoses. Per the Closure section of the IR on 12/22/2023, the VADEQ concluded the ESC measures observed to be in place and operating properly. The VADEQ also noted that the source of turbid water was from the dewatering structure and dewatering operations have been suspended. No noncompliance issues were observed. On 12/29/2023, the Environmental Auditor conducted an evaluation at MVP-RO-283 and observed advanced treatment systems and newly constructed dewatering facilities installed and functional and no off right of way impacts observed at the time of the evaluation.

- A third party complaint was filed with the VADEQ on 12/26/2023 (Pollution Investigation Report_IR #311968). The complainant alleged "Muddy sediment from the MVP ROW, specifically on the timber mat bridge is entering the creek (Bohon Creek) on Yellow Finch Lane". Based on communication with the Spread H LEI and reviewing the SWPPP VSIR no compliance issues or impacts to environmental resources (S-EF20) were observed. Maintenance items observed by the Spread H EI during the SWPPP VSIR inspection were added to the daily MVP Punchlist and addressed within the required timeframes. It should be noted that approximately 1.4 inches of rainfall (with intervals of high intensity) fell between 12/26/2023 and 12/27/2023 at this location. Per the Closure section of the IR on 12/27/2023, the VADEQ observed S-EF20 to be flowing slightly discolored both upstream and downstream of the MVP right of way crossing and determined that stabilization and erosion and sediment control measures were in place, properly functioning, and no compliance issues were observed.

VI. Quarterly Summary of Environmental Auditor Observations and Recommendations

Per Table H-1D, the Environmental Auditor conducted 100 site evaluations during the Q4 reporting period and observed upland, stream crossings and stream bore locations where Pollution Prevention and ESC measures required repair/maintenance or additional (enhanced) ESC measures be installed.

During the Q4 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 H LEI, Assistant LEI, Chief EI, onsite EIs, Environmental Coordinator, contractor Environmental staff, and MVP Environmental staff. Repair/maintenance items and most recommendations were forwarded to the contractor Environmental staff by the Spread H Environmental inspection staff and subsequently addressed.

During the Q4 reporting period, the Environmental Auditor evaluated dewatering facilities throughout the right of way utilized during bore pit operations and tie-ins for proper installation and functionality. Two areas of focused evaluations were dewatering activities at MVP-RO-283 (CIS) and Bottom Creek Road (CIS).

On 12/6/2023 and 12/12/2023, the Environmental Auditor evaluated active dewatering facilities at MVP-RO-283 and observed a high volume of water with minimal turbidity discharging off right of way and provided recommendations to continue to monitor the dewatering facilities for increased turbidity and off right of way for potential erosion issues. On 12/15/2023, the Environmental Auditor evaluated the dewatering facilities and observed two locations where highly turbid water was discharging off right of way into S-IJ88. The Environmental Auditor immediately contacted the Spread H LEI and MVP Environmental staff and was informed that dewatering activities have been shut down and enhanced treatment measures are planned to be utilized. On 12/29/2023, the Environmental Auditor evaluated the dewatering facilities and observed advanced treatment systems utilized in conjunction with newly constructed dewatering facilities. No turbidity was observed off right of way at the time of the evaluation. The Environmental Auditor also evaluated the off right of way sediment impact identified by the EI on 12/15/2023 and observed the minimal sediment removed and the impacted area stabilized.

On 12/12/2023, the Environmental Auditor evaluated an active dewatering facility at Bottom Creek Road (CIS) and observed the pumped water filter bag not properly installed and highly turbid water discharging off right of way. The Environmental Auditor immediately contacted the Spread H LEI and Assistant LEI regarding this observation. Immediately following verbal communication, the Environmental Auditor met with the Assistant LEI onsite and reviewed the dewatering facility issues. The Assistant LEI and Environmental Auditor then evaluated S-ST9B and observed turbid water flowing through this stream and dewatering activities were immediately shut down. The Environmental Auditor was informed by the Chief EI and Spread H LEI that enhanced treatment measures would be utilized. On 12/15/2023, the Environmental Auditor evaluated the dewatering activities and observed enhanced filtration units in conjunction with a newly constructed dewatering facility relocated to a new area adjacent to a well vegetated field. No turbidity was observed off right of way and the flow appeared clear within S-ST9B at the time of the evaluation.

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 level 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.
- Install soil stabilization blanket (SSB) on slopes, drainage features, and stream crossings per VESCH 3.36. Consider enhancing SSB to soil stabilization matting (SSM) as necessary based on flow conditions, particularly at stream crossings and where dewatering activities entail a large volume of discharged water to minimize off right of way erosion.
- Ensure proper application rate is achieved for hydraulic seeding/mulching activities. Immediately stabilize areas where mulch has become displaced and erosion occurred. Consider installing SSB to minimize redundant maintenance and potential off right of way impacts.
- Implement frequent Dust Control measures on access roads and the right of way as necessary.
- Conduct frequent soil build up/removal maintenance at temporary bridge crossings throughout each day as necessary.
- Install additional/enhanced ESC measures as necessary throughout the right of way and access roads to minimize potential off right of way impacts and overall maintenance.
- Ensure secondary containment measures are properly installed and maintained.
- Install additional ESC measures on travel lane slope approaches to temporary bridge crossings at environmental resources.
- Properly install permanent waterbars and end treatments per the SWM Plan requirements and conduct repair/maintenance following runoff events where needed.

Administrative/Documentation Recommendations

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

The Environmental Auditor also provided recommendations to monitor ESC measures (includes dewatering), Pollution Prevention measures, and SWM measures throughout the project and conduct

repair/maintenance/enhancements and restabilization activities as necessary to meet the ESC Plan requirements.

On 12/11/2023, the Environmental Auditor evaluated S-MM13 where a sediment impact occurred due to two precipitation events with intervals of high intensity/short duration rainfall on 12/9/2023 and 12/10/2023. The Environmental Auditor observed the sediment cleaned up from the stream and repairs conducted to the SSB on the streambank. Based on long term seepage observed at this location, the Environmental Auditor recommended consulting with a Geotech and consider enhanced measures on the slope. The Spread H Environmental inspection staff and the Environmental Auditor continued to monitor this location throughout the Q4 reporting period.

On 12/18/2023, the Environmental Auditor evaluated S-GH14 where a sediment impact occurred due to two precipitation events with intervals of high intensity/short duration rainfall on 12/9/2023 and 12/10/2023. The Environmental Auditor observed the sediment cleaned up from the stream (on and off right of way) and repairs conducted to the SSM on the streambank. The Spread H Environmental inspection staff and the Environmental Auditor continued to monitor this location throughout the Q4 reporting period.

On 12/29/2023, the Environmental Auditor evaluated the location at US Highway 221 (CIS) where an off right of way impact occurred due to an extended precipitation event with intervals of high intensity/short duration rainfall from 12/26/2027 into 12/27/2023. The Environmental Auditor observed repair/maintenance conducted at the perimeter sediment controls and provided a recommendation to install additional ESC measures due to the proximity and unstable saturated soil stockpile. Based on communication with the Spread H LEI, additional ESC measures were installed later that day.

On 12/29/2023, the Environmental Auditor evaluated the location at MVP-RO-287 (CIS) where an off right of way impact occurred due to an extended precipitation event with intervals of high intensity/short duration rainfall from 12/26/2027 into 12/27/2023. The Environmental Auditor observed repair/maintenance conducted at the perimeter sediment controls, sediment retrieved, and the impacted area stabilized. The Environmental Auditor provided a recommendation to remove accumulated sediment in the waterbar end sump.

The Spread H Environmental inspection staff, contractor Environmental staff, Chief EI, and Environmental Auditor continue to monitor locations throughout the right of way and communicate/coordinate to repair/maintain and implement additional (enhanced) ESC/SWM measures as necessary. The Environmental Auditor continues to communicate with the Spread H LEI, 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 H-1D provides a summary of the monthly total number of site evaluations conducted by the Environmental Auditor throughout the Q4 reporting period.

Table H-1D

Environmental Auditor Field Observations: October 1, 2023 – December 31, 2023	
Month	Total Observations
October 2023	29
November 2023	36
December 2023	35

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; 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 Q4 reporting period. The Environmental Auditor recommends continued communication between the MVP Spread H Environmental inspection staff and the contractor Environmental staff to ensure all ESC (includes dewatering) and SWM measures are properly installed/functional and enhanced where necessary to maintain compliance with the approved ESC Plans and Annual Standards and Specifications.

As the VADEQ is aware, there are instances noted in the Q4 2019 through Q3 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 H

ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 10/1/2023 through 10/15/2023 (BEGINNING OF Q4 2023 REPORTING PERIOD)

ENVIRONMENTAL AUDITOR CONTACT INFORMATION

Joe Crea CPESC, CPSWQ

Tetra Tech

661 Andersen Drive, Suite 200, Pittsburgh PA 15220

Report Period Ending: 10/15/2023

Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 36 conducted from 10/1/2023 through 10/15/2023 (includes PY-006)

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 10/1/2023 through 10/15/2023 (includes Carry Over Items from 9/30/2023): 68

Total Number of ODCP Inspections at Laydown Yard PY-006: 7 (10/1/2023 through 10/7/2023); 6 (10/9/2023 through 10/14/2023): On 10/1/2023, small fuel spills were observed near the primary AST during the ODCP inspection. The contractor was immediately notified, the spills cleaned up, and materials properly disposed. Documentation was provided in the following ODCP inspection report on 10/2/2023. On 10/2/2023, small holes were observed within a secondary containment structure. The holes were documented as repaired within the 10/3/2023 ODCP inspection report. No environmental resources were impacted.

Total Number of VA DEQ Observations from 10/1/2023 through 10/15/2023: 5

Total Number of Landowner/Third Party Reported Complaints: 4 (1. A third party complaint was filed with the VADEQ on 10/3/2023 (Pollution Investigation Report_IR #311071). The complainant alleged there was "lots" of "water in the trench and bore pit running beside dirt pile" during a bore operation. Per the Closure section of the IR on 10/11/2023, the VADEQ concluded no impacts were observed to the streams or wetlands. 2. A third party complaint was observed on 10/3/2023 and received by the VADEQ on 10/5/2023 (Pollution Investigation Report_IR #311088). The complainant alleged "Creek Pollution" in Bottom Creek below the MVP right of way within the Poor Mountain Road area. Per the Closure section of the IR on 10/11/2023, the VADEQ concluded the erosion and sediment controls were observed to be in place and functioning and no corrective actions specified. 3. A third party complaint was observed on 10/5/2023 and received by the VADEQ on 10/6/2023 (Pollution Investigation Report_IR #311103). The complainant alleged "dust from construction access road". Per the Closure section of the IR on 10/6/2023, the VADEQ concluded they do not regulate the operation of motor vehicles and that the concern is being addressed via MVP's fugitive dust program. 4. A third party complaint was filed with the VADEQ on 10/10/2023 (Pollution Investigation Report_IR #311147). The complainant alleged "water pouring through hay bales" during dewatering activities. Per the Closure section of the IR on 10/13/2023, the VADEQ concluded no corrective actions were specified). Refer to Landowner/Third Party Reported Complaints for further discussion.

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 10/1/2023 through 10/15/2023.

CARRY OVER ITEMS FROM 9/30/2023

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	2021 1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 5/12, 5/19, 6/2, 6/9, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, and 12/16/2021 2022 1/17, 2/17, 3/17, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, 11/15, and 12/15/2022 2023 1/16, 2/16, 3/15, 4/14, 5/15, 6/15, 7/14, 8/15, and 9/16/2023 to be completed on 10/17/2023			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.

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
10/2/2023		2					2			1 on 10/4/2023 1 on 10/5/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/3/2023		9					9		1 on 10/3/2023	5 on 10/3/2023 2 on 10/4/2023 1 on 10/6/2023	Nine items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
10/4/2023		9					9			2 on 10/5/2023 7 on 10/6/2023	Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/5/2023		3					3			2 on 10/6/2023 1 on 10/7/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/6/2023		4					4		3 on 10/7/2023	1 on 10/7/2023	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/9/2023		7					7		3 on 10/7/2023 1 on 10/10/2023	1 on 10/11/2023 2 on 10/12/2023	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/10/2023	0.1"-0.4" - 5 Hours *Rain showers occurred on 10/9/2023	22					22			14 on 10/11/2023 8 on 10/12/2023	Twenty-two items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
10/11/2023		5					5			1 on 10/11/2023 3 on 10/12/2023 1 on 10/13/2023	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/13/2023		3					3		1 on 10/14/2023	2 on 10/13/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/14/2023	0.1"-0.2" - 2.5 Hours	3					3				Three items were identified requiring ESC repair/maintenance and have 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
10/3/2023		1					1			1 on 10/3/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
10/5/2023		2					2			2 on 10/5/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/6/2023		2					2			2 on 10/7/2023	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	
10/3/2023	Bottom Creek Road						1			A third party complaint was filed with the VADEQ on 10/3/2023 (Pollution Investigation Report_IR #311071). The complainant alleged there was "lots" of "water in the trench and bore pit running beside dirt pile" during a bore operation. The VADEQ conducted an inspection at this location on 10/4/2023 and determined no impacts occurred to S-ST9b/W-EF46. The Environmental Auditor conducted a site evaluation on 10/6/2023 and observed the ESC measures installed and functional and no impacts to the environmental resources. Per the Closure section of the IR on 10/11/2023, the VADEQ concluded no impacts were observed to the streams or wetlands.	
10/3/2023	Poor Mountain Road						1			A third party complaint observed on 10/3/2023 and received by the VADEQ on 10/5/2023 (Pollution Investigation Report_IR #311088). The complainant alleged "Creek Pollution" in Bottom Creek below the MVP right of way within the Poor Mountain Road area. The Environmental Auditor reviewed the 10/3/2023 SWPPP VSIR for this location and noted the EI observed the ESC measures installed and functional and no impacts to environmental resources. Per the Closure section of the IR on 10/11/2023, the VADEQ concluded the erosion and sediment controls were observed to be in place and functioning and no corrective actions specified.	
10/5/2023	MVP-RO-288						1			A third party complaint was observed on 10/5/2023 and received by the VADEQ on 10/6/2023 (Pollution Investigation Report_IR #311103). The complainant alleged "dust from construction access road". On 10/10/2023, the Environmental Auditor conducted a site evaluation at MVP-RO-288 and did not observe the access road stabilized and no fugitive dust issues at the time of the evaluation. On 10/14/2023, the Environmental Auditor communicated with the Spread H LEI regarding this complaint and was informed that additional water trucks are being utilized as necessary. Per the Closure section of the IR on 10/6/2023, the VADEQ concluded they do not regulate the operation of motor vehicles and that the concern is being addressed via MVP's fugitive dust program.	
10/10/2023	Bottom Creek Road						1			A third party complaint was filed with the VADEQ on 10/10/2023 (Pollution Investigation Report_IR #311147). The complainant alleged "water pouring through hay bales" during dewatering activities. The VADEQ conducted an inspection at this location on 10/11/2023 and did not observe any issues. The Environmental Auditor conducted a site evaluation on 10/6/2023 and observed the dewatering facilities properly installed and functional and no impacts to the environmental resources were observed at the time of the evaluation. Per the Closure section of the IR on 10/13/2023, the VADEQ concluded no corrective actions were specified.	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS						CONCLUSION AND RECOMMENDATIONS				
10/6/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-279.01 (GAS), Bottom Creek Road (GAS), MVP-RO-286 (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, Chief EI, and MVP Environmental staff regarding recommendations to install additional/enhanced ESC measures upslope from environmental resource crossings. The Environmental Auditor conducted site evaluations in response to a third party complaints at Bottom Creek Road and MVP-RO-287 and observed the ESC measures installed and functional and no impacts to the environmental resources at the time of the evaluations.				
10/10/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-288 (CIS/GAS), MVP-FR-289 (CIS), MVP-FR-291 (GAS), MVP-FR-292 (CIS), and Webster Corner 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 onsite EI, contractor, Spread H LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to Pollution Prevention measures repair/maintenance and ESC measures proper installation per the ESC Plan requirements.				
10/1/2023 through 10/15/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread H Project. The Environmental Auditor communicated with all Spread LEIs on 10/14/2023 regarding the Bi-Weekly reporting period ending on 10/15/2023. The Environmental Auditor provided technical recommendations related to properly installing soil stabilization blanket based on flow direction and ensuring proper hydraulic seeding/mulch application rates and coverage.						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: 10/29/2023
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: **34** conducted from 10/16/2023 through 10/29/2023 (includes PY-006)

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 10/16/2023 through 10/29/2023 (includes Carry Over Items from 10/15/2023): **69**

Total Number of ODCP Inspections at Laydown Yard PY-006: **7** (10/16/2023 through 10/22/2023); **6** (10/23/2023 through 10/28/2023): On 10/16/2023 and 10/17/2023 a small spill was observed near the refueling station during ODCP inspections. Based on communication with the Spread H LEI, the spill was only communicated to the contractor yard staff on 10/16/2023 and subsequently communicated to the Spread H Environmental staff on 10/17/2023. The Spread H Environmental staff immediately communicated with the contractor, the spill cleaned up, and materials properly disposed on 10/17/2023. On 10/20/2023 and 10/23/2023 through 10/25/2023, minor repair/maintenance items at secondary containment structures were observed during the ODCP inspections. Repairs were subsequently completed and documented within the respective ODCP inspection report. No impacts occurred to environmental resources.

Total Number of VA DEQ Observations from 10/16/2023 through 10/29/2023: **0**

Total Number of Landowner/Third Party Reported Complaints: **3** (1. A third party complaint observed on 10/19/2023 (Pollution Investigation Report_IR #311272). The complainant alleged there was a "break in the super silt fence directly above" S-Y8 and "two new large piles of dirt" behind the break. Per the Closure section of the IR on 10/23/2023, the VADEQ concluded no compliance issues were observed. 2. A third party complaint was observed on 10/25/2023 and received by the VADEQ on 10/27/2023 (Pollution Investigation Report_IR #311361). The complainant alleged there was "excessive dust and dirt flying off construction site" and "funneling down Route 460". The VADEQ conducted an inspection at this location on 10/27/2023 and determined there were no issues. However, the Environmental Auditor conducted an evaluation later that day and recommended dust suppression at the project access near Cove Hollow Road. Per the VADEQ website, formal Closure remains pending. 3. A third party complaint was observed on 10/26/2023 and received by the VADEQ on 10/27/2023 (Pollution Investigation Report_IR #311362). The complainant alleged there was "muddy water leaving their LOD into a field very close to the Roanoke River and "possibly close to the river". The VADEQ conducted an inspection at this location on 10/27/2023 and determined there were no issues. Per the VADEQ website, formal Closure remains pending). **Refer to Landowner/Third Party Reported Complaints below for further discussion.**

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 10/16/2023 through 10/29/2023.

CARRY OVER ITEMS FROM 10/15/2023

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	2021 1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 5/12, 5/19, 6/2, 6/9, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, and 12/16/2021 2022 1/17, 2/17, 3/17, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, 11/15, and 12/15/2022 2023 1/16, 2/16, 3/15, 4/14, 5/15, 6/15, 7/14, 8/15, 9/16, and 10/17/2023 to be completed on 11/17/2023			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.
10/14/2023		3					3			1 on 10/16/2023 2 on 10/17/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.

ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
10/16/2023	0.0"-0.2" - 3 Hours *Scattered rain showers occurred on 10/14/2023	13					13			1 on 10/16/2023 6 on 10/17/2023 6 on 10/18/2023	Thirteen items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
10/17/2023		3					3			2 on 10/18/2023 1 on 10/19/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/19/2023		10					10		1 on 10/20/2023	8 on 10/20/2023 1 on 10/22/2023	Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/20/2023		12					12		3 on 10/20/2023 3 on 10/21/2023	2 on 10/20/2023 4 on 10/21/2023	Twelve items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
10/22/2023		4					4		1 on 10/23/2023	2 on 10/23/2023 1 on 10/24/2023	Four items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
10/23/2023		2					2			1 on 10/23/2023 1 on 10/24/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/24/2023		1					1		1 on 10/25/2023		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
10/25/2023		3					3			3 on 10/25/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/26/2023		13					13			5 on 10/26/2023 6 on 10/27/2023 2 on 10/28/2023	Thirteen items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
10/27/2023		3					3			2 on 10/27/2023 1 on 10/28/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/28/2023		1					1			1 on 10/28/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS											
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE						TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
10/19/2023	MVP-RO-287						1			A third party complaint was filed with the VADEQ on 10/19/2023 (Pollution Investigation Report_IR #311272). The complainant alleged there was a "break in the super silt fence directly above" S-Y8 and "two new large piles of dirt" behind the break. The VADEQ conducted an inspection at this location on 10/20/2023 and determined there were no issues. The Environmental Auditor conducted a site evaluation on 10/23/2023 and observed the "break" is to allow treated runoff from the waterbar end sump to discharge from the project and the ESC measures installed and functional per the ESC Plan requirements and no impacts to the environmental resources. Per the Closure section of the IR on 10/23/2023, the VADEQ concluded no compliance issues were observed.	
10/25/2023	Cove Hollow Road						1			A third party complaint was observed on 10/25/2023 and received by the VADEQ on 10/27/2023 (Pollution Investigation Report_IR #311361). The complainant alleged there was "excessive dust and dirt flying off construction site" and "funneling down Route 460". The VADEQ conducted an inspection at this location on 10/27/2023 and determined there were no issues. The Environmental Auditor conducted a site evaluation later that day on 10/27/2023 and observed minor dust from construction traffic and immediately communicated dust suppression recommendations to the Spread H LEI. Per the VADEQ website, formal Closure remains pending.	
10/26/2023	Stones Keep Lane						1			A third party complaint was observed on 10/26/2023 and received by the VADEQ on 10/27/2023 (Pollution Investigation Report_IR #311362). The complainant alleged there was "muddy water leaving their LOD into a field very close to the Roanoke River and "possibly close to the river". The VADEQ conducted an inspection at this location on 10/27/2023 and determined there were no issues. The Environmental Auditor conducted a site evaluation later that day on 10/27/2023 at MVP-MN-279 (GAS) and observed the dewatering facilities properly installed/functional and clean discharge flowing through a well vegetated field. The Environmental Auditor also evaluated the Roanoke River (S-NN16) immediately downstream of the project and observed no impacts. Per the VADEQ website, formal Closure remains pending.	

ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS

DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS
10/16/2023	The Environmental Auditor conducted site evaluation at Cahas Mountain Road #1 (CIS/GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the onsite EI, Spread H LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to reconstructing a dewatering facility to meet the ESC Plan requirements and conducting temporary stabilization activities.
10/18/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-270 (CIS/GAS), MVP-MN-270.01 (CIS), MVP-FR-292.01 (CIS/GAS), and Wades Gap Road (GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the onsite EI, Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to properly installing soil stabilization blanket, access road dust suppression, and ESC measures repair/maintenance.
10/23/2023	The Environmental Auditor conducted site evaluations at the following locations: Cahas Mountain Road #1 (GAS), Webster Corner Road (GAS), Wades Gap Road (GAS), MVP-FR-292.01 (CIS/GAS), MVP-RO-288 (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 onsite EIs, Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to properly installing soil stabilization blanket/matting within stream crossings, access road dust suppression, and monitoring a dewatering facility and reconstructing it as necessary to maintain compliance.
10/27/2023	The Environmental Auditor conducted site evaluations at the following locations: Lafayette Road (GAS), MVP-AR-028 (CIS), MVP-ATWS-1566, and MVP-MN-279 (GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the onsite contractor, Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related access road dust suppression and Pollution Prevention measures repair/maintenance. The Environmental Auditor evaluated the dewatering facilities at MVP-RO-279 (GAS) in response to a third party complaint and observed the dewatering facilities properly installed, functional, and clear water discharging into the adjacent well vegetated field.
10/16/2023 through 10/29/2023	<p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread H Project.</p> <p>The Environmental Auditor communicated with the Spread H LEI regarding incomplete sections observed in four VSIR reports and recommended conducting QA/AC to ensure thoroughness in all reports.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 10/26/2023 regarding the Bi-Weekly reporting period ending on 10/29/2023. The Environmental Auditor provided recommendations related to proper soil stabilization blanket installation on slopes and stream crossings, constructing permanent waterbars/end treatments per the PCSWM Plan requirements, and ensuring communication occurs with the ODCP inspectors.</p>	<p>The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread H project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector and Environmental Coordinator, the Spread H Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.</p> <p>The Environmental Auditor recommends conducting QA/QC on each SWPPP VSIR to ensure consistency and thoroughness.</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: 11/12/2023
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 36 conducted from 10/30/2023 through 11/12/2023 (includes PY-006)
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 10/30/2023 through 11/12/2023 (includes Carry Over Items from 10/29/2023): 93
 Total Number of ODCP Inspections at Laydown Yard PY-006: 6 (10/30/2023 through 11/4/2023); 6 (11/6/2023 through 11/11/2023)
 Total Number of VA DEQ Observations from 10/30/2023 through 11/12/2023: 3
 Total Number of Landowner/Third Party Reported Complaints: 1 (A third party complaint was filed with the VADEQ on 11/8/2023 (Pollution Investigation Report_IR #311476). The complainant alleged MVP was "placing tools, machine parts, timber mats in protected area of streambanks and wetlands in bore site". The VADEQ conducted an inspection at this location on 11/9/2023 and determined there were no issues. 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 #311361 dated 11/1/2023 based on a third party complaint observed on 10/25/2023, the VADEQ concluded no compliance issues were observed. Per the Closure section of the VADEQ Pollution Investigation Report #311362 dated 11/1/2023 based on a third party complaint received on 10/26/2023, 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 (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 10/30/2023 through 11/12/2023.

CARRY OVER ITEMS FROM 10/29/2023

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	2021 1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 5/12, 5/19, 6/2, 6/9, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, and 12/16/2021 2022 1/17, 2/17, 3/17, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, 11/15, and 12/15/2022 2023 1/16, 2/16, 3/15, 4/14, 5/15, 6/15, 7/14, 8/15, 9/16, and 10/17/2023 to be completed on 11/17/2023			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
10/30/2023		6					6		1 on 10/31/2023	3 on 10/31/2023 1 on 11/1/2023 1 on 11/2/2023	Six items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
10/31/2023	0.0"-0.1" - 2.25 Hours *Isolated light showers occurred on 10/30/2023	7					7		2 on 10/31/2023 2 on 11/1/2023	2 on 11/1/2023 1 on 11/3/2023	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/1/2023		19					19		1 on 11/2/2023	10 on 11/1/2023 7 on 11/2/2023 1 on 11/3/2023	Nineteen items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
11/2/2023		3					3			3 on 11/4/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/6/2023		10					10		2 on 11/7/2023	1 on 11/7/2023 2 on 11/8/2023 5 on 11/9/2023	Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/7/2023		6					6			3 on 11/7/2023 2 on 11/8/2023 1 on 11/9/2023	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/8/2023		18					18		4 on 11/9/2023	12 on 11/9/2023 2 on 11/10/2023	Eighteen items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
11/9/2023		11					11		2 on 11/10/2023	2 on 11/9/2023 6 on 11/10/2023 1 on 11/11/2023	Eleven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/10/2023		12					12		2 on 11/10/2023	6 on 11/10/2023 4 on 11/11/2023	Twelve 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
10/31/2023	0.0"-0.1" - 2.25 Hours *Isolated light showers occurred on 10/30/2023	1					1			1 on 11/1/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
11/8/2023		2					2		1 on 11/9/2023	1 on 11/9/2023	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	
11/9/2023	MVP-RO-287						1			A third party complaint was filed with the VADEQ on 11/8/2023 (Pollution Investigation Report_IR #311476). The complainant alleged MVP was "placing tools, machine parts, timber mats in protected area of streambanks and wetlands in bore site". The VADEQ conducted an inspection at this location on 11/9/2023 and determined there were no issues. The Environmental Auditor conducted a site evaluation later that day on 11/9/2023 and observed the ESC measures installed and functional, materials/equipment stored in upland locations, and no impacts to S-Y7, S-Y8, and W-Y2 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				
10/30/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-281.02 (GAS), MVP-RO-282 (GAS), MVP-RO-283 (GAS), MVP-RO-283 (Access Road), 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 onsite EI, Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance.				
11/6/2023	The Environmental Auditor conducted site evaluations at Webster Corner Road (GAS) and Cahas Mountain Road (CIS/GAS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the onsite EI, Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding continued observations and recommendations related to proper soil stabilization blanket installation at stream crossings and proper dewatering facility installation. The Environmental Auditor observed turbid water off right of way due to the dewatering facility improperly installed.				
11/7/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-270.01 (CIS/GAS), MVP-MN-271 (CIS/GAS), Flatwoods Road (CIS/GAS), MVP-MN-272 (CIS/GAS), MVP-MN-273 (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 onsite EI, Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding continued observations and recommendations related to proper soil stabilization blanket installation at stream crossings, proper permanent waterbar end treatment installation, ESC measures repair/maintenance, and monitoring ESC measures and adjusting/enhancing them as necessary. The Environmental Auditor recommended Spread H LEI meet with the contractor Environmental Coordinator to review ongoing concerns related to improper ESC measures installation.				
11/9/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-FR-291 (CIS/GAS), US Highway 221 (CIS), MVP-RO-287 (CIS/GAS), MVP-RO-286 (GAS), and Bottom Creek Road (GAS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance. The Environmental Auditor also communicated with the onsite contractor staff regarding reminders related to ESC and Pollution Prevention measures. The Environmental Auditor conducted an evaluation at S-Y7, S-Y8, and W-Y2 (MVP-RO-287) based on a Landowner complaint filed with the VADEQ on 11/8/2023 and observed the ESC measures installed and functional and construction equipment materials properly stored within upland locations at the time of the evaluation.				
10/30/2023 through 11/12/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread H Project. The Environmental Auditor communicated with all Spread LEIs on 11/9/2023 regarding the Bi-Weekly reporting period ending on 11/12/2023. The Environmental Auditor provided recommendations related proper soil stabilization blanket installation on slopes and stream crossings, constructing permanent waterbars/end treatments per the ESC/SWM Plan requirements, and ensuring pollution prevention measures continue to be maintained.						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: 11/26/2023
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: **31** conducted from 11/13/2023 through 11/26/2023 (includes PY-006): Holiday on 11/23/2023
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 11/13/2023 through 11/26/2023 (includes Carry Over Items from 11/12/2023): **50**
 Total Number of ODCP Inspections at Laydown Yard PY-006: **6** (11/13/2023 through 11/19/2023); **6** (11/20/2023 through 11/22/2023 and 11/24/2023 through 11/26/2023): Holiday on 11/23/2023
 Total Number of VA DEQ Observations from 11/13/2023 through 11/26/2023: **4**
 Total Number of Landowner/Third Party Reported Complaints: **3** (1. A third party complaint was filed with the VADEQ on 11/21/2023 (Pollution Investigation Report_IR #311599). The complainant alleged there was "sediment runoff" from the project right of way at Bradshaw Creek. Per the Closure section of the IR on 11/22/2023, the VADEQ concluded no impacts to the stream were observed. **2.** A third party complaint observed on 11/24/2023 (Pollution Investigation Report_IR #311626). The complainant alleged "tear in super silt fence at new dewatering box", "water running downhill and accumulated at tear above sy7" and "water not contained". The VADEQ inspector conducted an inspection of this location on 11/24/2022 and did not observe any issues. Per the VADEQ website, formal Closure remains pending. **3.** A third party complaint was observed on 11/25/2023 (Pollution Investigation Report_IR #311627). The complainant alleged "Bottom Creek muddy from MVP bores trenching". The VADEQ inspector conducted an inspection of this location on 11/25/2023 and observed the dewatering facilities and ESC measures installed and functional an no project related impacts to Bottom Creek. Per the VADEQ website, formal Closure remains pending). **Refer to Landowner/Third Party Report Complaints below for further discussion.**
Per the Closure section of the VADEQ Pollution Investigation Report #311476 dated 11/13/2023 based on a third party complaint observed on 11/8/2023, 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 (damaged ESC measures from fallen debris): **0**
 Total Number of Off Right of Way Impacts: **0**
 Total Number of Environmental Resource Impacts: **1** (On 11/15/2023, the EI identified a small hydraulic oil spill (approximately 10 gallons) west of Dillons Mill Road at the temporary bridge crossing at S-D8 (North Fork Blackwater River) due to a damaged hydraulic line. During cleanup activities, oil from the contractor's work boots created a small sheen where active streamflow was not occurring at that time due to pump around activities. Based on conversations with the Spread H LEI and MVP Environmental staff, spill absorbent pads were utilized to maintain and clean up the sheen. The MVP Environmental staff immediately contacted the VADEQ (Pollution Incident Report_IR #311554). The oil was immediately cleaned up from the timber mats and mitigated from the water where the visible sheen was observed. Materials impacted by the spill (timber mats, ESC measures, and soil) were promptly removed from the site for proper disposal. Per the Closure section of the IR on 11/16/2023, the VADEQ concluded no further action required.
 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 11/13/2023 through 11/26/2023.

CARRY OVER ITEMS FROM 11/12/2023

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	2021 1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 5/12, 5/19, 6/2, 6/9, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, and 12/16/2021 2022 1/17, 2/17, 3/17, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, 11/15, and 12/15/2022 2023 1/16, 2/16, 3/15, 4/14, 5/15, 6/15, 7/14, 8/15, 9/16, 10/17, and 11/17/2023 to be completed on 12/17/2023			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
11/13/2023		5					5			4 on 11/14/2023 1 on 11/15/2023	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/14/2023		8					8			7 on 11/15/2023 1 on 11/16/2023	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/16/2023		8					8			2 on 11/17/2023 6 on 11/18/2023	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/17/2023		9					9			4 on 11/18/2023 5 on 11/20/2023	Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/20/2023		2					2			2 on 11/21/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/21/2023		3					3			2 on 11/22/2023 1 on 11/24/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/22/2023	1.5"-2.0" - 15 Hours *Rainfall with intervals of higher intensity occurred on 11/21/2023	9					9			2 on 11/22/2023 7 on 11/25/2023	Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/24/2023		4					4			1 on 11/24/2023 2 on 11/25/2023 1 on 11/26/2023	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/25/2023		1					1				One item was identified requiring ESC repair/maintenance and 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
11/14/2023		3					3		1 on 11/15/2023	2 on 11/15/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/22/2023	1.5"-2.0" - 15 Hours *Rainfall with intervals of higher intensity occurred on 11/21/2023	1					1			1 on 11/24/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS											
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE						TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
11/21/2023	Bradshaw Road						1			A third party complaint was filed with the VADEQ on 11/21/2023 (Pollution Investigation Report_IR #311599). The complainant alleged "sediment runoff" from the MVP right of way at Bradshaw Creek (S-C21). Based on a conversation with the Spread H LEI on 11/22/2023, the Environmental Auditor was informed that the VADEQ conducted an inspection at this location and determined there were no issues. Per the Closure section of the IR on 11/22/2023, the VADEQ concluded no impacts to the stream.	
11/24/2023	MVP-RO-287						1			A third party complaint was filed with the VADEQ on 11/24/2023 (Pollution Investigation Report_IR #311626). The complainant alleged "tear in super silt fence at new dewatering box", "water running downhill and accumulated at tear above sy7" and "water not contained". The VADEQ conducted an inspection at this location on 11/24/2023 and determined there were no issues. It should be noted that the dewatering facilities (pumped water filter bag/straw bale structure) are designed and installed to initially treat the pumped water then subsequently release the treated water into a stable location. Per the VADEQ website, formal Closure remains pending.	
11/25/2023	Bottom Creek Road						1			A third party complaint was filed with the VADEQ on 11/25/2023 (Pollution Investigation Report_IR #311627). The complainant alleged "Bottom Creek (S-ST9b) muddy from MVP bores trenching". A tie-in crew is in the process of open-cutting the wetlands on the coming in side of Bottom Creek Road and actively dewatering the open trench. The water is treated in a dewatering facility, released to perimeter sediment controls, then flows through approximately 100 - 125 feet of dense vegetation. It should be noted that downslope of the dense vegetation is an active, muddy cow pasture. The VADEQ investigated the project right of way and concluded that the dewatering facility and ESC measures were properly installed and functional. While investigating the complaint, the VADEQ observed active livestock downslope of the dewatering activities. Per the VADEQ website, formal Closure remains pending.	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS						CONCLUSION AND RECOMMENDATIONS				
11/14/2023	The Environmental Auditor conducted site evaluations at the following locations: Cahas Mountain Road #1 (CIS/GAS), Wades Gap Road (GAS), MVP-FR-292.01 (GAS), MVP-FR-292 (CIS/GAS), and MVP-FR-280 (CIS/GAS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the onsite EI, Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance and proper installation of SWM measures .				
11/16/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-279.02 (CIS), MVP-MN-279 (GAS), Lafayette Road (GAS), MVP-ATWS-1566, MVP-MN-278.01 (CIS/GAS), Bottom Creek Road (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 observations and recommendations related to ESC measures repair/maintenance and Pollution Prevention secondary containment measures installation and repair/maintenance .				
11/20/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-279.01 (GAS), MVP-RO-279.02, MVP-RO-281 (CIS/GAS), MVP-RO-281.02 (GAS), MVP-RO-282 (GAS), and MVP-FR-291 (GAS).						The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations related to ESC measures repair/maintenance, Pollution Prevention secondary containment measures installation, and addressing a small fuel spill within an upland area on the right of way.				
11/13/2023 through 11/26/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread H Project. The Environmental Auditor communicated with all Spread LEIs on 11/21/2023 regarding the Bi-Weekly reporting period ending on 11/26/2023. In preparation for an upcoming rainfall event, the Environmental Auditor requested the Spread LEIs communicate any instances of off right of way sediment impacts and landowner/third party reported complaints.						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: 12/10/2023
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 34 conducted from 11/27/2023 through 12/10/2023 (includes PY-006)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 11/27/2023 through 12/10/2023 (includes Carry Over Items from 11/26/2023): 31											
Total Number of ODCP Inspections at Laydown Yard PY-006: 6 (11/27/2023 through 12/2/2023); 6 (12/4/2023 through 12/9/2023)											
Total Number of VA DEQ Observations from 11/27/2023 through 12/10/2023: 5											
<p>Total Number of Landowner/Third Party Reported Complaints: 5 (1. A third party complaint was filed with the VADEQ on 11/29/2023 (Pollution Investigation Report_IR #311660). The complainant alleged "dewatering device for trench is overflowing into wetlands and creek". Per the Closure section of the IR on 12/4/2023, the VADEQ concluded no compliance issues were observed. 2. A third party complaint was filed with the VADEQ on 12/1/2023 (Pollution Investigation Report_IR #311680). The complainant alleged "soil/wetlands theft" at W-AB3. Per the Closure section of the IR on 12/4/2023, the VADEQ concluded no compliance issues were observed. 3. A third party complaint was observed on 12/2/2023 and filed with the VADEQ on 12/3/2023 (Pollution Investigation Report_IR #311693). The complainant alleged "water pumps polluting wetlands". Per the Closure section of the IR on 12/5/2023, the VADEQ concluded a 12/4/2023 routine maintenance item was completed and no compliance issues were observed. 4. A third party complaint was observed on 12/3/2023 and filed with the VADEQ on 12/4/2023 (Pollution Investigation Report_IR #311701). The complainant alleged "muddy water pooled on bridges, dripping down below into wetlands and creek was obvious", turbidity was measured using a "Secchi Tube" and that turbidity in the stream "seems clearly related to the condition of the nearby MVP worksite". Per the Closure section of the IR on 12/5/2023, the VADEQ concluded all ESC measures in place, maintained and functional, the stream flowing clear with no evidence of sediment impacts, and no compliance issues were observed. 5. A third party complaint was filed with the VADEQ on 12/8/2023 (Pollution Investigation Report_IR #311769). The complainant alleged "water pumps polluting wetlands". Based on communication from the Spread H LEI, the VADEQ inspector conducted an inspection at this location on 12/9/2023 and determined there were no issues. Per the VADEQ website, formal Closure remains pending). Refer to Landowner/Third Party Reported Complaints below for further discussion.</p> <p>Per the Closure section of the VADEQ Pollution Investigation Report #311626 dated 12/4/2023 based on a third party complaint observed on 11/24/2023, the VADEQ concluded no compliance issues were observed. Per the Closure section of the VADEQ Pollution Investigation Report #311627 dated 11/27/2023 based on a third party complaint observed on 11/25/2023, the VADEQ concluded no compliance issues were observed.</p>											
Total Number of Right of Way Impacts Caused by Third Parties: 0											
Total Number of Right of Way Impacts Caused by Weather Related Damage (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 11/27/2023 through 12/10/2023.											
CARRY OVER ITEMS FROM 11/26/2023											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	2021 1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 5/12, 5/19, 6/2, 6/9, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, and 12/16/2021 2022 1/17, 2/17, 3/17, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, 11/15, and 12/15/2022 2023 1/16, 2/16, 3/15, 4/14, 5/15, 6/15, 7/14, 8/15, 9/16, 10/17, and 11/17/2023 to be completed on 12/17/2023			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.
11/25/2023		1					1			1 on 11/27/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/28/2023		5					5			3 on 11/29/2023 2 on 11/30/2023	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/30/2023		6					6			6 on 12/1/2023	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/1/2023		2					2		1 on 12/1/2023	1 on 12/2/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/2/2023	0.0"-0.2" - 6.5 Hours *Scattered rain showers occurred on 12/1/2023	3					3			1 on 12/4/2023 2 on 12/5/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/4/2023		2					2			1 on 12/4/2023 1 on 12/5/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/5/2023		3					3			1 on 12/5/2023 2 on 12/6/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/6/2023		6					6			5 on 12/7/2023 1 on 12/8/2023	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/7/2023		1					1		1 on 12/7/2023		One item was identified requiring ESC repair/maintenance and completed within the required timeframe
12/8/2023		1					1			1 on 12/9/2023	One item was identified requiring 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
12/4/2023		3					3		1 on 12/4/2023 1 on 12/5/2023	1 on 12/4/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/5/2023		1					1		1 on 12/5/2023		One item was identified requiring Pollution Prevention repair/maintenance and completed within the required timeframe.
12/9/2023		1					1		1 on 12/9/2023		One item was identified requiring Pollution Prevention repair/maintenance and completed within the required timeframe.

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
11/29/2023	Bottom Creek Road	1	A third party complaint was filed with the VADEQ on 11/29/2023 (Pollution Investigation Report_IR #311660). The complainant alleged "dewatering device for trench is overflowing into wetlands and creek". The Environmental Auditor conducted a site evaluation at this location on 12/6/2023 and observed the dewatering facility and ESC measures installed and functional and no environmental resource impacts at the time of the evaluation. Per the Closure section of the IR on 12/4/2023, the VADEQ concluded no compliance issues were observed.
12/1/2023	Bottom Creek Road	1	A third party complaint was filed with the VADEQ on 12/1/2023 (Pollution Investigation Report_IR #311680). The complainant alleged "soil/wetlands theft" at W-AB3. Active construction for pipeline activities in this wetland were occurring and per the ESC Plan requirements, the topsoil was stripped and properly stored. Per the Closure section of the IR on 12/4/2023, the VADEQ concluded the wetland topsoil removal is in accordance with the approved construction plans and no compliance issues were observed.
12/2/2023	MVP-RO-283	1	A third party complaint was observed on 12/2/2023 and filed with the VADEQ on 12/3/2023 (Pollution Investigation Report_IR #311693). The complainant alleged "water pumps polluting wetlands". On 12/6/2023, the Environmental Auditor conducted an evaluation at all environmental resource crossings and related dewatering facilities at MVP-RO-283 and provided a recommendation to closely monitor all dewatering facilities for proper functionality. Based on a conversation with the Spread H LEI, the Environmental Auditor was informed that the VADEQ conducted an inspection at this location on 12/4/2023 and determined there were no issues but did provide a routine maintenance punchlist item for a dewatering structure. Per the Closure section of the IR on 12/5/2023, the VADEQ concluded the 12/4/2023 maintenance item was completed and no compliance issues were observed.
12/3/2023	Yellow Finch Road/MVP-MN-278.01	1	A third party complaint was observed on 12/3/2023 and filed with the VADEQ on 12/4/2023 (Pollution Investigation Report_IR #311701). The complainant alleged "muddy water pooled on bridges, dripping down below into wetlands and creek was obvious", turbidity was measured using a "Secchi Tube" and that turbidity in the stream "seems clearly related to the condition of the nearby MVP worksite". On 12/6/2023, the Environmental Auditor conducted a site evaluation at S-EF20a/W-EF5, S-EF54, S-EF20b, and S-KL32 and observed the ESC measures installed and functional on the right of way and along the access road. No project related impacts to environmental resources were observed at the time of the evaluation. Based on communication from the Spread H LEI, the VADEQ inspector conducted an inspection at this location on 12/4/2023 and determined there were no issues. Per the Closure section of the IR on 12/5/2023, the VADEQ concluded all ESC measures in place, maintained and functional, the stream flowing clear with no evidence of sediment impacts, and no compliance issues were observed.
12/8/2023	MVP-RO-283	1	A third party complaint was filed with the VADEQ on 12/8/2023 (Pollution Investigation Report_IR #311769). The complainant alleged "water pumps polluting wetlands". Based on communication from the Spread H LEI, the VADEQ inspector conducted an inspection at this location on 12/9/2023 and determined there were no issues. Per the VADEQ website, formal Closure remains pending.
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
11/28/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-FR-292.01 (GAS), US Highway 221 (CIS), MVP-RO-287 (GAS), and Bottom Creek Road (CIS/GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to cleaning debris/sediment from wetland mats where active construction is occurring.	
11/29/2023	The Environmental Auditor conducted a site evaluation at MVP-RO-279.02 (CIS).	Per a request from the Spread H LEI, the Environmental Auditor met onsite with the Spread H Assistant LEI and EI to evaluate at steep slope. The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, EI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to meeting with a Geotech to evaluate slope stability and develop a retaining structure design to prevent potential slope failure. The Environmental Auditor also provided a recommendations to ensure the designed structure has gaps to daylight waterbar end sumps and continue to communicate with the contractor to conduct frequent slope drain inlet maintenance throughout the remainder of the right of way.	
12/1/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-288 (GAS), MVP-RO-287 (CIS/GAS), and MVP-RO-286 (GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to installing secondary containment Pollution Prevention measures, a reminder to repair/maintain slope drain inlets prior to the end of the work day, and proper placement of saturated materials excavated from a bore pit to avoid environmental resource impacts.	
12/4/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-281.01 (GAS), MVP-MN-270 (GAS), MVP-MN-270.01 (CIS), MVP-MN-273 (GAS), and Bradshaw Road (GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention and SWM 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 temporary bridge crossing repair/maintenance, ESC measures repair/maintenance, proper soil stabilization blanket anchoring, permanent waterbar level spreader end treatment repair, and ensuring the permanent waterbar end treatment heights are being measured to meet the SWM Plan requirements.	
12/6/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-287 (CIS), MVP-MN-278.01, MVP-RO-283 (CIS), and Bottom Creek Road (CIS/GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Assistant LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance, maintaining and installing secondary containment Pollution Prevention measures, and closely monitoring dewatering facilities to ensure proper functionality. The Environmental Auditor also recommended monitoring the dewatering facilities at MVP-RO-283 for increased turbidity and potential off right of way erosion.	
12/8/2023	The Environmental Auditor conducted a site evaluation at Cahas Mountain Road #1 (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 observations and recommendations related to conducting repair/maintenance at a temporary bridge crossing.	
11/27/2023 through 12/10/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread H Project. The Environmental Auditor communicated with all Spread LEIs on 12/7/2023 regarding the Bi-Weekly reporting period ending on 12/10/2023 and the Q4 Reporting period ending on 12/31/2023.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread H project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector and Environmental Coordinator, the Spread H Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

Report Period Ending: 12/24/2023
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: **36** conducted from 12/11/2023 through 12/24/2023 (includes PY-006)

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 12/11/2023 through 12/24/2023 (includes Carry Over Items from 12/10/2023): **97**

Total Number of ODCP Inspections at Laydown Yard PY-006: **6** (12/11/2023 through 12/16/2023); **5** (12/18/2023 through 12/22/2023): On 12/20/2023, the ODCP inspector observed a minor amount of oil on the gravel where a contractor vehicle was parked. The spill was immediately cleaned up, materials properly disposed, and documented within the 12/21/2023 ODCP Inspection report.

Total Number of VA DEQ Observations from 12/11/2023 through 12/24/2023: **2**

Total Number of Landowner/Third Party Reported Complaints: **8** (1. A third party complaint was observed on 12/8/2023 and filed with the VADEQ on 12/12/2023 (Pollution Investigation Report_IR #311809). The complainant alleged "sedimentation in Bottom Creek. Dewatering structures overwhelmed". Per the Closure section of the IR on 12/14/2023, the VADEQ concluded no compliance issue observed. 2. A third party complaint was filed with the VADEQ on 12/10/2023 (Pollution Investigation Report_IR #311776). The complainant alleged "active pollution into sy7 from dewatering". Per the Closure section of the IR on 12/12/2023, the VADEQ concluded no compliance issue observed. 3. A third party complaint was filed with the VADEQ on 12/10/2023 (Pollution Investigation Report_IR #311778). The complainant alleged "the inadequacy of E&S controls during ongoing rain has again contaminated the creek (S-EF20a) on Yellow Finch Lane (MVP-MN-278.01)" and speculated that "the only thing between the upstream and downstream (sampling sites) is the MVP ROW". Per the Closure section of the IR on 12/12/2023, the VADEQ concluded no compliance issue observed. 4. A third party complaint was observed on 12/10/2023 and filed with the VADEQ on 12/11/2023 (Pollution Investigation Report_IR #311780). The complainant alleged "heavy sedimentation to UNT to Mill Creek". Per the Closure section of the IR on 12/12/2023, the VADEQ concluded no compliance issue observed. 5. A third party complaint was observed on 12/12/2023 and filed with the VADEQ on 12/13/2023 (Pollution Investigation Report_IR #311824). The complainant alleged "water pumps polluting wetlands". Per the Closure section of the IR on 12/15/2023, the VADEQ concluded no compliance issue observed. 6. A third party complaint was filed with the VADEQ on 12/13/2023 (Pollution Investigation Report_IR #311825). The complainant alleged that the dry streambed (S-Y7) is a result of the MVP bore pit pumping activities and impacting a spring box". Per the Closure section of the IR on 12/15/2023, the VADEQ concluded no compliance issue observed. 7. A third party complaint was filed with the VADEQ on 12/20/2023 (Pollution Investigation Report_IR #311929). The complainant alleged "mud running into creek". Per the Closure section of the IR on 12/22/2023, the VADEQ concluded no compliance issue observed. 8. A third party complaint was filed with the VADEQ on 12/21/2023 (Pollution Investigation Report_IR #311947). The complainant alleged "Water/mud leaving the LOD flowing in creek". Per the Closure section of the IR on 12/22/2023, the VADEQ concluded no compliance issue observed). **Refer to Landowner/Third Party Reported Complaints below for further discussion.**

Per the Closure section of the VADEQ Pollution Investigation Report #311769 dated 12/11/2023 based on a third party complaint observed on 12/8/2023, 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 (damaged ESC measures from fallen debris): **0**

Total Number of Off Right of Way Impacts: **1** (On 12/15/2023 an off right of way sediment impact traveling approximately less than 50 feet occurred within an upland area. The onsite EI observed heavy sediment laden water discharging from the dewatering facility during bore pit dewatering operations. The dewatering facilities were properly installed and functional; however, the fines from the bore pit were too fine for standard filtering methods. The dewatering operations were immediately shut down, the VADEQ immediately notified, and landowner access granted later that day. Due to lack of daylight on 12/15/2023, a small amount of off right of way sediment was removed and stabilization occurred the following day (12/16/2023) within the required timeframe. On 12/18/2023, advanced treatment via a filtration unit was mobilized to address the fine particulate material and dewatering facilities were reconstructed. No environmental resources were impacted). **Refer to Environmental Inspector Observations below for further discussion.**

Total Number of Environmental Resource Impacts: **2** (1. An environmental resource sediment impact at S-MM13 was observed on 12/10/2023 as a result of a two precipitation events that occurred on 12/9/2023 and 12/10/2023. These events, with intervals of high intensity/short duration rainfall, produced approximately 1.3 inches of rainfall in 10 hours (approximately 1.0" fell within 5 hours on 12/10/2023) causing soil from the saturated streambank to seep through the properly installed soil stabilization blanket. The VADEQ was immediately notified and the sediment removed from S-MM13 on 12/11/2023. 2. An environmental resource sediment impact at S-GH14 was observed on 12/11/2023 as a result of a two precipitation events that occurred on 12/9/2023 and 12/10/2023. These events, with intervals of high intensity/short duration rainfall, produced approximately 2.2 inches of rainfall in 10 hours (approximately 1.0" fell within 5 hours on 12/10/2023) caused an area of a recently restored streambank to slough, displacing the soil stabilization matting (SSM) resulting in sediment migrating into the streambed and traveling approximately 40 feet off right of way. The VADEQ was immediately notified, landowner approval granted, sediment retrieved, and the streambank restabilized within the required timeframe. A Courtesy Notice of Force Majeure Declaration for both environmental resource impacts was submitted to the VADEQ on 12/15/2023 and the formal Notice submitted on 12/20/2023 due to the magnitude of the events). **Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations below for further discussion.**

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

Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 12/11/2023 through 12/24/2023.

CARRY OVER ITEMS FROM 12/10/2023

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	<p>2021</p> <p>1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 5/12, 5/19, 6/2, 6/9, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, and 12/16/2021</p> <p>2022</p> <p>1/17, 2/17, 3/17, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, 11/15, and 12/15/2022</p> <p>2023</p> <p>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</p>			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
*12/10/2023	1.1"-1.5" - 9.5 Hours *Rainfall occurred on 12/9/2023 into early 12/10/2023	1	1				1 (ESC repairs for environmental resource impact)		1 on 12/11/2023		*One item was identified requiring ESC repair/maintenance and completed within the required timeframe. This item, which was an environmental resource impact at S-MM13 was observed on 12/10/2023 during a water quality monitoring inspection and reported in the daily MVP Punchlist on 12/11/2023. An environmental resource sediment impact was observed at S-MM13 due to precipitation events with intervals of high intensity/short duration rainfall on 12/9/2023 followed by another short term event with intervals of high intensity/short duration rainfall on 12/10/2023. A minor amount of sediment impacted the stream within the right of way below the streambank. The rainfall events caused an area of the recently restored streambank to become saturated just above the edge of the stream channel causing soil to permeate through the properly installed soil stabilization blanket (SSB) which subsequently migrated into the streambed. The VADEQ was immediately notified, sediment removed from the streambed, and the SSB enhanced within the required timeframe. An Agency Compliance Form (Problem Area Report #781) was submitted by the Spread H LEI on 12/11/2023. The Environmental Auditor evaluated this location on 12/11/2023 and observed the SSB enhanced and provided additional recommendations as this location has experienced long term saturated conditions. Refer to Environmental Auditor Field Observations and Recommendations for further discussion.
12/11/2023	0.4"-1.0" - 13 Hours *Rainfall ending in snow at higher elevations occurred throughout 12/10/2023	29	1				29 (includes ESC repairs for environmental resource impact)		5 on 12/12/2023	15 on 12/12/2023 8 on 12/13/2023 1 on 12/14/2023	Twenty-nine items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe. One of the identified items was an environmental resource impacts at S-GH14. An environmental resource sediment impact was observed at S-GH14 due to a prolonged precipitation event with intervals of high intensity/short duration rainfall on 12/9/2023 followed by another short term event with intervals of high intensity/short duration rainfall on 12/10/2023. The rainfall events caused an area of a recently restored streambank to slough, displacing the soil stabilization matting (SSM) resulting in sediment migrating into the streambed and traveling approximately 40 feet off right of way. The VADEQ was immediately notified, landowner approval granted, sediment retrieved, and the streambank restabilized within the required timeframe. An Agency Compliance Form (Problem Area Report #782) was submitted by the LEI on 12/11/2023. The Environmental Auditor evaluated this location on 12/18/2023 and observed the off right of way sediment retrieved and the streambank stabilized. Refer to Environmental Auditor Field Observations and Recommendations for further discussion.
12/12/2023		11					11	2 on 12/15/2023 to be completed on 12/18/2023 (saturated conditions)		3 on 12/13/2023 4 on 12/15/2023 4 on 12/16/2023	Eleven items were identified requiring ESC repair/maintenance and completed within the required timeframe. Four of the identified items received extension request approvals due to saturated conditions.
12/13/2023		14					14		1 on 12/14/2023	1 on 12/13/2023 4 on 12/14/2023 6 on 12/15/2023 2 on 12/16/2023	Fourteen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/14/2023		10					10		1 on 12/15/2023	4 on 12/15/2023 5 on 12/16/2023	Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/15/2023		6		1			6 (includes repair/maintenance for off right of way impact)		1 on 12/16/2023	5 on 12/16/2023	Six 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 traveling approximately less than 50 feet within an upland area. The onsite EI observed heavy sediment laden water discharging from the dewatering facility during bore pit dewatering operations. The dewatering facilities were properly installed and functional; however, the fines from the bore pit were too fine for standard filtering methods. The dewatering operations were immediately shut down, the VADEQ was immediately notified, and landowner access granted later that day. Due to lack of daylight, a small amount of off right of way sediment was removed and stabilization occurred the following day (12/16/2023) within the required timeframe. An Agency Compliance Form (PAR #786) was submitted by the Spread H LEI. No environmental resources were impacted. On 12/18/2023, advanced treatment via a filtration unit was mobilized to address the fine particulate material and dewatering facilities were reconstructed.
12/18/2023	0.4"-1.0" - 10 Hours *Rainfall occurred on 12/17/2023	11					11		1 on 12/19/2023	9 on 12/19/2023 1 on 12/21/2023	Eleven items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
12/19/2023		6					6		1 on 12/19/2023	5 on 12/19/2023	Six items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
12/20/2023		2					2			2 on 12/21/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/21/2023		5					5			5 on 12/22/2023	Five items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
12/22/2023		1					1			1 on 12/22/2023	One item was identified requiring 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
12/14/2023		1					1		1 on 12/15/2023		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
12/21/2023		1					1		1 on 12/22/2023		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
12/8/2023	MVP-RO-283	1	A third party complaint was observed on 12/8/2023 and filed with the VADEQ on 12/12/2023 (Pollution Investigation Report_IR #311809). The complainant alleged "sedimentation in Bottom Creek. Dewatering structures overwhelmed". The Environmental Auditor conducted a site evaluation at this location on 12/6/2023 and 12/11/2023 and observed the dewatering facility and ESC measures installed and functional and no sedimentation impacts to S-IJ88 were observed at the time of the evaluation. Per the Closure section of the IR on 12/14/2023, the VADEQ determined the dewatering facilities were functioning properly, not resulting in sedimentation, and concluded no compliance issues were observed.
12/10/2023	MVP-RO-287	1	A third party complaint was filed with the VADEQ on 12/10/2023 (Pollution Investigation Report_IR #311776). The complainant alleged "active pollution into sy7 from dewatering". Per the previous Environmental Auditor's Bi-Weekly reports and evaluations conducted on 12/12/2023 and 12/15/2023, the Environmental Auditor observed the dewatering facilities and ESC measures properly installed and functional and no impacts to S-Y7 or S-Y8 were observed at the time of the evaluation. Per the Closure section of the IR on 12/12/2023, the VADEQ concluded the required ESC measures and dewatering facilities maintained, functioning properly, and no compliance issues were observed.
12/10/2023	MVP-MN-278.01	1	A third party complaint was filed with the VADEQ on 12/10/2023 (Pollution Investigation Report_IR #311778). The complainant alleged "the inadequacy of E&S controls during ongoing rain has again contaminated the creek (S-EF20a) on Yellow Finch Lane (MVP-MN-278.01)" and speculated that "the only thing between the upstream and downstream (sampling sites) is the MVP ROW". On 12/11/2023, the Environmental Auditor conducted site evaluations at S-EF20a/W-EF5 (right of way crossing), S-EF54, S-EF20b, and S-KL32 and observed the ESC measures installed and functional on the right of way and along the access road. No project related impacts to environmental resources were observed at the time of the evaluation. Based on communication from the Spread H LEI, the VADEQ inspector conducted an inspection at this location on 12/11/2023 and determined there were no issues. Per the Closure section of the IR on 12/12/2023, the VADEQ concluded no sediment deposition was observed in S-EF20a/W-EF5 and no compliance issues were observed.
12/10/2023	Bottom Creek Road	1	A third party complaint was observed on 12/10/2023 and filed with the VADEQ on 12/11/2023 (Pollution Investigation Report_IR #311780). The complainant alleged "heavy sedimentation to UNT to Mill Creek". Based on communication from the Spread H LEI, the VADEQ inspectors conducted an inspection of the right of way near Bottom Creek Road on 12/11/2023 and did not observe any noncompliance issues. On 12/12/2023, the Environmental Auditor conducted an evaluation at a dewatering facility at Bottom Creek Road (CIS) and observed the facility to be properly installed and functional; however, turbid water was discharging from the facility. The Environmental Auditor conducted an evaluation at Bottom Creek Road (GAS) and noted high turbidity within S-ST9B. The Environmental Auditor immediately notified the MVP Environmental staff and the Spread H LEI and the dewatering activities were shut down. The Environmental Auditor conducted a follow up evaluation on 12/15/2023 and observed a dewatering facility with enhanced treatment installed at a new location. The water clarity of the discharge from the dewatering facility and the stream flow within S-ST9B appeared clear at the time of the evaluation. Per the Closure section of the IR on 12/12/2023, the VADEQ concluded all ESC measures in place, properly maintained, and no compliance issues were observed.
12/12/2023	MVP-RO-283	1	A third party complaint was observed on 12/12/2023 and filed with the VADEQ on 12/13/2023 (Pollution Investigation Report_IR #311824). The complainant alleged "water pumps polluting wetlands". Based on communication from the Spread H LEI, the VADEQ inspector conducted an inspection at this location on 12/12/2023 and determined there were no issues. On 12/12/2023, the Environmental Auditor conducted an evaluation of the dewatering facilities at MVP-RO-283 and observed the facilities properly installed and functional. A high volume flow with minimal turbidity was observed discharging from the facilities and recommendations to continue to closely monitor the dewatering facilities for turbidity and potential off right of way erosion. On 12/15/2023, the Environmental Auditor conducted a follow up evaluation of the dewatering facilities and observed the facilities properly installed and functional. However, the discharge exhibited high turbidity which was flowing into S-IJ88. The Environmental Auditor immediately contacted the Spread H LEI and MVP Environmental staff and was informed that the dewatering activities at this location have been shut down until enhanced treatment measures are installed. Per the Closure section of the IR on 12/15/2023, the VADEQ concluded all ESC measures in place, operating properly, no sedimentation observed off of the right way, and no compliance issues were observed.
12/13/2023	MVP-RO-287	1	A third party complaint was filed with the VADEQ on 12/13/2023 (Pollution Investigation Report_IR #311825). The complainant alleged that the dry streambed (S-Y7) is a result of the MVP bore pit pumping activities and impacting a spring box. It should be noted that based on numerous inspections conducted by the Spread H Environmental staff, VADEQ, and the Environmental Auditor, S-Y7 does not exhibit year round perennial flow and the spring box is located upslope of the bore crossing activities. Per the Closure section of the IR on 12/15/2023, the VADEQ concluded all ESC measures in place, functioning properly, and no compliance issues were observed.
12/20/2023	MVP-RO-283	1	A third party complaint was filed with the VADEQ on 12/20/2023 (Pollution Investigation Report_IR #311929). The complainant alleged "mud running into creek". On 12/21/2023, the Environmental Auditor communicated with the Spread H Assistant LEI and was informed that turbid water was discharging from a dewatering facility utilized from the bore pit for S-IJ83/S-IJ88. As a result of the turbid water a 6" filter was installed on that pump. Per the Closure section of the IR on 12/22/2023, the VADEQ concluded the ESC measures observed to be in place, functioning properly, and no compliance issues were observed.
12/21/2023	MVP-RO-283	1	A third party complaint was filed with the VADEQ on 12/21/2023 (Pollution Investigation Report_IR #311947). The complainant alleged "Water/mud leaving the LOD flowing in creek". On 12/22/2023, the Environmental Auditor communicated with the Spread H Assistant LEI and was informed that turbid water was discharging from a dewatering facility utilized for pumping water from well points. However, turbidity increased during drilling activities near the well points causing turbid water to discharge from the dewatering facility. When turbid water was observed at the dewatering facility, the pumps were shut down and filters were installed on the pump hoses. Per the Closure section of the IR on 12/22/2023, the VADEQ concluded the ESC measures observed to be in place and operating properly. The VADEQ also noted that the source of turbid water was from the dewatering structure and dewatering operations have been suspended. No noncompliance issues were observed.

ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS		
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS
12/11/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-270.01 (CIS), MVP-MN-271 (CIS/GAS), Bradshaw Road (GAS), and MVP-MN-278.01.	The Environmental Auditor observed locations where the ESC/PCSWM 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 temporary bridge maintenance as needed throughout the day. The Environmental Auditor evaluated the environmental resource impact at S-MM13 and observed the sediment cleaned up from the stream and repairs conducted to the soil stabilization blanket on the streambank. Based on long term seepage in this area, the Environmental Auditor recommended consulting with a Geotech and consider enhanced measures on the slope. The Environmental Auditor also conducted an evaluation of the right of way and access road at MVP-MN-278.01 and observed the ESC measures installed and functional and no impacts to environmental resources at the time of the evaluation.
12/12/2023	The Environmental Auditor conducted a site evaluations at the following locations: MVP-RO-283 (CIS/GAS), Bottom Creek Road (CIS/GAS), and MVP-RO-287 (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 ESC/Pollution Prevention measures repair/maintenance. The Environmental Auditor also observed a high volume flow with minimal turbidity discharging from the dewatering facilities at MVP-RO-283 and recommendations to continue to closely monitor the dewatering facilities for turbidity and potential off right of way erosion. The Environmental Auditor observed highly turbid water discharging from the dewatering facility at Bottom Creek Road (CIS) and high turbidity observed in S-ST9B at Bottom Creek Road (GAS). The Environmental Auditor met onsite with the Spread H Assistant LEI to review the areas of concern. The dewatering activities were shut down and based on a conversation with the Chief EI and Spread H LEI, advanced treatment will be implemented.
12/15/2023	The Environmental Auditor conducted a site evaluations at the following locations: MVP-RO-283 (CIS/GAS), Bottom Creek Road (CIS/GAS), MVP-RO-286 (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 observations and recommendations related to ESC measures repair/maintenance. The Environmental Auditor observed highly turbid water discharging from the dewatering facility at MVP-RO-283 (CIS) and flowing into S-U88. The dewatering activities were shut down and based on a conversation with the Spread H LEI, advanced treatment will be implemented. The Environmental Auditor conducted a follow up evaluation at Bottom Creek Road (CIS/GAS) and observed the dewatering facility relocated, a filter treatment unit implemented, and no turbid flow discharging from the facility or within S-ST9B.
12/18/2023	The Environmental Auditor conducted a site evaluations at the following locations: Cahas Mountain Road #1 (CIS/GAS), Webster Corner Road (CIS/GAS), Wades Gap Road (GAS)/MVP-MLV-AR-29, Flanders Road (CIS), MVP-FR-292.01 (GAS), and MVP-FR-292 (GAS).	The Environmental Auditor observed locations where the ESC/PCSWM 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 ESC measures repair/maintenance and conducting frequent temporary bridge maintenance as needed throughout the day. The Environmental Auditor evaluated the environmental resource impact area at S-GH14 observed by the Spread H EI on 12/11/2023 and observed the sediment retrieved from the streambed and the ESC measures installed and functional at the time of the evaluation.
12/11/2023 through 12/24/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread H Project. The Environmental Auditor communicated with the Spread H LEI regarding observations related to SWPPP VSIR reviews. The Environmental Auditor communicated with all Spread LEIs on 12/14/2023 regarding a potential upcoming heavy rainfall event and on 12/20/2023 regarding the Bi-Weekly reporting period ending on 12/24/2023 the Partial Bi-Weekly reporting period ending on 12/31/2023, and the Q4 Reporting period ending on 12/31/2023. The Environmental Auditor recommended restablizing locations on the right of way with soil stabilization blanket to minimize redundant maintenance and potential off right of way impacts at locations where mulch (straw or hydraulic) has become displaced and erosion occurred due to recent rainfall events.	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: 12/31/2023
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: **14** conducted from 12/26/2023 through 12/31/2023 (includes PY-006): Holiday on 12/25/2023
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 12/25/2023 through 12/31/2023 (includes Carry Over Items from 12/24/2023): **49**
 Total Number of ODCP Inspections at Laydown Yard PY-006: **5** (12/27/2023 through 12/31/2023): Holiday on 12/25/2023 and 12/26/2023
 Total Number of VA DEQ Observations from 12/11/2023 through 12/24/2023: **0**
 Total Number of Landowner/Third Party Reported Complaints: **1** (A third party complaint was filed with the VADEQ on 12/26/2023 (Pollution Investigation Report_IR #311968). The complainant alleged "Muddy sediment from the MVP ROW, specifically on the timber mat bridge is entering the creek (Bohon Creek) on Yellow Finch Lane". Per the Closure section of the IR on 12/27/2023, the VADEQ concluded no compliance issues were observed). **Refer to Landowner/Third Party Reported Complaints below for further discussion.**
 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: **2** (1. One off right of way sediment impact within an upland area was observed by the Spread H EI on 12/27/2023. An extended precipitation event from 12/26/2023 into 12/27/2023 produced approximately 1.7 inches of rainfall within 27 hours causing sediment control measures to become overwhelmed due to soil stockpile sloughing. The VADEQ was immediately notified and ESC measures repaired/maintained within the required timeframe. An indefinite extension request was approved by the VADEQ until landowner permission is granted to retrieve the sediment and conduct stabilization activities. No environmental resources were impacted. 2. One off right of way sediment impact within an upland area was observed by the Spread H EI on 12/27/2023. An extended precipitation event from 12/26/2023 into 12/27/2023 produced approximately 1.7 inches of rainfall within 27 hours causing ESC measures to become overwhelmed. The ESC measures were repaired, off right of way sediment retrieved, and the impacted area stabilized within the required timeframe. No environmental resources were impacted). **Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations below for further discussion.**
 Total Number of Environmental Resource Impacts: **0**
 Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: **0**

Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 12/25/2023 through 12/31/2023.

CARRY OVER ITEMS FROM 12/24/2023

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	2021 1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 5/12, 5/19, 6/2, 6/9, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, and 12/16/2021 2022 1/17, 2/17, 3/17, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, 11/15, and 12/15/2022 2023 1/16, 2/16, 3/15, 4/14, 5/15, 6/15, 7/14, 8/15, 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.

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
12/27/2023	0.9"-2.2" - 27 Hours *Rainfall occurred from early 12/26/2023 through early 12/27/2023	20		2			20 (includes off right of way impacts)	1 on 12/28/2023 Extended indefinitely until landowner permission has been granted	2 on 12/28/2023	7 on 12/28/2023 7 on 12/29/2023 3 on 12/30/2023	Twenty items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the following identified items were off right of way sediment impacts at separate locations within upland areas: One of the identified items was an off right of way sediment impact traveling approximately three feet within an upland area. A precipitation event with intervals of high intensity/short duration rainfall caused a soil stockpile to slough resulting in the perimeter sediment control measures to become overwhelmed. The VADEQ was notified and the impacted ESC measures were repaired/maintained within the required timeframe. An indefinite extension request was approved by the VADEQ until landowner access is granted to retrieve the sediment and conduct stabilization activities. No environmental resources were impacted. The Spread H LEI submitted an Agency Compliance Form (Problem Area Report #789) on 12/28/2023. The Environmental Auditor evaluated this location on 12/29/2023 and observed the perimeter sediment control measures repaired/maintained. The Environmental Auditor provided recommendations to install additional sediment control measures in this area to prevent potential future off right of way impacts and noted additional measures were installed via the daily MVP Punchlist. Refer to Environmental Auditor Field Observations and Recommendations for further discussion. The other identified item was an off right of way sediment impact traveling approximately three feet within an upland area. A precipitation event with intervals of high intensity/short duration rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, the impacted ESC measures were repaired/maintained, off right of way sediment removed, and stabilization occurred within the required timeframe. No environmental resources were impacted. The Spread H LEI submitted an Agency Compliance Form (Problem Area Report #790) on 12/28/2023. The Environmental Auditor evaluated this location on 12/29/2023 and provided a recommendation to conduct additional maintenance at the waterbar end sump. Refer to Environmental Auditor Field Observations and Recommendations for further discussion.
12/28/2023		17					17		1 on 12/29/2023	7 on 12/28/2023 7 on 12/29/2023 1 on 12/30/2023 1 on 12/31/2023	Seventeen items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
12/29/2023		11					11			1 on 12/29/2023 9 on 12/30/2023 1 on 12/31/2023	Eleven items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.

VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS											
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE						TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS			
12/26/2023	MVP-MN-278.01						1	A third party complaint was filed with the VADEQ on 12/26/2023 (Pollution Investigation Report_IR #311968). The complainant alleged "Muddy sediment from the MVP ROW, specifically on the timber mat bridge is entering the creek (Bohon Creek) on Yellow Finch Lane". Based on communication with the Spread H LEI and reviewing the SWPPP VSIR no compliance issues or impacts to environmental resources (S-EF20) were observed. Maintenance items observed by the Spread H EI during the SWPPP VSIR inspection were added to the daily MVP Punchlist and addressed within the required timeframes. It should be noted that approximately 1.4 inches of rainfall (with intervals of high intensity) fell between 12/26/2023 and 12/27/2023 at this location. Per the Closure section of the IR on 12/27/2023, the VADEQ observed S-EF20 to be flowing slightly discolored both upstream and downstream of the MVP right of way crossing and determined that stabilization and erosion and sediment control measures were in place, properly functioning, and no compliance issues were observed.			
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS						CONCLUSION AND RECOMMENDATIONS				
12/29/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-282 (CIS), MVP-RO-283 (CIS/GAS), MVP-RO-283 (Access Road), MVP-RO-287 (CIS/GAS), and US Highway 221 (CIS).						<p>The Environmental Auditor observed locations where the ESC/PCSWM 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 ESC measures repair/maintenance, access road and RCE maintenance, and proper pumped water filter bag installation.</p> <p>The Environmental Auditor conducted a follow up evaluation at MVP-RO-283 and observed advanced treatment systems and newly constructed dewatering facilities installed and functional and no off right of way impacts observed at the time of the evaluation. The minimal off right of way sediment deposition observed by the EI on 12/15/2023 was removed and the impacted area stabilized.</p> <p>The Environmental Auditor evaluated the two locations where off right of way sediment impacts were identified by the Spread H EI on 12/27/2023. The Environmental Auditor observed the sediment retrieved and the impacted area stabilized at one location where landowner approval was granted. The Environmental Auditor provided recommendations to conduct additional ESC measures repair/enhancements at both locations.</p>				
12/25/2023 through 12/31/2023	<p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread H Project.</p> <p>The Environmental Auditor communicated with the Spread H LEI regarding observations related to SWPPP VSIR reviews.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 12/30/2023 regarding the Partial Bi-Weekly reporting period ending on 12/31/2023 and the Q4 reporting period ending on 12/31/2023. The Environmental Auditor provided technical recommendations to monitor turbidity at dewatering facilities discharge locations, continue monitoring permanently restored areas, conduct ESC measures repairs and implement enhancements where erosion is occurring or could occur, and conduct maintenance at permanent waterbar end treatments as needed.</p>						<p>The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread H project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector and Environmental Coordinator, the Spread H Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.</p>				
REQUIRED FINDINGS AND CONCLUSIONS											
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).									
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes										
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes										
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes										



Mountain Valley Pipeline Project – Spread I

Environmental Auditor Quarterly Report for Q4 2023

January 15, 2024

Environmental Auditor Contact Information

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

I. Introduction

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

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

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

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

Forward construction occurred on Spread I from October 1, 2023 through December 31, 2023 (Q4 reporting period) where a travel lane and mat crossings have been established at W-EF6 and W-IJ21 (H-603 Line) east of Transco Road.

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 active construction activities 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 Q4 reporting period:

- Daily MVP Punch Lists (includes VADEQ findings);
- Environmental Auditor Bi-Weekly Reports;
- Frequent Communication with the MVP Environmental staff and the Spread ILEI 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;
- Landowner/Third Party complaints received by the VADEQ on 10/25/2023 and 12/19/2023; and
- Agency Compliance Form - Problem Area Report (PAR)

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 Q4 reporting period. **Please refer to the attached Environmental Auditor Bi-Weekly Reports for further detailed information.**

III. Quarterly Summary of Environmental Inspector Observations

Per Table I-1A, the EIs including the contractor Environmental staff observed a total of 438 daily punchlist items (includes Carry Over items) requiring repair/maintenance throughout the Q4 reporting period. The Environmental Auditor noted 12 items identified by the EIs as ESC measures damaged by third party impacts related to livestock traffic, wildlife traffic, unauthorized traffic, and landowner traffic. The ESC measures were subsequently repaired/maintained within the required timeframes.

During the Q4 reporting period the Spread I Environmental inspection staff observed 7 off right of way impacts within upland locations and two environmental resource impacts at S-F8 and S-G16.

On 10/16/2023, the EI observed an environmental resource impact at S-F8 west of State Highway 122 (Booker T. Washington Highway). During excavation activities at the bell hole, sediment laden water accumulated within the bell hole seeped underground through bedrock and released sediment into the S-F8 streambed. The VADEQ was notified, the contractor immediately set up a dam/pump around system, and began dewatering the bell hole to an upland dewatering facility. Based on Environmental Auditor site evaluations on 10/17/2023 and 10/20/2023, the Environmental Auditor observed no downstream impacts to S-F8. However, recommendations were communicated to the onsite Spread I Environmental inspection staff and contractor Environmental staff followed by subsequent communication with the Spread I LEI, Chief EI, and MVP Environmental staff. **Refer to Section VI. below for further discussion.**

On 10/17/2023, the EI identified an environmental resource impact at S-GH16 west of Ramsey Memorial Road as a result of blasting material (rock, sediment, and protective matting) impacting the S-GH16 streambank and bed within the right of way. The VADEQ was notified, rock/sediment and blasting mats were removed from the bed and banks, sediment controls were utilized to prevent sediment from migrating downstream, and the streambank stabilized. Per the Agency Compliance Form (PAR #759) submitted by the Spread I LEI on 10/17/2023, the materials were removed from S-GH16 and the streambanks stabilized. **Refer to Section VI. below for further discussion.**

On 11/22/2023, the EI identified an off right of way impact within an upland area west of State Highway 122 as a result of a prolonged precipitation event with intervals of high intensity/short duration rainfall that occurred on 11/21/2023. The rainfall event caused ESC measures to become overwhelmed subsequently depositing sediment approximately 20 feet off right of way. The VADEQ was immediately notified, landowner access granted, off right of way sediment removed, the ESC measures were repaired/maintained, and stabilization occurred within the required timeframe. No environmental resources were impacted. **Refer to Section VI. for further discussion.**

On 11/28/2023, the EI identified an off right of way impact within an upland area west of Anderson Mill Road #1 as a result of a prolonged precipitation event with intervals of high intensity/short duration rainfall that occurred on 11/21/2023. 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, the ESC measures were repaired/maintained, and stabilization occurred within the required timeframe. No environmental resources were impacted. **Refer to Section VI. for further discussion.**

On 12/11/2023, the EI identified an off right of way impact within an upland area west of Timber Ridge Road as a result of prolonged precipitation events with intervals of high intensity/short duration rainfall that occurred on 12/9/2023 and 12/10/2023. The rainfall events 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, the ESC measures were repaired/maintained, and stabilization occurred within the required timeframe. No environmental resources were impacted. **Refer to Section VI. for further discussion.**

On 12/12/2023, the EI identified an off right of way impact within an upland area west of Jacks Creek Road. The EI also identified vehicle ruts on the right of way and perimeter sediment controls damaged due to third party activity. As a result of prolonged precipitation events with intervals of high intensity/short duration rainfall on 12/9/2023 and 12/10/2023 as well as third party damage to the right of way/perimeter sediment controls, ESC measures were overwhelmed subsequently and deposited sediment approximately 10 feet off right of way. The VADEQ was immediately notified, landowner access granted, off right of way sediment removed, the ESC measures were repaired/maintained, and stabilization occurred within the required timeframe. No environmental resources were impacted. **Refer to Section VI. for further discussion.**

On 12/18/2023, the EI identified two off right of way impacts within upland areas east of Tobacco Road as a result of a precipitation event with intervals of high intensity/short duration rainfall that occurred on 12/17/2023. The rainfall events caused ESC measures to become overwhelmed subsequently depositing sediment approximately 8 feet and 15 feet off right of way, respectively. The VADEQ was immediately notified, landowner access granted, off right of way sediment removed, impacted ESC measures were repaired/maintained, and stabilization occurred within the required timeframe. No environmental resources were impacted. **Refer to Section VI. for further discussion.**

On 12/19/2023, the Environmental Auditor identified an off right of way impact within upland area east of Webster Road as a result of a precipitation event with intervals of high intensity/short duration rainfall that occurred on 12/17/2023. The rainfall event caused ESC measures to become overwhelmed subsequently depositing sediment approximately 5 feet off right of way, respectively. 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, impacted ESC measures were repaired/maintained, and stabilization occurred within the required timeframe. No environmental resources were impacted. **Refer to Section VI. for further discussion.**

During the Q4 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 Q4 reporting period:

Table I-1A

Spread I Environmental Inspector Observations: October 1, 2023 – December 31, 2023					
Monthly Observation	Total Number Observations	Environmental Resource Impact	Off Right of Way Impact	Right of Way Impacts Caused by Third Parties	Weather Related Damage
October 2023	97	2	0	4	0
November 2023	*107	0	2	1	0
December 2023	*234	0	5	7	0

* Includes Carry Over Items

The EIs conducted a total of 420 SWPPP inspections and provided respective VSIRs throughout the Q4 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.**

The ODCP inspectors conducted ODCP inspections at Laydown Yard 045/046 throughout the Q4 reporting period. Twenty-seven inspections were conducted in October, 28 inspections were conducted in November, and 24 inspections were conducted in December. On 10/14/2023, two small spills were observed at the primary refueling station during the ODCP inspection. The contractor was immediately

notified, material was cleaned up and placed in containment for offsite disposal the same day. No environmental resources were impacted.

An approximate total of 11 recordable precipitation events occurred during the Q4 reporting period. On 11/21/2023, a precipitation event with intervals of high intensity/short duration rainfall produced approximately 2.5 inches in 18 hours. This event caused ESC measures to become overwhelmed resulting in an off right of impact within an upland area. These impacts were identified by the Spread I Environmental inspection staff on 11/22/2023. **Refer to discussion above, Table I-1B, and Section VI. for further discussion.**

On 11/21/2023, a precipitation event with intervals of high intensity/short duration rainfall produced approximately 2.5 inches in 18 hours. This event caused ESC measures to become overwhelmed resulting in an off right of impact within an upland area. These impacts were identified by the Spread I Environmental inspection staff on 11/28/2023. **Refer to discussion above, Table I-1B, and Section VI. for further discussion.**

On 12/9/2023 and 12/10/2023 two precipitation events with intervals of high intensity/short duration rainfall produced approximately 1.75 inches in 18 hours. This event caused ESC measures to become overwhelmed resulting in an off right of impact within an upland area. These impacts were identified by the Spread I Environmental inspection staff on 12/11/2023. **Refer to discussion above, Table I-1B, and Section VI. for further discussion.**

On 12/9/2023 and 12/10/2023 two precipitation events with intervals of high intensity/short duration rainfall, coupled with third party landowner rutting and damage to ESC measures, produced approximately 2.5 inches in 18 hours. This event caused ESC measures to become overwhelmed resulting in an off right of impact within an upland area. These impacts were identified by the Spread I Environmental inspection staff on 12/12/2023. **Refer to discussion above, Table I-1B, and Section VI. for further discussion.**

On 12/17/2023, a precipitation event with intervals of high intensity/short duration rainfall produced approximately 2.0 inches in 12 hours. This event caused ESC measures at two separate locations to become overwhelmed resulting in off right of impacts within upland areas. These impacts were identified by the Spread I Environmental inspection staff on 12/18/2023. **Refer to discussion above, Table I-1B, and Section VI. for further discussion.**

On 12/17/2023, a precipitation event with intervals of high intensity/short duration rainfall produced approximately 2.0 inches in 12 hours. This event caused ESC measures to become overwhelmed resulting in an off right of impact within an upland area. This impact was identified by the Environmental Auditor on 12/18/2023. **Refer to discussion above, Table I-1B, and Section VI. for further discussion.**

Based on rainfall gauge data provided by the Spread I EIs, the following Table I-1B provides a summary of monthly recorded rainfall dates, amounts based on lowest to highest rates, and estimated duration for each event throughout the Q4 reporting period:

Table I-1B

Spread I Rainfall and Duration Rates: October 1, 2023 – December 31, 2023					
October		November		December	
Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
10/7/2023	0.1"-0.2" - 6 Hours *Light rainfall occurred on 10/6/2023	11/22/2023	2.0"-2.75" -18 Hours *Rainfall with intervals of high intensity precipitation occurred on 11/21/2023	12/4/2023	0.1"-0.75" - 6 Hours *Rainfall occurred late 12/2/2023 into early 12/3/2023
10/10/2023	0.0"-0.1" - 4 Hours *Showers occurred on 10/10/2023			12/10/2023	1.0"-1.5" - 6 Hours *Rainfall occurred on 12/9/2023

Spread I Rainfall and Duration Rates: October 1, 2023 – December 31, 2023					
October		November		December	
Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
10/14/2023	0.1"-0.2" - 6 Hours *Light rainfall occurred on 10/6/2023			12/11/2023	0.75"-1.4" - 12 Hours *Rainfall occurred on 12/10/2023
10/15/2023	0.1"-0.7" - 1 Hour *Rainfall with isolated locations of heavy precipitation occurred on 10/14/2023			12/18/2023	1.0"-2.0" - 12 Hours *Rainfall occurred on 12/17/2023
10/21/2023	0.1"-0.2" - 4 Hours *Scattered light showers occurred on 10/20/2023			12/27/2023	0.8"-2.0" - 18 Hours Rainfall occurred from 12/26/2023 into early 12/27/2023

IV. Quarterly Summary of VADEQ Observations

Per Table I-1C, the VADEQ Inspectors observed a total of 94 items requiring repair/maintenance throughout the Q4 reporting period. The Environmental Auditor noted no items identified by the VADEQ as ESC measures damaged due to third party impacts throughout the Q4 reporting period. During the Q4 reporting period, the VADEQ did not identify project related environmental resource impacts throughout the Spread I project area. The items provided on the daily MVP Punchlists throughout the Q4 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.**

During the Q4 reporting period, the VADEQ identified an off right of way impact within an upland area. On 10/4/2023, rock was displaced approximately 10 feet off right of way during a blasting activity. The contractor developed a plan for rock retrieval, damaged super silt fence (SSF) repaired, and an extension request was approved by the VADEQ on 10/6/2023 to remove the rock upon landowner permission. The off right of way rock was retrieved on 10/19/2023. No environmental resources were impacted. **Refer to Section VI. below for further discussion.**

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 Q4 reporting period:

Table I-1C

Spread I VADEQ Observations: October 1, 2023 – December 31, 2023					
Monthly Observation	Total Number Observations	Environmental Resource Impact	Off Right of Way Impact	Right of Way Impacts Caused by Third Parties	Weather Related Damage
October 2023	*43	0	1	0	0
November 2023	35	0	0	0	0
December 2023	20	0	0	0	0

* Includes Carry Over Items

V. Quarterly Summary of Landowner/Third Party Issues

The Environmental Auditor noted two formal landowner/third party complaints submitted to the VADEQ for the Spread I Project during the Q4 reporting period.

- A third party complaint was filed with the VADEQ on 10/25/2023 (Pollution Investigation Report_IR #311336). The complainant alleged "sediment into stream from pipeline construction and dewatering of trench". The VADEQ conducted an inspection at this location on 10/25/2023 and determined no impacts occurred to S-II2. The Environmental Auditor conducted a site

evaluation on 10/25/2023 and observed the dewatering facilities and dam/pump around system installed, functional, and being maintained. No impacts to S-II2 was observed at the time of the evaluation. On 10/27/2023, the Environmental Auditor conducted a follow up evaluation and observed the dewatering facilities and dam/pump around system installed and functional. No impacts to S-II2 was observed at the time of the evaluation. Per the Closure section of the IR on 10/27/2023, the VADEQ concluded no compliance issues were observed and a discussion was held between the VADEQ and MVP regarding feasible enhancements to the dewatering facilities to enhance sediment trapping efficiency.

- A third party complaint was observed on 12/18/2023 and filed with the VADEQ on 12/19/2023 (Pollution Investigation Report_IR #311907). The complainant alleged "water flowing from MVP ROW to Teels Creek". Based on previous site evaluations and SWPPP VSIRs, this location has been permanently restored. Per the Closure section of the IR on 12/22/2023, the VADEQ determined the area is stabilized with all required erosion and sediment control measures in place and no compliance issue observed.

VI. Quarterly Summary of Environmental Auditor Observations and Recommendations

Per Table I-1D, the Environmental Auditor conducted 90 site evaluations during the Q4 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, onsite Eis, Environmental Coordinator, contractor Environmental staff, and MVP Environmental staff. Repair/maintenance items and most recommendations were forwarded to the contractor Environmental staff by the Spread I Environmental inspection staff and subsequently addressed. 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 level 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.
- Install soil stabilization blanket (SSB) on slopes, drainage features, and stream crossings per VESCH 3.36. Consider enhancing SSB to soil stabilization matting (SSM) as necessary based on flow conditions, particularly at stream crossings and where dewatering activities entail a large volume of discharged water to minimize off right of way erosion.
- Ensure proper application rate is achieved for hydraulic seeding/mulching activities. Immediately stabilize areas where mulch has become displaced and erosion occurred. Consider installing SSB to minimize redundant maintenance and potential off right of way impacts.
- Implement frequent Dust Control measures on access roads and the right of way as necessary.
- Conduct frequent soil build up/removal maintenance at temporary bridge crossings throughout each day as necessary.
- Install additional/enhanced ESC measures as necessary throughout the right of way and access roads to minimize potential off right of way impacts and overall maintenance.
- Install additional ESC measures on travel lane slope approaches to temporary bridge crossings at environmental resources.

- Ensure secondary containment measures are properly installed and maintained.
- Install additional ESC measures on travel lane slope approaches to temporary bridge crossings at environmental resources.
- Properly install permanent waterbars and end treatments per the PCSWM Plan requirements and conduct repair/maintenance following runoff events where needed.

Administrative/Documentation Recommendations

- Conduct QA/QC to ensure consistency and thoroughness between the daily MVP Punchlists and SWPPP VSIRs.
- Communicate third party/landowner complaints, off right of way impacts, and environmental resource impacts to the Environmental Auditor. The Environmental Auditor continued to communicate the importance of reciprocal communication to ensure the Spread I project maintains compliance.

The Environmental Auditor also provided recommendations to monitor ESC measures (includes dewatering), Pollution Prevention measures, and SWM measures throughout the project and conduct repair/maintenance/enhancements and restabilization activities as necessary to meet the ESC Plan requirements.

On 10/5/2023, the Environmental Auditor evaluated the off right of way impact west of Iron Ridge Road where rock was displaced during blasting activities on 10/4/2023. The Environmental Auditor observed a large boulder within the off right of way wooded area and the impacted perimeter ESC measures appeared to be repaired/replaced and no environmental resource impacts were observed at the time of the evaluation.

On 10/17/2023, the Environmental Auditor evaluated S-F8 west of State Highway 122 where a sediment release occurred on 10/16/2023 due to bell hole seepage through bedrock. The Environmental Auditor observed the downstream water clarity to be clear at the time of the evaluation. However, slightly turbid water was observed within the stream near the temporary bridge crossing. The Environmental Auditor met with the onsite EI and contractor Environmental staff and recommended installing an additional pump within the bell hole to expedite withdrawal of the accumulated water. On 10/20/2023, the Environmental Auditor conducted a follow up evaluation and observed tie in activities occurring at S-F8, the dam/pump around system properly installed/maintained, and no downstream impacts to S-F8.

On 10/20/2023, the Environmental Auditor evaluated S-GH16 west of Ramsey Memorial Road where blasting activities caused materials to enter the stream and disturbed the streambank on 10/17/2023. The Environmental Auditor observed the streambank stabilized and material removed from the streambed.

On 11/30/2023, the Environmental Auditor evaluated the location west of State Highway 122 where an off right of way impact occurred due to a prolonged precipitation event with intervals of high intensity/short duration rainfall that occurred on 11/21/2023. The Environmental Auditor observed repair/maintenance conducted at the perimeter sediment controls, sediment retrieved, and the impacted area stabilized. The Environmental Auditor noted that this location is in a draw where a previous Clean Water Diversion (CWD) pipe system was installed and provided a recommendation to install SSB in locations where concentrated flow could occur.

On 11/30/2023, the Environmental Auditor evaluated the location west of Anderson Mill Road #1 where an off right of way impact occurred due to a prolonged precipitation event with intervals of high intensity/short duration rainfall that occurred on 11/21/2023. The Environmental Auditor observed repair/maintenance conducted at the perimeter sediment controls, sediment retrieved, and the impacted area stabilized. The Environmental Auditor provided recommendations to install additional ESC measures within the vicinity of this location due to a nearby environmental resource.

On 12/14/2023, the Environmental Auditor evaluated the location west of Timber Ridge Road where prolonged precipitation events with intervals of high intensity/short duration precipitation occurred on 12/9/2023 and 12/10/2023. The Environmental Auditor observed the ESC measures repaired and enhanced, sediment retrieved, and the impacted area stabilized.

On 12/14/2023, the Environmental Auditor evaluated the location west of Jacks Creek Road where prolonged precipitation events with intervals of high intensity/short duration rainfall coupled with landowner rutting and damaged ESC measures occurred on 12/9/2023 and 12/10/2023. The Environmental Auditor observed the ESC measures repaired and enhanced, sediment retrieved, and the impacted area stabilized. The Environmental Auditor provided a recommendation to monitor this location as minor rutting was observed at the time of the evaluation.

On 12/19/2023, the Environmental Auditor evaluated two locations east of Tobacco Road where a precipitation event with intervals of high intensity/short duration rainfall occurred on 12/17/2023. The Environmental Auditor observed the ESC measures repaired and enhanced, sediment retrieved, and the impacted area stabilized. The Environmental Auditor provided a recommendation at one location to install additional ESC measures along the inside edge of the perimeter sediment controls due to concentrated runoff causing erosion.

On 12/19/2023, the Environmental Auditor observed an off right of way sediment impact within an upland area east of Webster Road where a precipitation event with intervals of high intensity/short duration rainfall occurred on 12/17/2023. The Environmental Auditor immediately communicated with the Spread I LEI, Chief EI, and MVP Environmental staff and provided recommendations to conduct ESC measures repair/maintenance and enhancements. Based on subsequent communications and reviewing the SWPPP VSIR, the ESC measures appeared to be repaired/enhanced, sediment retrieved, and the impacted area stabilized. The Environmental Auditor was informed by the Spread I LEI that the VADEQ was notified.

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 H LEI, 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 Environmental Auditor continues to highly recommend reciprocal communication occurs especially pertaining to field observations and recommendations to maintain compliance.

The following Table I-1D provides a summary of the monthly total number of observations (site evaluations) conducted by the Environmental Auditor throughout the Q4 reporting period.

Table I-1D

Environmental Auditor Field Observations: October 1, 2023 – December 31, 2023	
Month	Total Observations
October 2023	37
November 2023	31
December 2023	22

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; 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 Q4 reporting period. The Environmental Auditor recommends the following: continued communication between the MVP Spread I Environmental inspection staff and the contractor Environmental staff to ensure all ESC measures are properly installed and functional and enhanced where necessary to maintain compliance with the approved ESC Plans and Annual Standards and Specifications, conducting QA/QC on all SWPPP VSIRs and daily MVP Punchlists, and maintaining reciprocal communication between the Environmental Auditor and Spread I Environmental inspection staff.

As the VADEQ is aware, there are several instances noted in the Q4 2019 through Q3 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 BI-WEEKLY REPORT - 10/1/2023 through 10/15/2023 (BEGINNING OF Q4 2023 REPORTING PERIOD)

ENVIRONMENTAL AUDITOR CONTACT INFORMATION

Joe Crea CPESC, CPSWQ

Tetra Tech

661 Andersen Drive, Suite 200, Pittsburgh PA 15220

Report Period Ending: 10/15/2023

Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 62 conducted from 10/1/2023 through 10/15/2023 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards)

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 10/1/2023 through 10/15/2023 (includes Carry Over Items from 9/30/2023): 67

Total Number of ODCP Inspections at Laydown Yard 045/046: 6 (10/2/2023 through 10/7/2023); 6 (10/9/2023 through 10/14/2023); On 10/5/2023 through 10/7/2023 and 10/9/2023-10/10/2023, the ODCP inspector observed DEF containers not in secondary containment. Based on the inspection reports and a conversation with the Spread I Environmental staff, the containers had little to no liquid and were awaiting to be removed from the laydown yard. The ODCP inspection report on 10/11/2023 noted all DEF containers within secondary containment. On 10/14/2023, two small spills were observed during an ODCP inspection at the primary refueling station and near a fuel truck, respectively. Based on communication with the Spread I Environmental inspection staff, the spill was reported and immediately cleaned up the same day.

Total Number of VA DEQ Observations from 10/1/2023 through 10/15/2023: 13

Total Number of Landowner/Third Party Reported Complaints: 0

Total Number of Right of Way Impacts Caused by Third Parties: 1 (livestock traffic)

Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris): 0

Total Number of Off Right of Way Impacts: 1 (On 10/14/2023, rock became displaced approximately 10 feet off right of way during a blasting activity. The VADEQ was onsite the day when the issue occurred. The contractor is developing a plan for rock retrieval, damaged super silt fence (SSF) repaired, and an extension request was approved to remove the rock upon landowner permission. No environmental resources were impacted). Refer to VADEQ Observations and Environmental Auditor Field Observations and Recommendations below for further discussion.

Total Number of Environmental Resource Impacts: 0

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

Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 10/1/2023 through 10/15/2023.

CARRY OVER ITEMS FROM 9/30/2023

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
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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
10/2/2023		8					8		2 on 10/2/2023	3 on 10/2/2023 3 on 10/3/2023	Eight items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
10/4/2023		6					6		1 on 10/4/2023 2 on 10/5/2023	2 on 10/4/2023 1 on 10/5/2023	Six items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
10/5/2023		14					14		1 on 10/5/2023	11 on 10/5/2023 2 on 10/6/2023	Fourteen items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
10/6/2023		4					4			4 on 10/6/2023	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/7/2023	0.1"-0.2" - 6 Hours *Light rainfall occurred on 10/6/2023	2					2		1 on 10/7/2023	1 on 10/7/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/9/2023		7					7			7 on 10/9/2023	Seven items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
10/10/2023	0.0"-0.1" - 4 Hours *Showers occurred on 10/10/2023	10				1	9		1 on 10/10/2023	9 on 10/10/2023	Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to livestock traffic.
10/11/2023		13					13		1 on 10/11/2023	12 on 10/11/2023	Thirteen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/12/2023		1					1		1 on 10/12/2023		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
10/13/2023		2					2			2 on 10/13/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.

VADEQ OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
10/2/2023		4					4			3 on 10/2/2023 1 on 10/3/2023	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/3/2023		2					2			2 on 10/3/2023	Two items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
10/4/2023		3		1			3	1 on 10/6/2023 to be completed upon landowner approval	2 on 10/4/2023		Three items were identified requiring ESC repair/maintenance and two were completed within the required timeframe. One of the identified items was rock displaced approximately 10 feet off right of way during a blasting activity. The VADEQ was onsite the day of the occurrence the issue occurred. The contractor is developing a plan for rock retrieval, damaged super silt fence (SSF) was repaired, and an extension request was approved by the VADEQ to remove the rock upon landowner permission.
10/5/2023		1					1		1 on 10/5/2023		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
10/7/2023	0.1"-0.2" - 6 Hours *Light rainfall occurred on 10/6/2023	1					1		1 on 10/7/2023		One item was identified requiring Pollution Prevention repair/maintenance and completed within the required timeframe.
10/13/2023		1					1		1 on 10/13/2023		One item was identified requiring Pollution Prevention repair/maintenance and completed within the required timeframe.
10/14/2023	0.5"-0.9" - 5 Hours	1					1		1 on 10/14/2023		One item was identified requiring Pollution Prevention repair/maintenance and completed within the required timeframe.

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
10/5/2023	The Environmental Auditor conducted site evaluations at Iron Ridge Road (GAS) and MVP-FR-303.01 (GAS).	<p>The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the onsite EI, Spread I LEI, Chief EI and MVP Environmental staff regarding observations and recommendations related to replacing a full pumped water filter bag prior to active dewatering occurring, installing slope drains where waterbar gradients exceed 5 percent above end sumps, and conducting temporary stabilization activities to meet the ESC Plan requirements.</p> <p>The Environmental Auditor evaluated the location west of Iron Ridge Road where rock was displaced off right of way during blasting activities on 10/4/2023. The Environmental Auditor observed a large boulder within a wooded area and the impacted perimeter ESC measures appeared to be repaired/replaced and no environmental resource impacts were observed at the time of the evaluation.</p>	
10/9/2023	The Environmental Auditor conducted site evaluations at the following locations: Museville Road (CIS), Armstrong Road (CIS), Snow Creek Road (CIS/GAS), Listening Hill Road (GAS), and MVP-FR-323 (CIS).	<p>The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the onsite EI, Spread I LEI, Chief EI and MVP Environmental staff regarding observations and recommendations related to Pollution Prevention measures maintenance due to a leak occurring within secondary containment, installing additional ESC measures, and monitoring the pumped water filter bag during dewatering activities.</p>	
10/1/2023 through 10/15/2023	<p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread I Project.</p> <p>The Environmental Auditor reviewed SWPPP VSIRs and communicated a consistency observation between the daily MVP Punchlist and a SWPPP VSIR to the Spread I Lead EI and Environmental Coordinator.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 10/14/2023 regarding the Bi-Weekly reporting period ending on 10/15/2023. The Environmental Auditor provided technical recommendations related to properly installing soil stabilization blanket based on flow direction and ensuring proper hydraulic seeding/mulch application rates and coverage.</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: 10/29/2023
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 68 conducted from 10/16/2023 through 10/29/2023 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards)

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 10/16/2023 through 10/29/2023 (includes Carry Over Items from 10/15/2023): 29

Total Number of ODCP Inspections at Laydown Yard 045/046: 7 (10/16/2023 through 10/22/2023); 6 (10/23/2023 through 10/28/2023): On 10/20/2023 and 10/21/2023, minor repair/maintenance items at secondary containment structures were observed during the ODCP inspections. These items were repaired and documented within the respective ODCP inspection report. No leaks or spills were observed and no impacts occurred to environmental resources.

Total Number of VA DEQ Observations from 10/16/2023 through 10/29/2023 (includes Carry Over Items from 10/15/2023): 30

Total Number of Landowner/Third Party Reported Complaints: 1 (A third party complaint was filed with the VADEQ on 10/25/2023 (Pollution Investigation Report_IR #311336). The complainant alleged "sediment into stream from pipeline construction and dewatering of trench". Per the Closure section of the IR on 10/27/2023, the VADEQ concluded no compliance issues were observed and a discussion was held between the VADEQ and MVP regarding feasible enhancements to the dewatering facilities to enhance sediment trapping efficiency). Refer to Landowner/Third Party Reported Complaints and Environmental Auditor Field Observations and Recommendations below for further discussion.

Total Number of Right of Way Impacts Caused by Third Parties: 3 (livestock traffic and wildlife traffic)

Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris): 0

Total Number of Off Right of Way Impacts: 0

Total Number of Environmental Resource Impacts: 2 (1. On 10/16/2023, the Environmental Auditor was contacted by the MVP Environmental staff regarding a sediment release at S-F8 (State Highway 122-CIS). During excavation activities at the bell hole, sediment laden water accumulated within the bell hole seeped underground through bedrock and released sediment into the S-F8 streambed. The VADEQ was notified, the contractor immediately set up a dam/pump around system, and began dewatering the bell hole to an upland dewatering facility. On 10/17/2023, the Environmental Auditor conducted a site evaluation and observed the downstream water clarity to be clear and slight turbidity within the stream at the temporary bridge crossing. The Environmental Auditor met with the onsite EI and contractor and recommended installing an additional pump within the bell hole to expedite withdrawal of the accumulated water. On 10/20/2023, the Environmental Auditor conducted a follow up evaluation and observed tie in activities occurring at S-F8, the dam/pump around system properly installed/maintained, and no downstream impacts to S-F8. It should be noted that no punchlist item(s) was provided for this impact. 2. On 10/17/2023, the Environmental Auditor was contacted by the MVP Environmental staff regarding an impact to S-GH16 (Ramsey Memorial Road-CIS) during blasting activities. Blasting material (rock, sediment, and protective matting) impacted the S-GH16 streambank and bed within the right of way. The VADEQ was notified, rock/sediment and blasting mats were removed from the bed and banks, sediment controls were utilized to prevent sediment from migrating downstream, and the streambank stabilized. The Environmental Auditor conducted a site evaluation on 10/23/2023 and observed the streambank stabilized and blasting materials removed from the streambed. On 10/17/2023, an Agency Compliance Form (Problem Area Report #759) was completed by the Spread 1 LEI. It should be noted that no punchlist item(s) was provided for this impact). Refer to Environmental Auditor Field Observations and Recommendations below for further discussion.

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

Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 10/16/2023 through 10/29/2023.

CARRY OVER ITEMS FROM 10/15/2023

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
10/4/2023		1 (VADEQ)		1			1	1 on 10/6/2023 to be completed upon landowner permission		1 on 10/19/2023	One item requiring off right of way retrieval of rock displaced approximately 10 feet off right of way during a blasting activity was completed per landowner permission. This item received an extension request approval by 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
10/16/2023		5					5		1 on 10/16/2023	4 on 10/16/2023	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/17/2023		11				1	10		1 on 10/17/2023	5 on 10/17/2023 5 on 10/18/2023	Eleven 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.
10/18/2023		5				1	4		1 on 10/18/2023	4 on 10/18/2023	Five 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.
10/19/2023		4					4			4 on 10/19/2023	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/23/2023		2					2			1 on 10/23/2023 1 on 10/24/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/26/2023		1				1				1 on 10/27/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe. This item was caused by third party impacts related to wildlife traffic.
10/27/2023		1					1			1 on 10/27/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.

VADEQ OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
10/16/2023		3					3		1 on 10/16/2023	2 on 10/16/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/17/2023		5					5		1 on 10/17/2023	4 on 10/17/2023	Five items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
10/18/2023		1					1			1 on 10/18/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
10/19/2023		4					4			4 on 10/19/2023	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/20/2023		12					12		12 on 10/20/2023		Twelve items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/25/2023		1					1		1 on 10/25/2023		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
10/27/2023		3					3			3 on 10/28/2023	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
10/25/2023	Iron Ridge Road (GAS)	1	A third party complaint was filed with the VADEQ on 10/25/2023 (Pollution Investigation Report_IR #311336). The complainant alleged "sediment into stream from pipeline construction and dewatering of trench". The VADEQ conducted an inspection at this location on 10/25/2023 and determined no impacts occurred to S-II2. The Environmental Auditor conducted a site evaluation on 10/25/2023 and observed the dewatering facilities and dam/pump around system installed, functional, and being maintained. No impacts to S-II2 was observed at the time of the evaluation. On 10/27/2023, the Environmental Auditor conducted a follow up evaluation and observed the dewatering facilities and dam/pump around system installed and functional. No impacts to S-II2 was observed at the time of the evaluation. Per the Closure section of the IR on 10/27/2023, the VADEQ concluded no compliance issues were observed and a discussion was held between the VADEQ and MVP regarding feasible enhancements to the dewatering facilities to enhance sediment trapping efficiency.
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS		CONCLUSION AND RECOMMENDATIONS
10/16/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-FR-309.05 (CIS/GAS), Bonbrook Mill Road #1 (GAS), US-220 (CIS), Iron Ridge Road (CIS), MVP-FR-302 (GAS), and Leaning Oak 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 onsite EI, Spread I LEI, Chief EI and MVP Environmental staff regarding observations and recommendations related to incorporating agronomic materials into the soil per the Annual Standards and Specifications, proper hydraulic mulch application, installing permanent waterbar end treatments per the PCSWM Plan requirements, ESC measures repair/maintenance, and installing soil stabilization blanket as necessary.
10/17/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-FR-315 (CIS/GAS), MVP-FR-311 (CIS/GAS), State Highway 122 (CIS/GAS), and Jones Mill Lane (CIS).		The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the onsite EIs, Spread I LEI, Chief EI and MVP Environmental staff regarding observations and recommendations related to proper soil stabilization blanket installation at stream crossings per the ESC Plan requirements, and installing additional ESC measures on travel lane slope approaches to environmental resources. The Environmental Auditor conducted a site evaluation at S-F8 where a sediment release occurred on 10/16/2023 due to bell hole seepage through bedrock. The Environmental Auditor recommended adding an additional pump to enhance dewatering at the bell hole and properly installing the upslope dewatering facility per the ESC Plan requirements.
10/20/2023	The Environmental Auditor conducted site evaluations at the following locations: Ramsey Memorial Road (CIS/GAS), Bar Ridge Road (CIS/GAS), Indian Cave Road (GAS), and State Highway 122 (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 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 onsite EIs, Spread I LEI, Chief EI and MVP Environmental staff regarding observations and recommendations related to installing ESC measures per the ESC plan requirements, conducting temporary stabilization as needed to meet the ESC Plan requirements, monitoring and enhancing ESC measures as necessary. The Environmental Auditor observed the S-G16 streambank (Ramsey Memorial Road-CIS) stabilized and rock removed from the streambed due to the blasting impacts on 10/17/2023 at the time of the evaluation.
10/24/2023	The Environmental Auditor conducted site evaluations at the following locations: Transco Interconnect, Chalk Level Road (GAS), H-603 (GAS), Chalk Level Road (CIS), MVP-PI-340 (CIS/GAS), Riddle Road (GAS), and Anderson Mill Road #2 (CIS).		The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the onsite EIs, Spread I LEI, Chief EI and MVP Environmental staff regarding observations and recommendations related to installing Pollution Prevention measures for pipe blasting/coating activities, proper soil stabilization blanket installation at stream crossings per the ESC Plan requirements, raking soil clods at a recent open cut stream crossing, and installing additional ESC measures on travel lane slope approaches to environmental resources.
10/25/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-FR-305 (CIS), MVP-FR-300 (GAS/CIS), and Brick Church Road (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 communicated with the onsite EI, Spread I LEI, Chief EI and MVP Environmental staff regarding observations and recommendations related to installing liner within the flow paths where water is discharging from dewatering facilities, proper soil stabilization blanket installation at stream crossings, and installing permanent waterbar end treatments per the PCSWM Plan requirements. The Environmental Auditor conducted an evaluation at MVP-FR-305 (CIS) where the open cut crossing was occurring at S-II2. The Environmental Auditor observed the dam/pump around system and dewatering facilities properly installed and being maintained. The Environmental Auditor communicated with the onsite contractor Environmental foreman, Spread I LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations to install enhancements within the flow path of a dewatering facility to prevent potential erosive conditions from occurring. No impacts were observed to S-II2 as viewed from the edge of the right of way.
10/27/2023	The Environmental Auditor conducted a site evaluation at MVP-FR-305 (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.
10/16/2023 through 10/29/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRS, and ODCP reports to be compliant during this reporting period for the Spread I Project. The Environmental Auditor communicated SWPPP VSIR observations regarding incomplete sections to the Spread I Lead EI, Environmental Coordinator, Chief EI, and MVP Environmental staff. The Environmental Auditor communicated with all Spread LEIs on 10/26/2023 regarding the Bi-Weekly reporting period ending on 10/29/2023. The Environmental Auditor provided recommendations related to proper soil stabilization blanket installation on slopes and stream crossings, constructing permanent waterbars/end treatments per the PCSWM Plan requirements, and ensuring communication occurs with the ODCP inspectors.		The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring and installing enhanced ESC measures as needed. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity. The Environmental Auditor communicated with the Spread I LEI, Environmental Coordinator, and Chief EI and continues to recommend conducting QA/QC on SWPPP VSIRS.
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
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: 11/12/2023
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 62 conducted from 10/30/2023 through 11/12/2023 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards)
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 10/30/2023 through 11/12/2023 (includes Carry Over Items from 10/29/2023): 16
Total Number of ODCP Inspections at Laydown Yard 045/046: 7 (10/30/2023 through 11/5/2023); 6 (11/6/2023 through 11/11/2023): On 11/6/2023, 11/7/2023, and 11/8/2023 minor repair/maintenance items at secondary containment structures were observed during the ODCP inspections. Repairs were subsequently completed and documented within the respective ODCP inspection reports. No impacts occurred to environmental resources.
Total Number of VA DEQ Observations from 10/16/2023 through 10/29/2023: 20
Total Number of Landowner/Third Party Reported Complaints: 0
Total Number of Right of Way Impacts Caused by Third Parties: 1 (livestock traffic)
Total Number of Right of Way Impacts Caused by Weather Related Damage (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 10/1/2023 through 10/15/2023.

CARRY OVER ITEMS FROM 10/29/2023

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
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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
10/31/2023		1					1			1 on 10/31/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
11/2/2023		1					1			1 on 11/2/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
11/3/2023		2					2			2 on 11/3/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/6/2023		2					2			2 on 11/6/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/7/2023		3					3			3 on 11/7/2023	Three items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
11/9/2023		2					2		2 on 11/9/2023		Two items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
11/10/2023		5				1	4			5 on 11/10/2023	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.

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
11/3/2023		1					1		1 on 11/3/2023		One item was identified requiring Pollution Prevention repair/maintenance and completed within the required timeframe.
11/4/2023		1					1			1 on 11/4/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
11/5/2023		3					3			3 on 11/6/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/6/2023		10					10		4 on 11/6/2023	6 on 11/6/2023	Ten items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
11/7/2023		1					1			1 on 11/7/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
11/8/2023		1					1			1 on 11/8/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
11/9/2023		2					2		2 on 11/9/2023		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/10/2023		1					1		1 on 11/10/2023		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS

DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
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ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS

DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS
10/31/2023	The Environmental Auditor conducted site evaluations at the following locations: Lark Drive (CIS), MVP-PI-322 (CIS/GAS), Snowberry Road (GAS), Toshes Road (CIS), and Climax 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 onsite EIs, Spread I LEI, Chief EI and MVP Environmental staff regarding observations and recommendations related to installation of secondary containment pollution prevention measures.
11/1/2023	The Environmental Auditor conducted site evaluations at the following locations: Jacks Creek Road (CIS/GAS), Tobacco Road (CIS/GAS), Timber Ridge Road (GAS), and MVP-FR-313 (GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread I LEI, Chief EI and MVP Environmental staff regarding observations and recommendations related to installing additional ESC measures at travel lane approaches on slopes to environmental resources, CWD temporary level spreader repair/maintenance, and straw mulch coverage note meeting the ESC Plan requirements for temporary stabilization.
11/6/2023	The Environmental Auditor conducted site evaluations at the following locations: Leaning Oak Road (GAS), Grassy Hill Road (GAS), MVP-FR-302 (GAS), MVP-FR-303.01 (CIS/GAS), and Foggy Ridge Road (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 communicated with the onsite EI, Spread I LEI, Chief EI and MVP Environmental staff regarding observations and recommendations related to proper permanent waterbar end treatment installation, Pollution Prevention secondary containment maintenance, and ensuring lime and fertilizer are incorporated into the soil per the Annual Standards and Specifications and ESC Plan requirements.
11/8/2023	The Environmental Auditor conducted site evaluations at the following locations: Rock Creek Road (CIS/GAS), MVP-PI-326 (GAS), Museville Road (GAS), Armstrong Road (CIS/GAS), and MVP-FR-322 (GAS).	The Environmental Auditor observed locations where the ESC/Pollution Prevention measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread I LEI, Chief EI and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance, conduct temporary stabilization per the required timeframe, and install soil stabilization blanket on slopes where noted within the ESC Plans.
10/30/2023 through 11/12/2023	<p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread I Project.</p> <p>The Environmental Auditor communicated with the Spread I Lead EI and Environmental Coordinator regarding observations related to incomplete sections within the 10/30/2023 SWPPP VSIR.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 11/9/2023 regarding the Bi-Weekly reporting period ending on 11/12/2023. The Environmental Auditor provided recommendations related proper soil stabilization blanket installation on slopes and stream crossings, constructing permanent waterbars/end treatments per the ESC/SWM Plan requirements, and ensuring pollution prevention measures continue to be maintained.</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	

Report Period Ending: 11/26/2023
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 57 conducted from 11/13/2023 through 11/26/2023 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards): Holiday on 11/23/2023
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 11/13/2023 through 11/26/2023 (includes Carry Over Items from 11/12/2023): 61
 Total Number of ODCP Inspections at Laydown Yard 045/046: 7 (11/13/2023 through 11/19/2023); 6 (11/20/2023 through 11/22/2023 and 11/24 through 11/26/2023): Holiday on 11/23/2023
 Total Number of VA DEQ Observations from 11/13/2023 through 11/26/2023: 5
 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: 1 (One off right of way sediment impact within in an upland area was observed by the Spread 1 EI on 11/22/2023. A precipitation event with intervals of high intensity rainfall occurred on 11/21/2023 and produced approximately 2.5 inches of rainfall in 18 hours causing ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, off right of way sediment removed, the ESC measures were repaired/maintained, and stabilization occurred within the required timeframe. No environmental resources were impacted). Refer to Environmental Inspector Observations below for further discussion.
 Total Number of Environmental Resource Impacts: 0
 Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0
 Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 11/13/2023 through 11/26/2023.

CARRY OVER ITEMS FROM 11/12/2023

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
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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
11/14/2023		4					4			2 on 11/14/2023 2 on 11/15/2023	Four items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
11/15/2023		1					1			1 on 11/15/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
11/16/2023		1					1			1 on 11/16/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
11/17/2023		7					7		2 on 11/17/2023	5 on 11/17/2023	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/20/2023		10					10			5 on 11/20/2023 5 on 11/21/2023	Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/22/2023	2.0"-2.75" -18 Hours *Rainfall with intervals of high intensity precipitation occurred on 11/21/2023	21		1			21		7 on 11/22/2023 (includes off right of way impact)	11 on 11/22/2023 3 on 11/24/2023	Twenty-one 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 20 feet within an upland area. A prolonged rainfall event with intervals of high intensity precipitation caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, off right of way sediment removed, the ESC measures were repaired/maintained, and stabilization occurred within the required timeframe. No environmental resources were impacted. The Environmental Auditor will evaluate this location the week of 11/27/2023.
11/24/2023		16					16		1 on 11/24/2023	13 on 11/24/2023 2 on 11/25/2023	Sixteen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/25/2023		1					1				One item was identified requiring ESC repair/maintenance and 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
11/14/2023		1					1			1 on 11/14/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
11/15/2023		1					1			1 on 11/15/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
11/16/2023		1					1		1 on 11/16/2023		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
11/22/2023	2.0"-2.75" -18 Hours *Rainfall with intervals of high intensity precipitation occurred on 11/21/2023	1					1		1 on 11/22/2023		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
11/24/2023		1					1		1 on 11/24/2023		One item was identified requiring Pollution Prevention 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	
11/13/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-MLV-AR-32 (GAS), State Highway 122 (CIS/GAS), Angle Plantation Road (CIS/GAS), Jones Mill Lane (GAS), and Bonbrook Mill Road #2 (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 onsite EI, contractor Environmental foreman, Spread I LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to proper permanent waterbar end treatment installation, properly installing soil stabilization blanket at stream crossings, areas where final grading was non-uniform, inadequate hydraulic much coverage, and lime and fertilizer not being incorporated into the soil per the Annual Standards and Specifications and ESC Plan requirements.	
11/21/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-FR-300 (CIS/GAS), MVP-FR-302 (GAS), MVP-FR-303.01 (CIS/GAS), Iron Ridge Road (CIS/GAS), and US-220 (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 communicated with the Spread I LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to proper permanent waterbar end treatment installation, inadequate hydraulic much coverage, and a location where a subsoil pile should be removed as part of permanent restoration.	
11/13/2023 through 11/26/2023	<p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread I Project.</p> <p>The Environmental Auditor communicated with the Spread I Environmental Coordinator regarding SWPPP VSIR observations related to incomplete documentation.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 11/21/2023 regarding the Bi-Weekly reporting period ending on 11/26/2023. In preparation for an upcoming rainfall event, the Environmental Auditor requested the Spread LEIs communicate any instances of off right of way sediment impacts and landowner/third party reported complaints.</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: 12/10/2023
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 69 conducted from 11/27/2023 through 12/10/2023 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards)
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 11/27/2023 through 12/10/2023 (includes Carry Over Items from 11/26/2023): 105
 Total Number of ODCP Inspections at Laydown Yard 045/046: 6 (11/27/2023 through 12/2/2023); 6 (12/4/2023 through 12/9/2023)
 Total Number of VA DEQ Observations from 11/27/2023 through 12/10/2023: 13
 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: 1 (One off right of way sediment impact within an upland area was observed by the Spread I EI on 11/28/2023. A previous precipitation event with intervals of high intensity rainfall occurred on 11/21/2023 and produced approximately 2.5 inches of rainfall in 18 hours causing ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, off right of way sediment removed, the ESC measures were repaired/maintained, and stabilization occurred within the required timeframe. No environmental resources were impacted). Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations below for further discussion.
 Total Number of Environmental Resource Impacts: 0
 Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0
 Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 11/27/2023 through 12/10/2023.

CARRY OVER ITEMS FROM 11/26/2023

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
11/25/2023		1					1			1 on 11/28/2023	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.

ENVIRONMENTAL INSPECTOR OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/27/2023		11					11			6 on 11/27/2023 5 on 11/28/2023	Eleven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/28/2023		8		1			8		2 on 11/28/2023 (Includes off right of way impact)	5 on 11/28/2023 1 on 12/1/2023	Eight 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 previous prolonged rainfall event with intervals of high intensity precipitation on 11/21/2023 caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, off right of way sediment removed, the ESC measures were repaired/maintained, and stabilization occurred within the required timeframe. No environmental resources were impacted. The Environmental Auditor conducted an evaluation at this location on 11/30/2023 and observed the minimal amount of off right of way sediment retrieved and the ESC measures enhanced at the time of the evaluation.
11/29/2023		6					6			3 on 11/29/2023 3 on 11/30/2023	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/30/2023		5					5			5 on 11/30/2023	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/1/2023		8					8		2 on 12/1/2023	1 on 12/1/2023 5 on 12/2/2023	Eight items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
12/4/2023	0.1"-0.75" - 6 Hours *Rainfall occurred late 12/2/2023 into early 12/3/2023	4					4			4 on 12/4/2023	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/5/2023		4				1	3			1 on 12/5/2023 1 on 12/6/2023 2 on 12/7/2023	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to unauthorized traffic.
12/6/2023		16					16		2 on 12/6/2023 3 on 12/7/2023	7 on 12/6/2023 4 on 12/7/2023	Sixteen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/7/2023		20					20			5 on 12/7/2023 13 on 12/8/2023 2 on 12/9/2023	Twenty items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
12/8/2023		17					17		1 on 12/9/2023	6 on 12/8/2023 10 on 12/9/2023	Seventeen items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
12/9/2023		5					5			3 on 12/9/2023	Five items were identified requiring ESC/Pollution Prevention repair/maintenance and three of the items were completed within the required timeframe. The two remaining items have 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
11/27/2023		3					3			2 on 11/27/2023 1 on 11/28/2023	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/28/2023		7					7		6 on 11/28/2023	1 on 11/28/2023	Seven items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
12/4/2023		2					2		1 on 12/4/2023	1 on 12/4/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/6/2023		1					1		1 on 12/6/2023		One item was identified requiring ESC installation 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	
11/27/2023	The Environmental Auditor conducted site evaluations at MVP-LY-045/046 and Simmons Creek 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 I LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to erosion occurring where final restoration occurred.	
11/30/2023	The Environmental Auditor conducted site evaluations at the following locations: H-602, Chalk Level Road (GAS), H-603, Anderson Mill Road #1 (CIS), and State Highway 122 (CIS).	<p>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.</p> <p>The Environmental Auditor conducted a site evaluation at Anderson Mill Road #1 where an off right of way sediment impact was observed on 11/28/2023 from a precipitation event that occurred on 11/21/2023. The Environmental Auditor observed the sediment retrieved and the ESC measures enhanced at this location. 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, waterbars not constructed per the ESC Plan requirements, installing soil stabilization blanket (SSB) in permanently restored locations where straw/hydraulic mulch are not applicable due to concentrated flow conditions, and installing additional ESC measures above environmental resources.</p> <p>The Environmental Auditor conducted a site evaluation at State Highway 122 (CIS) where an off right of way sediment impact was observed on 11/22/2023 from a precipitation event that occurred on 11/21/2023. The Environmental Auditor observed the sediment retrieved and the ESC measures enhanced at this location. The Environmental Auditor communicated with the Spread I LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to installing SSB in permanently restored locations where straw/hydraulic mulch are not applicable due to concentrated flow conditions.</p>	
12/5/2023	The Environmental Auditor conducted site evaluations at the following locations: Rock Creek Road (CIS/GAS), MVP-FR-321 (CIS/GAS), and MVP-FR-320 (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 inadequate hydraulic mulch coverage within permanently restored areas, repairing erosion and conducting stabilization, and ESC measures repair/maintenance.	
12/8/2023	The Environmental Auditor conducted site evaluations at the following locations: House Rock Road (CIS/GAS), Bethlehem Road (CIS), Brick Church Road (CIS/GAS), Iron Ridge Road (CIS), and US-220 (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 communicated with the Spread I LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance and proper permanent waterbar/level spreader end treatments installation.	
11/27/2023 through 12/10/2023	<p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread I Project.</p> <p>The Environmental Auditor communicated with the Spread I Environmental Coordinator regarding SWPPP VSIR observations related to incomplete documentation.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 12/7/2023 regarding the Bi-Weekly reporting period ending on 12/10/2023 and the Q4 Reporting period ending on 12/31/2023.</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		

Report Period Ending: 12/24/2023
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 72 conducted from 12/11/2023 through 12/24/2023 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 12/11/2023 through 12/24/2023 (includes Carry Over Items from 12/10/2023): 141											
Total Number of ODCP Inspections at Laydown Yard 045/046: 6 (12/11/2023 through 12/16/2023); 5 (12/18/2023 through 12/22/2023)											
Total Number of VA DEQ Observations from 12/11/2023 through 12/24/2023: 15											
Total Number of Landowner/Third Party Reported Complaints: 1 (A third party complaint was observed on 12/18/2023 and filed with the VADEQ on 12/19/2023 (Pollution Investigation Report_IR #311907). The complainant alleged "water flowing from MVP ROW to Teels Creek". Per the Closure section of the IR on 12/22/2023, the VADEQ concluded no compliance issue observed). Refer to Landowner/Third Party Reported Complaints below for further discussion.											
Total Number of Right of Way Impacts Caused by Third Parties: 3 (landowner traffic and livestock traffic)											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris): 0											
Total Number of Off Right of Way Impacts: 5 (1. One off right of way sediment impact within an upland area was observed by the Spread I EI on 12/11/2023. Precipitation events with intervals of high intensity/short duration rainfall occurred on 12/9/2023 and 12/10/2023 and produced approximately 1.75 inches of rainfall in 18 hours causing ESC measures to become overwhelmed. The VADEQ was notified, landowner access granted, off right of way sediment removed, the ESC measures were repaired/maintained, and stabilization occurred within the required timeframe. No environmental resources were impacted. 2. One off right of way sediment impact within an upland area was observed by the Spread I EI on 12/12/2023. Unauthorized traffic on the right of way created ruts and damaged perimeter sediment controls. This third party impact coupled with the precipitation events on 12/9/2023 and 12/10/2023 produced approximately 2.5 inches of rainfall in 18 hours causing ESC measures to become overwhelmed. The VADEQ was notified, landowner access granted, off right of way sediment removed, the ESC measures were repaired/maintained, and stabilization occurred within the required timeframe. No environmental resources were impacted. 3. Two off right of way sediment impacts within separate upland areas were observed by the Spread I EI on 12/18/2023. A precipitation event with intervals of high intensity/short duration rainfall occurred on 12/17/2023 and produced approximately 2.0 inches of rainfall in 12 hours causing ESC measures to become overwhelmed. The VADEQ was 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. 4. One right of way sediment impact within an upland area was observed by the Environmental Auditor on 12/19/2023. A precipitation event with intervals of high intensity/short duration rainfall occurred on 12/17/2023 and produced approximately 2.0 inches of rainfall in 12 hours causing ESC measures to become overwhelmed. The Environmental Auditor immediately notified the Spread I LEI, Chief EI, and MVP Environmental staff and provided recommendations to conduct ESC measures repair/maintenance and enhancements. Based on the 12/21/2023 SWPPP VSIR, the ESC measures were repaired/maintained and enhanced, off right of way sediment removed and the impacted area stabilized. No environmental resources were impacted). Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations below for further discussion.											
Total Number of Environmental Resource Impacts: 0											
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0											
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 12/11/2023 through 12/24/2023.											
CARRY OVER ITEMS FROM 12/10/2023											
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
12/9/2023		2					2			2 on 12/11/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
12/11/2023	1.8"-2.6" - 18 Hours *Rainfall occurred on 12/9/2023 and 12/10/2023	18		1			18 (includes ESC measures related to off right of way impact)		2 on 12/11/2023	13 on 12/11/2023 3 on 12/12/2023	Eighteen 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. Prolonged precipitation events with intervals of high intensity rainfall on 12/9/2023 and 12/10/2023 caused ESC measures to become overwhelmed. The VADEQ was notified, landowner access granted, off right of way sediment removed, the ESC measures were repaired/maintained, and stabilization occurred within the required timeframe. No environmental resources were impacted. The Environmental Auditor conducted an evaluation at this location on 12/14/2023 and observed the off right of way sediment retrieved, the impacted area stabilized, and the perimeter/upslope ESC measures enhanced at the time of the evaluation. Refer to Environmental Auditor Field Observations and Recommendations for further discussion.
12/12/2023		23		1		2	21 (includes ESC measures related to off right of way impact)		1 on 12/12/2023 3 on 12/13/2023	3 on 12/12/2023 15 on 12/13/2023 1 on 12/15/2023	Twenty-three items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the items were caused by third party impacts related to landowner traffic and unauthorized traffic. One of the identified items was an off right of way sediment impact approximately 10 feet within an upland area. Prolonged precipitation events with intervals of high intensity rainfall on 12/9/2023 and 12/10/2023 and landowner traffic causing ruts and damaging perimeter ESC measures caused this off right of way impact. The VADEQ was notified, landowner access granted, off right of way sediment removed, the ESC measures were repaired/maintained, and stabilization occurred within the required timeframe. The Environmental Auditor conducted an evaluation at this location on 12/14/2023 and observed the off right of way sediment retrieved, the impacted area stabilized, and the ESC measures repaired at the time of the evaluation. Refer to Environmental Auditor Field Observations and Recommendations for further discussion.
12/13/2023		13					13		1 on 12/14/2023	6 on 12/13/2023 6 on 12/14/2023	Thirteen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/14/2023		10					10			9 on 12/14/2023 1 on 12/10/2023	Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/15/2023		13				1	12		1 on 12/16/2023	7 on 12/15/2023 5 on 12/16/2023	Thirteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to livestock traffic.
12/18/2023	1.0"-2.0" - 12 Hours *Rainfall occurred on 12/17/2023	45		2			45 (includes ESC measures related to off right of way impact)		3 on 12/18/2023 4 on 12/19/2023	30 on 12/18/2023 8 on 12/19/2023	Forty-five items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the following identified items were off right of way sediment impacts at separate locations within upland areas: One of the identified items was an off right of way sediment impact traveling approximately 8 feet within an upland area. A precipitation event with intervals of high intensity/short duration rainfall caused ESC measures to become overwhelmed. The VADEQ was notified, landowner access granted, off right of way sediment removed, the ESC measures were repaired/maintained, and stabilization occurred within the required timeframe. No environmental resources were impacted. The Environmental Auditor evaluated this location on 12/19/2023 and observed the ESC measures repaired/maintained, off right of way sediment retrieved, and the impacted area stabilized at the time of the evaluation. Refer to Environmental Auditor Field Observations and Recommendations for further discussion. The other identified item which was observed by the Environmental Auditor, was an off right of way sediment impact traveling approximately 15 feet within an upland area. A precipitation event with intervals of high intensity/short duration rainfall caused ESC measures to become overwhelmed. The VADEQ was notified, landowner access granted, off right of way sediment removed, the ESC measures were repaired/maintained, and stabilization occurred within the required timeframe. No environmental resources were impacted. The Environmental Auditor evaluated this location on 12/19/2023 and observed the ESC measures repaired/maintained, off right of way sediment retrieved, and the impacted area stabilized at the time of the evaluation. Refer to Environmental Auditor Field Observations and Recommendations for further discussion.
12/19/2023		5					5			5 on 12/19/2023	Five items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
12/20/2023		12					12		1 on 12/20/2023	11 on 12/20/2023	Twelve items were identified requiring ESC repair/maintenance and completed within the required timeframe.

VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
12/12/2023		2					2			2 on 12/13/2023	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/19/2023		8					8			8 on 12/19/2023	Eight items were identified requiring ESC/Pollution Prevention repair/maintenance and completed within the required timeframe.
12/20/2023		5					5		4 on 12/20/2023 1 on 12/21/2023		Five 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			
12/18/2023	Green Level Road			1				A third party complaint was observed on 12/18/2023 and filed with the VADEQ on 12/19/2023 (Pollution Investigation Report_IR #311907). The complainant alleged "water flowing from MVP ROW to Teels Creek". Based on previous site evaluations and SWPPP VSIRs, this location has been permanently restored. Per the Closure section of the IR on 12/22/2023, the VADEQ determined the area is stabilized with all required erosion and sediment control measures in place and no compliance issue observed.			
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS						CONCLUSION AND RECOMMENDATIONS				
12/14/2023	The Environmental Auditor conducted site evaluations at the following locations: Listening Hill Road (CIS), MVP-FR-323 (CIS/GAS), Jacks Creek Road (CIS/GAS), MVP-FR-321 (CIS/GAS), MVP-FR-320 (CIS), State Highway 40 (GAS), and Timber Ridge Road (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 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 final restoration occurred, and properly applying hydraulic mulch to attain the required coverage. The Environmental Auditor evaluated locations where two off right of way impacts were observed on 12/11/2023 and 12/12/2023 and observed the ESC measures repaired/enhanced, sediment retrieved, and the impacted areas stabilized.				
12/19/2023	The Environmental Auditor conducted site evaluations at the following locations: Tobacco Road (CIS/GAS), Timber Ridge Road (CIS/GAS), and Webster 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, erosion occurring where final restoration occurred, properly applying hydraulic mulch to attain the required coverage, and installing soil stabilization blanket in areas where rills were observed. The Environmental Auditor also communicated an off right of way impact observed within an upland area at Webster Road (GAS) and provided recommendations to conduct ESC measures repair/maintenance and enhancements. The Environmental Auditor evaluated locations where two off right of way impacts occurred on 12/18/2023 and observed the ESC measures repaired/maintained, sediment retrieved, and the impacted areas stabilized.				
12/11/2023 through 12/24/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread I Project. The Environmental Auditor communicated with the Spread I Environmental Coordinator regarding observations related to SWPPP VSIR reviews. The Environmental Auditor communicated with all Spread LEIs on 12/14/2023 regarding a potential upcoming heavy rainfall event and on 12/20/2023 regarding the Bi-Weekly reporting period ending on 12/24/2023 the Partial Bi-Weekly reporting period ending on 12/31/2023, and the Q4 Reporting period ending on 12/31/2023. The Environmental Auditor recommended restabilizing locations on the right of way with soil stabilization blanket to minimize redundant maintenance and potential off right of way impacts at locations where mulch (straw or hydraulic) has become displaced and erosion occurred due to recent rainfall events.						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. On 12/14/2023 and 12/19/2023, the Environmental Auditor communicated observations to the Spread I Environmental inspection staff during site evaluations regarding ESC measures repair/maintenance and noted these observations were subsequently identified by the VADEQ on the 12/20/2023 daily MVP Punchlist. The Environmental Auditor communicated with the MVP Environmental staff regarding the need to improve communication.				
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: 12/31/2023
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 30 conducted from 12/26/2023 through 12/31/2023 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards): Holiday on 12/25/2023											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 12/25/2023 through 12/31/2023 (includes Carry Over Items from 12/24/2023): 19											
Total Number of ODCP Inspections at Laydown Yard 045/046: 5 (12/27/2023 through 12/31/2023): Holiday on 12/25/2023 and 12/26/2023											
Total Number of VA DEQ Observations from 12/25/2023 through 12/31/2023: 2											
Total Number of Landowner/Third Party Reported Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 3 (livestock traffic and wildlife traffic)											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris): 0											
Total Number of Off Right of Way Impacts: 0											
Total Number of Environmental Resource Impacts: 0											
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0											
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 12/25/2023 through 12/31/2023.											
CARRY OVER ITEMS FROM 12/24/2023											
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
12/26/2023		4				2	2			4 on 12/27/2023	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to livestock traffic.
12/28/2023		8				1	7		1 on 12/28/2023	2 on 12/28/2023 5 on 12/29/2023	Eight 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.
12/29/2023		7					7		2 on 12/29/2023	5 on 12/29/2023	Seven 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
12/27/2023	0.8"-2.0" - 18 Hours Rainfall occurred from 12/26/2023 into early 12/27/2023	2					2			2 on 12/27/2023	Two items were identified requiring Pollution Prevention repair/maintenance and completed within the required timeframe.
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS											
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE						TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS						CONCLUSION AND RECOMMENDATIONS				
12/31/2023	The Environmental Auditor conducted site evaluations at the following locations: Foggy Ridge Road (CIS), US-220 (CIS), Longwood Road/MVP-MLV-AR-32 (GAS), and State Highway 122 (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 communicated with the Spread I LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC/SWM measures repair/maintenance, erosion occurring where final restoration occurred, and monitoring dewatering facilities for upcoming stream crossing activities and pre planning to consider advanced water treatment options as necessary.				
12/25/2023 through 12/31/2023	<p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread I Project.</p> <p>The Environmental Auditor communicated with the Spread I Environmental Coordinator regarding observations related to SWPPP VSIR reviews.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 12/30/2023 regarding the Partial Bi-Weekly reporting period ending on 12/31/2023 and the Q4 reporting period ending on 12/31/2023. The Environmental Auditor provided technical recommendations to monitor turbidity at dewatering facilities discharge locations, continue monitoring permanently restored areas, conduct ESC measures repairs and implement enhancements where erosion is occurring or could occur, and conduct maintenance at permanent waterbar end treatments as needed.</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										