



Mountain Valley Pipeline Project – Spread H

Environmental Auditor Quarterly Report for Q1 2022

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Environmental Auditor Contact Information

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I. Introduction

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

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

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

- Montgomery, Roanoke and Franklin Counties
 - 12005+00-12544+06
 - 12600+00-13141+65
 - 13141+65-13422+00
 - PY-006
 - LY-049
 - LY-071

Inspections did not occur from January 1, 2022 through March 31, 2022 (Q1 reporting period) between approximate stations 12544+06-12600+70 as earth disturbance activities have not commenced within these locations. No forward construction progress occurred during the Q1 reporting period throughout Spread H.

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

- 12009+00-12011+63; 12113+00-12115+00
- 12145+50-12147+50; 12147+50-12152+00
- 12212+00-12216+00; 12235+00-12281+00
- 12691+05-12697+00; 12999+30-13022+00
- 13044+00-13057+00; 13058+93-13061+40
- 13063+96-13115+00; 13213+00-13260+00
- 13262+58-13316+00

II. Information Reviewed to Prepare Quarterly Report

The Environmental Auditor utilized the following resources to assist with evaluating project compliance from January 1, 2022 through March 31, 2022 (end of reporting period for Q1 2022):

- MVP Daily Punch Lists (includes VADEQ findings);
- Environmental Auditor Bi-Weekly Reports;
- Weekly meetings with MVP staff and the Lead Environmental Inspectors (LEIs);
- Stormwater Pollution Prevention Plan VSIRs;
- Spread H Rain Gauge Data;
- Spread H Scatter Sheets (Contractor Available Resources and Daily Work Locations);
- Annual Project Specific Standards and Specifications;
- Oil Discharge Contingency Plan (ODPC) Inspection Reports;
- Storm Water Pollution Prevention Plans (SWPPPs), Erosion and Sediment Control (ESC) Plans and Post Construction Stormwater Management (SWM) Plans; and
- Third party complaint submitted to the USACE on January 18, 2022. This is a redundant complaint previously filed with the VADEQ on 11/01/2021 (Pollution Investigation Report_IR#301395) then via USACE and filed by the FERC on 11/29/2021 (#20211129-5073).

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

The following sections III. through VI. provide an overall summary from January 1, 2022 through March 31, 2022 (Q1 reporting period). **Please refer to the attached Environmental Auditor Bi-Weekly Reports for further detailed information.**

III. Quarterly Summary of Environmental Inspector Observations

Per Table H-1A, the Environmental Inspectors observed a total of 138 daily punchlist items (includes Carry Over items) requiring repair/maintenance throughout the Q1 reporting period. The Environmental Auditor noted two items identified by the EIs as ESC measures damaged due to impacts caused by third party activities related to wildlife traffic and snow removal activities. The Environmental Auditor noted two items identified by the EIs as ESC measures damaged due to fallen trees during a snow/ice event. The ESC measures were subsequently repaired/maintained within the required timeframe and no resources were impacted.

During the Q1 reporting period all items provided on the punchlist were communicated to the contractor environmental staff and addressed within the VADEQ approved timeframe (24 hours/Three Days or as extended by VADEQ authorization). **Refer to Table H-1A and the respective Bi-Weekly Reports for further detailed information.**

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

Table H-1A

Spread H Environmental Inspector Observations: January 1, 2022 – March 31, 2022					
Monthly Observation	Total Number Observations	Environmental Resource Impact	Off Right of Way Impact	Right of Way Impacts Caused by Third Parties	Weather Related Damage
January 2022	*21	0	0	1	0
February 2022	*76	0	0	0	0
March 2022	*41	0	0	1	2

* Includes Carry Over Items

The EIs conducted a total of 195 SWPPP inspections and provided respective VSIRs throughout the Q1 reporting period. Upon review of the SWPPP VSIRs, it appears that the EIs' observations were documented within the Daily Punchlists, communicated to the contractor and noted issues were maintained/repared within the same day or within the VADEQ approved timeframe (24 Hours/Three Days or as extended by VADEQ authorization). The EIs continue to monitor third party earth disturbance activities within the vicinity of right of way locations. Please note that SWPPP inspection coverage was limited for entire portions of the right of way on 1/3/2022 and from 1/17/2022 through 1/20/2022 due to the adverse weather conditions (snow/ice) compromising safety. The Spread H Environmental staff communicated with the MVP Environmental staff (including the Chief EI) and notifications were sent to the VADEQ.

The MVP ODCP inspectors conducted weekly site inspections at Laydown Yard PY-006 from January 1, 2022 through March 31, 2022. Nineteen inspections were conducted in January, twenty inspections were conducted in February and twenty-four inspections were conducted in March. Due to adverse weather conditions (snow/ice), ODCP inspections did not occur on 1/3/2022 and 1/17/2022 (**Refer to Table H-1B below**). The ODCP inspectors did not observed any spills on Spread H during the Q1 reporting period.

An approximate total of 22 recordable precipitation events occurred during the Q1 reporting period. No off right of way or environmental resource impacts occurred during the Q1 reporting period.

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 Q1 reporting period:

Table H-1B

Spread H Rainfall and Duration Rates: January 1, 2022 – March 31, 2022					
January		February		March	
Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
1/2/2022	0.8"-1.5" – 10 Hours *Rainfall occurred on 12/31/2021 and 1/2/2022	2/3/2022	0.2"-0.4" – 9 Hours *Rainfall occurred late 2/2/2022 in early 2/3/2022	3/8/2022	0.1"-0.4" – 4 Hours *Rainfall occurred on 3/7/2022
1/3/2022	0.7"-1.4" – 6 Hours *Rain to snow late 1/2/2022 in early 1/3/2022 measured as liquid precipitation	2/4/2022	0.7"-1.0" – 24 Hours *Rainfall occurred from 2/3/2022 into early 2/4/2022	3/9/2022	0.6"-1.1" – 3.5 Hours *Rainfall began late 3/8/2022
1/4/2022	2.0"-5.0" – 5 Hours *Snowfall occurred on 1/3/2022	2/7/2022	0.0"-0.3" – 3.5 Hours *Light rainfall continued through late morning on 2/4/2022	3/14/2022	0.3"-0.4" – 6 Hours *Wintry Mix occurred on 3/12/2022

Spread H Rainfall and Duration Rates: January 1, 2022 – March 31, 2022					
January		February		March	
Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
1/7/2022	0.1"-0.4" – 2.75 Hours *Wintry Mix measure in liquid precipitation occurred on 1/6/2022	2/8/2022	0.0"-0.1" – 3 Hours *Rainfall occurred on 2/7/2022	3/17/2022	0.2"-0.3" – 15 Hours *Steady light rainfall followed by intermittent rainfall occurred late 3/16/2022 into early 3/17/2022
1/10/2022	0.2"-0.5" – 8 Hours *Rainfall occurred on 1/9/2022	2/14/2022	0.0"-0.2" – 4 Hours *Wintry Mix occurred on 2/13/2022	3/24/2022	0.5"-1.8" – 16.75 Hours *Rainfall occurred on 3/23/2022
1/17/2022	4.0"-10.0" – 14 Hours *Snowstorm occurred on 1/16/2022 *Please note that some locations were inaccessible due to adverse weather conditions	2/18/2022	0.2"-0.4" – 5 Hours *Rainfall occurred from late 2/17/2022 in early 2/18/2022		
1/20/2022	0.0"-0.1" – 7 Hours	2/23/2022	0.5"-0.8" – 18.5 Hours *Rainfall occurred from 2/22/2022 into 2/23/2022		
1/31/2022	0.0"-0.2" – 9 Hours *Rainfall occurred on 1/28/2022	2/24/2022	0.1"-0.5" – 4 Hours *Intermittent rainfall occurred on 2/23/2022 and early 2/24/2022		
		2/25/2022	0.8"-1.1" – 12 Hours *Rainfall occurred on 2/24/2022 and 2/25/2022		

IV. Quarterly Summary of VADEQ Observations

Per Table H-1C, the VADEQ Inspectors observed a total of 22 items (includes Carry Over items) requiring repair/maintenance throughout the Q1 reporting period. During this reporting period the Environmental Auditor noted no items identified by the VADEQ as ESC measures damaged due to impacts caused by third party activities. The items provided on the punchlist for the reporting period were communicated to the contractor staff and addressed within the VADEQ approved timeframe (24 hours/Three Days or as extended by VADEQ authorization).

The VADEQ established a punchlist item reminder for a project location to extend waterbars across the entire right of way once grubbing activities occur within the existing stabilized area below the waterbars. This reminder will serve as an ongoing punchlist item to be extended on a monthly basis by the VADEQ until active earthmoving activities resume and the waterbars are extended across the entire length of the right of way to discharge off the right of way.

During the Q1 reporting period, the VADEQ did not identify off right of way or environmental resource impacts throughout the Spread H project area. **Refer to Table H-1C and the respective Bi-Weekly Reports for further detailed information.**

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

Table H-1C

Spread H VADEQ Observations: January 1, 2022 – March 31, 2022					
Monthly Observation	Total Number Observations	Environmental Resource Impact	Off Right of Way Impact	Right of Way Impacts Caused by Third Parties	Weather Related Damage
January 2022	0	0	0	0	0
February 2022	8	0	0	0	0
March 2022	*14	0	0	0	0

*Includes Carry Over Items

V. Quarterly Summary of Landowner/Third Party Issues

- A third party complaint was filed with the United States Army Corps of Engineers (USACE) on January 18, 2022. This is a redundant complaint previously filed with the VADEQ on 11/01/2021 (Pollution Investigation Report_IR#301395) then via USACE and filed by the FERC on 11/29/2021 (#20211129-5073). The complainant alleged that fill material and "a truck dumping water" were deliberately dumped into a wetland. Based on previous inspections conducted by the Spread H Environmental inspection staff, VADEQ, and the Environmental Auditor with the most recent evaluation conducted 1/21/2022, the Environmental Auditor continues to observe the ESC measures installed and functional, wetland signage and staking in place, and no activities/storage impacts to any environmental resources.

VI. Quarterly Summary of Environmental Auditor Observations and Recommendations

Per Table H-1D, the Environmental Auditor conducted 46 site evaluations during the Q1 reporting period and observed locations where ESC measures required proper installation, 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 and Post Construction SWM measures throughout the project for proper installation and functionality. The Environmental Auditor communicated observations and recommendations with the Spread H Environmental inspection staff, contractor staff and MVP Environmental staff (includes the Chief EI). During specific field evaluations, repair/maintenance recommendations were communicated by the Environmental Auditor to the Spread H LEI and items were subsequently addressed. Recommendations provided by the Environmental Auditor to install enhanced ESC measures pertained to runoff control, erosion control (includes temporary and permanent stabilization measures), sediment control Best Management Practices (BMPs) and SWPPP VSIR monitoring recommendations pertaining to potential impacts to the right of way and environmental resources (streams) which are part of the project watershed by third party related activities. Based on observations during the previous Q4 2021 reporting period, the Environmental Auditor conducted continued monitoring on a steep slope at MVP-FR-291. The Environmental Auditor communicated with the Spread H Environmental staff, Chief EI, MVP Environmental inspection staff, and the contractor regarding recommendations to conduct repair/maintenance and ESC enhancements on the slope.

The Spread H Environmental inspection staff, contractor Environmental staff, Chief EI, and the Environmental Auditor continue to monitor locations throughout the right of way where ESC measures are degrading or approaching the endpoint of functional longevity due to the project's extended timeframe.

The Environmental Auditor conducted a site evaluation in response to the January 18, 2022 complaint. At the time of the evaluation, the Environmental Auditor observed the following: ESC measures installed and functional, the project area stabilized, no pollution events, and no project related impacts to environmental resources.

The Environmental Auditor continues to communicate with the Spread H Environmental inspection staff, MVP Environmental staff (including the Chief EI), and contractor staff on a continued basis. Discussions entail project feedback and recommendations/guidance to maintain compliance. This includes guidance and recommendations related to SWPPP VSIR reviews.

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

Table H-1D

Environmental Auditor Field Observations: January 1, 2022 – March 31, 2022	
Month	Total Observations
January 2022	8
February 2022	13
March 2022	25

VII. Conclusion(s)

Per Section IV. (b) (1) of the Consent Decree, the Environmental Auditor conducted site evaluations, evaluated Daily Punchlists, VSIR/SWPPP reports, communicated with the Spread H Environmental inspection and construction 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 construction contractor, were sufficient to regularly and consistently conduct routine maintenance and/or repair ineffective ESC measures in a timely manner throughout the Q1 reporting period. The Environmental Auditor recommends continued communication between the MVP Environmental inspection staff and the contractor to ensure all ESC measures are installed and functional and to conduct QA/QC reviews for SWPPP VSIRs to ensure compliance will be maintained with the approved Annual Standards and Specifications.

In accordance with Section IV.a of the Consent Decree, the Environmental Auditor concludes that all alleged instances of non-compliance with MVP's Annual Standards and Specifications, MVP's Site-Specific ESC and SWM Plans, and Clean Water Act Section 401 Water Quality Certification No. 17.001 addressed in the Consent Decree that are within MVP's power to correct have been corrected. As the VADEQ is aware, there are instances noted in the Q4 2019 through Q4 2021 Reports in which sediment has left the ROW but MVP's requests for landowner permission to take corrective measures have been denied.

Report Period Ending: 1/9/2022
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 16 conducted from 1/1/2022 through 1/9/2022 (includes PY-006) : One SWPPP Inspection was postponed on 1/3/2022 due to adverse weather conditions. The VADEQ was notified by the MVP Environmental staff and the inspection completed on 1/4/2022.											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 1/9/2022 through 1/9/2022 (includes Carry Over Items from 12/31/2021):5											
Total Number of ODCP Inspections at Laydown Yard PY-006: 4 (1/4/2022 through 1/7/2022): The ODCP inspection was postponed on 1/3/2022 due to adverse weather conditions and the VADEQ was notified by the MVP Environmental staff.											
Total Number of VA DEQ Observations from 1/1/2022 through 1/9/2022: 0											
Total Number of Landowner/Third Party Reported Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 0											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris):0											
Total Number of Off Right of Way Impacts: 0											
Total Number of Environmental Resource Impacts: 0											
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree:0											
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 1/1/2022 through 1/9/2022.											

CARRY OVER ITEMS FROM 12/31/2021											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/R EPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 5/12, 5/19, 6/2, 6/9, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, and 12/16/2021 to be completed on 1/17/2022			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/R EPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
1/5/2022		4					4			4 on 1/6/2022	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.

VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/R EPAIR	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				
1/6/2022	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-288 (GAS), MVP-RO-287 (CIS), and MVP-FR-291 (GAS).						The Environmental Auditor observed the ESC measures installed and functional at the time of the evaluation.				
1/1/2022 through 1/9/2022	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODCP Inspection Reports, and SWPPP Inspection Reports to be compliant during this reporting period for the Spread H Project. The Environmental Auditor communicated with all Spreads on 1/6/2022 regarding the upcoming Bi-Weekly Reporting period ending on 1/9/2022. One SWPPP Inspection was postponed on 1/3/2022 due to adverse weather conditions and the VADEQ was notified by the MVP Environmental staff.						The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring and installing enhanced ESC measures as needed. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread H Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.				

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

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
1/18/2022	Bottom Creek Road	1	A third party complaint was filed with the United States Army Corps of Engineers (USACE) on 1/18/2022. This is a redundant complaint previously filed with the VADEQ on 11/01/2021 (Pollution Investigation Report_IR#301395) then via USACE and filed by the FERC on 11/29/2021 (#20211129-5073). The complainant alleged that fill material and "a truck dumping water" were deliberately dumped into a wetland. Based on previous inspections conducted by the Spread H Environmental inspection staff, VADEQ, and the Environmental Auditor with the most recent evaluation conducted 1/21/2022, the Environmental Auditor continues to observe the ESC measures installed and functional, wetland signage and staking in place, and no activities/storage impacts to any environmental resources.
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
1/11/2022	The Environmental Auditor conducted a site evaluation at Cahas Mountain Road #1 (CIS).	The Environmental Auditor observed the ESC measures installed and functional at the time of the evaluation.	
1/19/2022	The Environmental Auditor conducted a site evaluation at Bradshaw Road (GAS).	The Environmental Auditor observed snow covered conditions and the ESC measures appeared to be installed and functional where visible at the time of the evaluation. The Environmental Auditor communicated with the LEI regarding third party impacts related to snow plowing activities.	
1/21/2022	The Environmental Auditor conducted a site evaluation at the following locations: MVP-RO-281, MVP-RO-282, and Bottom Creek Road (CIS).	The Environmental Auditor observed snow covered conditions and the ESC measures appeared to be installed and functional where visible at the time of the evaluation.	
1/10/2022 through 1/23/2022	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODCP Inspection Reports, and SWPPP Inspection Reports to be compliant during this reporting period for the Spread H Project. The Environmental Auditor communicated with all Spreads on 1/20/2022 regarding the upcoming end of the Bi Weekly Reporting period on 1/23/2022. Please note that other than Laydown Yards, limited to no SWPPP inspections were conducted on 1/17/2022, 1/18/2021, 1/19/2022 and 1/20/2022 due to adverse weather conditions (snow/ice) compromising safety. Notification was provided to the VADEQ.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring and installing enhanced ESC measures as needed. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread H Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity. The Environmental Auditor recommended monitoring and provided applicable documentation related to ESC measures, public roadways near the right of way and adjacent third party roadways near the right of way for damage/earth disturbance due to third party snow removal activities. The Environmental Auditor continues to recommend providing QC to ensure completeness on all SWPPP VSIR documentation.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

Report Period Ending: 2/6/2022
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 31 conducted from 1/24/2022 through 2/6/2022 (includes PY-006)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 1/24/2022 through 2/6/2022 (includes Carry Over Items from 1/23/2022): 4											
Total Number of ODCP Inspections at Laydown Yard PY-006: 5 (1/24/2022 through 1/28/2022); 5 (1/31/2022 through 2/4/2022)											
Total Number of VA DEQ Observations from 1/24/2022 through 2/6/2022: 1											
Total Number of Landowner/Third Party Reported Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 0											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris): 0											
Total Number of Off Right of Way Impacts: 0											
Total Number of Environmental Resource Impacts: 0											
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0											
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 1/24/2022 through 2/6/2022.											
CARRY OVER ITEMS FROM 1/23/2022											
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/R EPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 5/12, 5/19, 6/2, 6/9, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, 12/16/2021 and 1/17/2022 to be completed on 2/17/2022			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/R EPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
1/24/2022		3					3			3 on 1/25/2022	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/R EPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
2/2/2022		1					1			1 on 2/3/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS											
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE						TOTAL NUMBER OBSERVATIONS				SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS							CONCLUSION AND RECOMMENDATIONS			
2/2/2022	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-272 (CIS/GAS), Bradshaw Road (CIS), and MVP-MN-273 (GAS).							The Environmental Auditor observed the ESC measures installed and functional at the time of the evaluation. The Environmental Auditor communicated with the LEI regarding rutting/earth disturbance due to vehicle traffic on the right of way near MVP-MN-273.			
1/24/2022 through 2/6/2022	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODCP Inspection Reports, and SWPPP Inspection Reports to be compliant during this reporting period for the Spread H Project. The Environmental Auditor communicated with all Spreads on 1/27/2022 and 2/4/2022 regarding the upcoming end of the Bi-Weekly Reporting period on 2/6/2022.							The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring and installing enhanced ESC measures as needed. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread H Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.			
REQUIRED FINDINGS AND CONCLUSIONS											
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).									
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes										
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes										
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes										

Report Period Ending: 2/20/2022
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 34 conducted from 2/7/2022 through 2/20/2022 (includes PY-006)
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 2/7/2022 through 2/20/2022 (includes Carry Over Items from 2/6/2022): 54
 Total Number of ODCP Inspections at Laydown Yard PY-006: 5 (2/7/2022 through 2/11/2022); 5 (2/14/2022 through 2/18/2022)
 Total Number of VA DEQ Observations from 2/7/2022 through 2/20/2022: 4
 Total Number of Landowner/Third Party Reported Complaints: 0
 Total Number of Right of Way Impacts Caused by Third Parties: 0
 Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris): 0
 Total Number of Off Right of Way Impacts: 0
 Total Number of Environmental Resource Impacts: 0
 Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0

Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 2/7/2022 through 2/20/2022.

CARRY OVER ITEMS FROM 2/6/2022

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 5/12, 5/19, 6/2, 6/9, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, 12/16/2021, 1/17/2022, and 2/17/2022 to be completed on 3/17/2022			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
2/7/2022	0.0"-0.3" - 3.5 Hours *Light rainfall continued through late morning on 2/4/2022	1					1			1 on 2/7/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
2/8/2022	0.0"-0.1" - 3 Hours *Rainfall occurred on 2/7/2022	20					20			3 on 2/8/2022 4 on 2/9/2022 8 on 2/10/2022 5 on 2/11/2022	Twenty items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/9/2022		6					6			3 on 2/9/2022 3 on 2/10/2022	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/11/2022		3					3	1 on 2/14/2022 to be completed on 2/17/2022		2 on 2/14/2022 1 on 2/17/2022	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the completed items received an extension request approval.
2/15/2022		11					11			1 on 2/15/2022 7 on 2/16/2022 3 on 2/17/2022	Eleven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/16/2022		2					2			2 on 2/6/2022	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/17/2022		5					5			5 on 2/18/2022	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/18/2022	0.2"-0.4" - 5 Hours *Rainfall began late on 2/17/2022	5					5				Five items were identified requiring ESC repair/maintenance and have three days to be completed.

VADEQ OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
2/7/2022	0.0"-0.3" - 3.5 Hours *Light rainfall continued through late morning on 2/4/2022	4					4			1 on 2/8/2022 2 on 2/9/2022 1 on 2/10/2022	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
2/7/2022	The Environmental Auditor conducted site evaluations at MVP-RO-286 (GAS) and Bottom Creek Road (CIS).	The Environmental Auditor observed the ESC measures installed and functional at the time of the evaluation.	
2/9/2022	The Environmental Auditor conducted site evaluations at the following locations: MVP-FR-291 (GAS), Honeysuckle Road (GAS), and MVP-RO-281.	The Environmental Auditor observed the ESC and PCSM measures installed and functional at the time of the evaluation. The Environmental Auditor communicated with the LEI and MVP Environmental staff regarding steep slope observations and provided recommendations to address concerns related to soil creep upon drier/safe conditions.	
2/11/2022	The Environmental Auditor accompanied by the Geotech conducted a site evaluation at MVP-FR-291 (GAS).	The Environmental Auditor accompanied by the Geotech met with the EI and contractor to review concerns related to soil creep upon drier/safe conditions. The Environmental Auditor communicated with the LEI, Chief EI and MVP Environmental staff regarding interim solutions to address soil creep due to freeze/thaw conditions.	
2/7/2022 through 2/20/2022	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODCP Inspection Reports, and SWPPP Inspection Reports to be compliant during this reporting period for the Spread H Project. The Environmental Auditor communicated with all Spreads on 2/10/2022 and 2/17/2022 regarding the upcoming end of the Bi-Weekly Reporting period on 2/20/2022.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring and installing enhanced ESC measures as needed. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread H Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

Report Period Ending: 3/6/2022
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 31 conducted from 2/21/2022 through 3/6/2022 (includes PY-006)
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 2/21/2022 through 3/6/2022 (includes Carry Over Items from 2/20/2022): 33
Total Number of ODCP Inspections at Laydown Yard PY-006: 5 (2/21/2022 through 2/25/2022); 5 (2/28/2022 through 3/4/2022)
Total Number of VA DEQ Observations from 2/21/2022 through 3/6/2022: 3
Total Number of Landowner/Third Party Reported Complaints: 0
Total Number of Right of Way Impacts Caused by Third Parties: 0
Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris): 2
Total Number of Off Right of Way Impacts: 0
Total Number of Environmental Resource Impacts: 0
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 2/21/2022 through 3/6/2022.

CARRY OVER ITEMS FROM 2/20/2022

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/R EPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 5/12, 5/19, 6/2, 6/9, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, 12/16/2021, 1/17/2022, and 2/17/2022 to be completed on 3/17/2022			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.
2/18/2022		5					5			5 on 2/21/2022	Five 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/R EPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
2/21/2022		6					6		1 on 2/21/2022	4 on 2/21/2022 1 on 2/22/2022	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/22/2022		1					1			1 on 2/22/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
2/23/2022	0.5"-0.8" - 18.5 Hours *Rainfall began on 2/22/2022 through 2/23/2022	6					6		1 on 2/24/2022	5 on 2/25/2022	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/28/2022		3					3			1 on 2/28/2022 2 on 3/1/2022	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/1/2022		2			1		1			2 on 3/2/2022	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by weather related damage related to windy conditions displacing the soil stabilization blanket.
3/2/2022		5					5			4 on 3/2/2022 1 on 3/3/2022	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/3/2022		4			1		3			2 on 3/3/2022 2 on 3/4/2022	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by weather related damage related to windy conditions displacing soil stabilization blanket.

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/R EPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
2/21/2022		3					3			3 on 2/22/2022	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
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
2/21/2022	The Environmental Auditor conducted site evaluations at MVP-MN-278.01 (CIS) and MVP-MN-268.01 (GAS).	The Environmental Auditor observed areas where ESC measures are installed and functional at the time of the evaluation. The Environmental Auditor communicated with the LEI, Chief EI and MVP Environmental staff regarding observations and recommendations related to ESC repair/maintenance and stream monitoring due to third party logging operations.	
2/23/2022	The Environmental Auditor conducted site evaluations at Honeysuckle Road (GAS) and Cahas Mountain Road #1 (CIS).	The Environmental Auditor observed the ESC and PCSM measures installed and functional at the time of the evaluation. The Environmental Auditor communicated with the LEI and MVP Environmental staff regarding the installation of enhanced erosion control measures.	
3/1/2022	The Environmental Auditor conducted site evaluations at MVP-MN-276.03 (GAS) and MVP-MN-270 (GAS).	The Environmental Auditor observed areas where ESC measures are installed and functional at the time of the evaluation. The Environmental Auditor communicated with the LEI and EI regarding recommendations related to ESC repair/maintenance.	
3/3/2022	The Environmental Auditor conducted site evaluations at the following locations: Flanders Road (CIS), MVP-RO-287 (CIS), Honeysuckle Road (GAS), and MVP-RO-282 (CIS).	The Environmental Auditor observed the ESC and PCSM measures installed and functional at the time of the evaluation.	
2/21/2022 through 3/6/2022	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODCP Inspection Reports, and SWPPP Inspection Reports to be compliant during this reporting period for the Spread H Project. The Environmental Auditor communicated with all Spreads on 2/28/2022 regarding the upcoming end of the Bi Weekly Reporting period on 3/6/2022.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring and installing enhanced ESC measures as needed. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread H Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

Report Period Ending: 3/20/2022
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 33 conducted from 3/7/2022 through 3/20/2022 (includes PY-006)
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 3/7/2022 through 3/20/2022 (includes Carry Over Items from 3/6/2022): 11
Total Number of ODCP Inspections at Laydown Yard PY-006: 5 (3/7/2022 through 3/11/2022); 6 (3/14/2022 through 3/19/2022)
Total Number of VA DEQ Observations from 3/7/2022 through 3/20/2022: 3 (Refer to the VADEQ Observations below for additional information related to the 3/10/2022 Daily Punchlist item)
Total Number of Landowner/Third Party Reported Complaints: 0
Total Number of Right of Way Impacts Caused by Third Parties: 0
Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris): 0
Total Number of Off Right of Way Impacts: 0
Total Number of Environmental Resource Impacts: 0
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 3/7/2022 through 3/20/2022.

CARRY OVER ITEMS FROM 3/6/2022

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/R EPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 5/12, 5/19, 6/2, 6/9, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, 12/16/2021, 1/17, 2/17 and 3/17/2022 to be completed on 4/17/2022			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/R EPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
3/7/2022		4					4			4 on 3/7/2022	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/9/2022	0.6"-1.1" - 9.5 Hours *Rainfall began late 3/8/2022	1					1			1 on 3/10/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
3/10/2022		1					1			1 on 3/10/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
3/11/2022		1					1			1 on 3/11/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
3/15/2022		1					1			1 on 3/15/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
3/17/2022	0.2"-0.3" - 15 Hours *Steady light rainfall followed by intermittent rainfall occurred late 3/16/2022 into early 3/17/2022	2					2		1 on 3/18/2022	1 on 3/17/2022	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/R EPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
3/10/2022		*1					1	1 on 3/13/2022 to be completed on 3/16/2022 *1 on 3/16/2022 to be completed on 4/16/2022 (This item is an extension of the original (above) punchlist item where the VADEQ has established a reminder to extend waterbars across the entire right of way when grubbing is completed within the currently stabilized area below the waterbars)		1 on 3/15/2022	One item was identified on the Daily Punchlist requiring ESC repair/maintenance to be performed on waterbars and end sumps. The repair/maintenance was completed within the required timeframe via an extension request approval by the VADEQ. This two-part punchlist item has a reminder established by the VADEQ to extend waterbars across the entire right of way once grubbing activities occur within the existing stabilized area below the waterbars. This reminder will serve as an ongoing punchlist item to be extended on a monthly basis by the VADEQ.
3/16/2022		2					2			2 on 3/19/2022	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
3/8/2022	The Environmental Auditor conducted a site evaluation at MVP-FR-292 (CIS/GAS).	The Environmental Auditor observed locations where ESC measures appeared to be installed and functional at the time of the evaluation.	
3/10/2022	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-279.01 (CIS), MVP-RO-281 (GAS), and MVP-RO-282 (CIS).	The Environmental Auditor observed locations where ESC measures and PCSM measures appeared to be installed and functional at the time of the evaluation.	
3/14/2022	The Environmental Auditor conducted a site evaluation at Cahas Mountain Road #1 (CIS).	The Environmental Auditor observed locations where ESC measures appeared to be installed and functional and repair/maintenance activities occurring at waterbars and end sumps per the VADEQ punchlist item identified on 3/10/2022.	
3/16/2022	The Environmental Auditor conducted a site evaluation at MVP-MN-270 (CIS).	The Environmental Auditor observed locations where ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor evaluated the condition of the existing soil stabilization blanket (SSB) throughout the slope (channery/rock conditions) due a VADEQ (MBP) inspection and observed locations where the SSB filler material has degraded. Minor erosion with minimal to no sediment build up within the waterbars and end sumps was observed throughout areas of the slope at the time of the evaluation. The Environmental Auditor met with the Spread H LEI and contractor to discuss the current conditions and also communicated with the Chief EI and MVP Environmental staff regarding the existing conditions and course of action discussed with the LEI and contractor to restabilize areas of the slope.	
3/17/2022	The Environmental Auditor conducted site evaluations at the following locations: Bottom Creek Road (GAS), MVP-RO-286 (GAS), and MVP-RO-287 (CIS/GAS), and MVP-FR-291 (GAS).	The Environmental Auditor observed locations where ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI regarding observations and recommendations related to ESC measures repair and monitoring.	
3/7/2022 through 3/20/2022	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODCP Inspection Reports, and SWPPP Inspection Reports to be compliant during this reporting period for the Spread H Project. The Environmental Auditor communicated with all Spreads on 3/17/2022 regarding the upcoming end of the Bi-Weekly Reporting period on 3/20/2022.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring and installing enhanced ESC measures as needed. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread H Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

Report Period Ending: 3/31/2022
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 26 conducted from 3/21/2022 through 3/31/2022 (includes PY-006)
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 3/21/2022 through 3/31/2022 (includes Carry Over Items from 3/20/2022):18
Total Number of ODCP Inspections at Laydown Yard PY-006: 5 (3/21/2022 through 3/25/2022); 4 (3/28/2022 through 3/31/2022)
Total Number of VA DEQ Observations from 3/21/2022 through 3/31/2022: 11
Total Number of Landowner/Third Party Reported Complaints: 0
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 (damaged ESC measures from fallen debris):0
Total Number of Off Right of Way Impacts: 0
Total Number of Environmental Resource Impacts: 0
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree:0
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 3/21/2022 through 3/31/2022.

CARRY OVER ITEMS FROM 3/20/2022

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/R EPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 5/12, 5/19, 6/2, 6/9, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, 12/16/2021, 1/17, 2/17 and 3/17/2022 to be completed on 4/17/2022			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.
3/16/2022		1					1	1 VADEQ reminder on 3/16/2022 to be completed on 4/16/2022 (This item is an extension of a 3/13/2022 Daily Punchlist Item where the VADEQ has established a reminder to extend waterbars across the entire right of way when grubbing is completed within the currently stabilized area below the waterbars)			This item is a reminder established by the VADEQ to extend waterbars across the entire right of way once grubbing activities occur within the existing stabilized area below the waterbars. This reminder will serve as an ongoing punchlist item to be extended on a monthly basis by the VADEQ until active earthmoving activities resume and the waterbars are extended across the entire length of the right of way to discharge off the right of way.

ENVIRONMENTAL INSPECTOR OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/R EPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
3/21/2022		2					2			1 on 3/21/2022 1 on 3/22/2022	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/22/2022		1					1			1 on 3/22/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
3/23/2022		1				1				1 on 3/24/2022	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.
3/24/2022	0.5"-1.8" - 16.75 Hours *Rainfall with a high intensity/short duration storm event occurred on 3/23/2022	3					3			3 on 3/25/2022	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/29/2022		1					1			1 on 3/30/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
3/30/2022		7					7			7 on 3/31/2022	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/31/2022		1					1			1 on 3/31/2022	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/R EPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
3/24/2022	0.5"-1.8" - 16.75 Hours *Rainfall with a high intensity/short duration storm event occurred on 3/23/2022	1					1			1 on 3/25/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
3/25/2022		3					3			3 on 3/28/2022	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/28/2022		7					7			5 on 3/29/2022 2 on 3/30/2022	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
3/21/2022	The Environmental Auditor conducted site evaluations at MVP-MN-270 (CIS/GAS) and MVP-MN-268.01 (GAS).	The Environmental Auditor observed locations where ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI regarding observations and recommendations related to temporary stabilization repair/maintenance and monitoring ESC measures functional longevity.	
3/24/2022	The Environmental Auditor conducted site evaluations at MVP-MLV-AR-29.01 (CIS) and Flanders Road (CIS).	The Environmental Auditor observed locations where ESC and PCSM measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI regarding observations and recommendations related to ESC measures repair/maintenance and monitoring temporary vegetative growth progress.	
3/28/2022	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-280 (GAS), MVP-RO-281 (CIS/GAS), and MVP-RO-282 (CIS/GAS).	The Environmental Auditor observed locations where ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI regarding observations and recommendations related to temporary stabilization and sediment control measures repair/maintenance. The Environmental Auditor communicated with the Spread H LEI, Chief EI, Geotech, and MVP Environmental staff regarding soil stockpile stability monitoring and planning for potential enhanced measures as needed.	
3/31/2022	The Environmental Auditor conducted site evaluations at MVP-LY-PY006 and Cannery Road (CIS/GAS).	The Environmental Auditor observed locations where ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI regarding observations and recommendations related to temporary stabilization and ESC measures repair/maintenance.	
3/21/2022 through 3/31/2022	The Environmental Auditor reviewed the daily MVP Punchlists, ODC reports and SWPPP Inspection Reports to be compliant during this reporting period for the Spread H Project. The Environmental Auditor communicated with all Spreads on 3/25/2022 and 3/31/2022 regarding the upcoming end of the Partial Bi-Weekly Reporting period on 3/20/2022 (end of Q1 2022) and the regularly scheduled Bi-Weekly Reporting period ending on 4/3/2022.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring and installing enhanced ESC measures as needed. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread H Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity. On 3/31/2022 the Environmental Auditor recommended all Spreads continue to monitor and document (within SWPPP VSIRs) third party earth disturbance activities within or near the right of way where potential upland and resource impacts could occur.	
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		