

Mountain Valley Pipeline Project – Spread H

Environmental Auditor Quarterly Report for Q4 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 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 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

Inspections did not occur from October 1, 2022 through December 31, 2022 (Q4 reporting period) between approximate stations 12544+06-12600+70 as earth disturbance activities have not commenced within these locations. No forward construction progress occurred on Spread H during the Q4 reporting period.

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

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

II. Information Reviewed to Prepare Quarterly Report

The Environmental Auditor utilized the following resources to assist with evaluating project compliance throughout the Q4 reporting period:

- Daily MVP Punch Lists (includes VADEQ findings);
- Environmental Auditor Bi-Weekly Reports;
- Weekly meetings with MVP staff and the LEIs;
- Stormwater Pollution Prevention Plan VSIRs;
- Spread H Rain Gauge Data;
- Spread H Scatter Sheets (Contractor Available Resources and Daily Work Locations);
- Annual Project Specific Standards and Specifications;
- Oil Discharge Contingency Plan (ODCP) Inspection reports; and
- Storm Water Pollution Prevention Plans, Erosion and Sediment Control Plans, and Post Construction Stormwater Management Plans.

The Environmental Auditor also relied on assistance and information from the MVP Environmental staff, MVP Chief Environmental Inspector, MVP Spread H Environmental inspection 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 Environmental Inspectors observed a total of 130 daily punchlist items (includes Carry Over items) requiring repair/maintenance throughout the Q4 reporting period. The Environmental Auditor noted 9 items identified by the EIs as ESC measures damaged due to impacts caused by third party activities related to wildlife traffic, landowner traffic, and unauthorized traffic. The ESC measures were subsequently repaired/maintained within the required timeframe.

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 Table H-1A and the respective Bi-Weekly Reports for further discussion.**

Based on the MVP Punchlist data and the Environmental Auditor's Bi-Weekly Reports, the following Table H-1A provides a summary of maintenance/repair items identified by the Environmental Inspectors throughout the Q4 reporting period:

Table H-1A

Spread H Environmental Inspector Observations: October 1, 2022 – December 31, 2022					
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 2022	*57	0	0	6	0
November 2022	*37	0	0	3	0
December 2022	*36	0	0	0	0

* Includes Carry Over Items

The EIs conducted a total of 192 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). Due to freezing rain and unsafe conditions on 12/15/2022, the EIs conducted partial SWPPP inspections. On 12/21/2022 a portion of the right of way was inaccessible due to a third party locking the access road gate. Both instances were reported within the respective SWPPP VSIRs.

On 11/16/2022 and 12/14/2022, the EIs observed third party earth disturbance activities adjacent to MVP-LY-049 and MVP-FR-292, respectively and noted damage to the ESC measures. No sediment impacts to the project right of way or environmental resources which flow through the right of way were observed by the EIs. These third party earth disturbance activities were communicated to the VADEQ and documented within the respective SWPPP VSIRs. **Refer to Section VI. for further discussion.**

The Spread H EIs conducted ODCP site inspections at Laydown Yard PY-006 throughout the Q4 reporting period. Twenty-one inspections were conducted in October, 17 inspections were conducted in November, and 22 inspections were conducted in December. On 12/13/2022 the EI observed a small diesel spill outside the bulk fuel tanks during an ODCP inspection. The contractor was immediately notified, the area cleaned up and the affected stone was placed in a hazardous waste container. No environmental resources were impacted.

An approximate total of 21 recordable precipitation events occurred during the Q4 reporting period. No off right of way or environmental resource impacts occurred during the Q4 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 Q4 reporting period:

Table H-1B

Spread H Rainfall and Duration Rates: October 1, 2022 – December 31, 2022					
	October	November		December	
Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
10/3/2022	2.1"-5.1" - 33 Hours *Rainfall with intervals of high intensity/short duration rainfall related to Hurricane Ian occurred from 9/30/2022 through 10/2/2022	11/1/2022	0.2"-0.5" - 11 Hours *Rainfall occurred on 10/31/2022	12/5/2022	0.2"-0.5" - 10 Hours *Rainfall occurred on 12/3/2022
10/13/2022	0.1"-0.4" - 4 Hours	11/3/2022	0.0"-0.1" - 3 Hours	12/7/2022	0.4"-1.0" - 25 Hours *Rainfall began on 12/6/2022 into early 12/7/2022

Spread H Rainfall and Duration Rates: October 1, 2022 – December 31, 2022					
	October	November		December	
Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
10/17/2022	0.1"-0.4" - 10.25 Hours *Rainfall occurred late 10/16/2022	11/7/2022	0.3"-1.5" - 30 Hours *Scattered Showers occurred from 11/5/2022 into 11/6/2022	12/8/2022	0.0"-0.2" - 5.25 Hours *Light rain occurred on 12/7/2022
10/26/2022	0.0"-0.1" - 1.5 Hours	11/11/2022	0.6"-2.2" - 9.5 Hours *Remnants of Tropical Storm Nicole began late 11/10/2022 continuing into 11/11/2022	12/9/2022	0.3"-0.4" - 13 Hours *Rainfall occurred from 12/8/2022 into early morning 12/9/2022
		11/12/2022	0.8"-1.4" - 17 Hours *Remnants of Tropical Storm Nicole continued through 11/11/2022	12/12/2022	0.0"-0.2" - 5.5 Hours *Scattered showers occurred on 12/9/2022 and 12/11/2022
		11/16/2022	0.7"-1.3" - 12.75 Hours *Rainfall occurred on 11/15/2022	12/16/2022	0.4"-1.5" - 19.5 Hours *Freezing rain to rain occurred late afternoon on 12/14/2022 and ended early afternoon on 12/15/2022
		11/28/2022	0.1" - 2 Hours	12/22/2022	0.3"-0.7" - 6 Hours
		11/30/2022	0.4"-0.6" - 3.5 Hours	12/23/2022	0.6"-1.2" - 7.5 Hours *Rainfall continued from 9:00 am until 4:30 pm and changed to Wintry Mix on 12/22/2022
				12/31/2022	0.2"-0.3" - 3 Hours

IV. Quarterly Summary of VADEQ Observations

Per Table H-1C, the VADEQ Inspectors observed a total of 9 items (includes Carry Over items) requiring repair/maintenance throughout the Q4 reporting period. During this reporting period the Environmental Auditor noted no items identified by the VADEQ as ESC measures damaged due to third party impacts. 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. **Refer to Table H-1C and the respective Bi-Weekly Reports for further detailed information.**

The items provided on the daily MVP Punchlists for the reporting period were communicated to the contractor Environmental staff and addressed within the VADEQ approved timeframe (24 hours/Three Days or as extended by VADEQ authorization). Please note that one carry over item from 3/13/2022 continues to be extended. This carry over item has been established by the VADEQ as a reminder to extend waterbars across the entire right of way once future grubbing activities are completed.

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, 2022 – December 31, 2022					
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 2022	*2	0	0	0	0
November 2022	*4	0	0	0	0
December 2022	*3	0	0	0	0

*Includes Carry Over Items

V. Quarterly Summary of Landowner/Third Party Issues

The Environmental Auditor noted no formal landowner/third party complaints for Spread H during the Q4 reporting period.

VI. Quarterly Summary of Environmental Auditor Observations and Recommendations

Per Table H-1D, the Environmental Auditor conducted 54 site evaluations during the Q4 reporting period and observed locations where ESC and Pollution Prevention 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, SWM, and Pollution Prevention measures throughout the project for proper installation and functionality. The Environmental Auditor communicated observations and recommendations with the Spread H Environmental inspection staff, Chief EI and MVP Environmental staff. Repair/maintenance items and recommendations were forwarded to the contractor Environmental staff by the Spread H Environmental inspection staff and recommendations were addressed. The Environmental Auditor provided recommendations to monitor temporary stabilization measures throughout the project and conduct restabilization activities as necessary.

On 11/16/2022 via communication with the Spread H LEI and MVP Environmental staff, the Environmental Auditor evaluated the right of way at MVP-FR-292 observed off right of way third party earth disturbance activities where project ESC measures have been damaged. It appears that no third party ESC measures were installed at the time of the evaluation and potential impacts due to the third party earth disturbance could occur to S-D17, S-D13, S-D12, S-HH3 and S-HH5. The Environmental Auditor conducted follow-up evaluations on 11/28/2022 and 12/20/2022. No off right of way sediment appeared to impact the right of way or nearby environmental resources at the time of the evaluation. The Environmental Auditor communicated the evaluation observations, concerns and monitoring recommendations to the Spread H LEI, Chief EI, and MVP Environmental staff. The Spread H Environmental inspection staff communicated this issue to the VADEQ and provided documentation within the SWPPP VSIRs.

On 12/14/2022, the Spread H LEI contacted the Environmental Auditor regarding off right of way landowner earth disturbance activities at MVP-LY-049 and damage to the project sediment controls. On 12/29/2022 a site evaluation was conducted at MVP-LY-049 and perimeter sediment control controls damaged due to the third party earth disturbance activities was observed. No off right of way sediment appeared to impact the right of way or nearby environmental resources at the time of the evaluation. The Spread H Environmental inspection staff communicated this issue to the VADEQ and provided documentation within the SWPPP VSIRs.

In addition to ESC measures repair/maintenance and enhancements, the Environmental Auditor provided recommendations to monitor temporary stabilization measures throughout the project and conduct restabilization activities which included installing soil stabilization blanket (SSB). The Environmental Auditor also provided recommendations related to SWPPP VSIR and ODCP inspection reports. 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 continues to communicate with the Spread H Environmental inspection staff, Chief EI, and MVP Environmental staff on a continued basis. Discussions entail project feedback and recommendations/guidance to maintain compliance related to documentation and technical support.

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

Table H-1D

Environmental Auditor Field Observations: October 1, 2022 – December 31, 2022	
Month	Total Observations
October 2022	15
November 2022	19
December 2022	20

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, contractor Environmental 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 measures are installed and functional and enhanced where necessary to maintain compliance with the approved Annual Standards and Specifications. The Environmental Auditor also recommends continuing to monitor off right of way third party earth disturbance activities that could potentially impact the project right of way and/or affiliated environmental resources.

As the VADEQ is aware, there are instances noted in the Q4 2019 through Q3 2022 Reports in which sediment has left the ROW but MVP’s requests for landowner permission to take corrective measures have been denied. Therefore, in accordance with Section IV.a of the Consent Decree, the Environmental Auditor concludes that all alleged instances of non-compliance with MVP’s Annual Standards and Specifications, MVP’s Site-Specific ESC and SWM Plans, and Clean Water Act Section 401 Water Quality Certification No. 17.001 addressed in the Consent Decree that are within MVP’s power to correct have been corrected.

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
10/6/2022	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-278.01, MVP-LY-PY-006, and MVP-MN-276.03.	The Environmental Auditor observed locations where the ESC and spill prevention/good housekeeping measures appeared to be installed and functional at the time of the evaluation.	
10/12/2022	The Environmental Auditor conducted site evaluations at MVP-RO-281 (CIS/GAS) and MVP-RO-282 (CIS/GAS).	The Environmental Auditor observed locations where the ESC 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 observations and recommendations related to monitoring erosion control measures and soil stockpile repair.	
10/3/2022 through 10/16/2022	<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 consistent documentation between the SWPPP VSIRs and daily MVP Punchlists related to third party impacts.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 10/13/2022 regarding the Bi-Weekly reporting period ending on 10/16/2022. The Environmental Auditor discussed continued monitoring areas where ESC measures (includes stabilization) will need to be maintained. The Environmental Auditor also reminded the LEIs to continue to evaluating corrective action items versus applicable timeframes for completion.</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 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 communicated with the Spread H LEI and Chief EI regarding third party related impacts reporting procedures.</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		

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	
10/18/2022	The Environmental Auditor conducted site evaluations at the following locations: Bottom Creek Road (GAS), MVP-RO-286 (GAS), and MVP-RO-287 (CIS).	The Environmental Auditor observed locations where the ESC/good housekeeping 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 observations and recommendations related to ESC measures repair.	
10/19/2022	The Environmental Auditor conducted a site evaluation at MVP-MN-268/268.01 (CIS/GAS).	The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at the time of the evaluation.	
10/24/2022	The Environmental Auditor conducted site evaluations at MVP-MN-270.01 (CIS) and MVP-MN-273 (GAS).	The Environmental Auditor observed locations where the ESC and SWM 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 observations related to conducting a pipe joint repair.	
10/25/2022	The Environmental Auditor conducted site evaluations at Flanders Road (GAS) and Wades Gap Road (CIS).	The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at the time of the evaluation.	
10/28/2022	The Environmental Auditor conducted a site evaluation at MVP-RO-281.02.	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation.	
10/17/2022 through 10/30/2022	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 10/27/2022 regarding the Bi-Weekly reporting period ending on 10/30/2022. The Environmental Auditor discussed continued monitoring of approaches to environmental resources and restabilizing as necessary. The Environmental Auditor reminded the LEIs to continue evaluating corrective action items versus applicable timeframes for completion and noting the type of third party related damages.	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
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
10/31/2022	The Environmental Auditor conducted a site evaluation at MVP-RO-268/268.01.	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor received communication from the Spread H LEI regarding off right of way third party earth disturbance activities within the S-G40 location at a footpath crossing location which is not part of the right of way. The Environmental Auditor conducted an evaluation and observed earth disturbance within and adjacent to S-G40 several hundred feet north of the right of way. The Spread H Environmental inspection staff provided documentation and communicated this issue to the VADEQ.	
11/1/2022	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-282 (GAS), MVP-RO-286 (GAS), and MVP-RO-288 (GAS).	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Chief EI, and MVP Environmental staff regarding recommendations to monitor a cut slope and implement ESC measures as necessary.	
11/4/2022	The Environmental Auditor conducted site evaluations at MVP-MN-276.03 (GAS) and MVP-LY-049.	The Environmental Auditor observed locations where the ESC/SWM and Pollution Prevention/Good Housekeeping 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 monitor vegetative coverage on permanent waterbars. The Environmental Auditor communicated with the Spread H LEI, Chief EI, and MVP Environmental staff regarding recommendations related to implementation and proper implementation of secondary containment structures.	
11/8/2022	The Environmental Auditor conducted site evaluations at the following locations: MVP-AR-028 (GAS), MVP-MN-279 (CIS/GAS), and MVP-MLV-AR-27 (CIS).	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Chief EI, and MVP Environmental staff regarding observations related to sediment control repair/maintenance and recommendations to monitor straw mulch cover for degradation.	
11/10/2022	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-287 (CIS/GAS), MVP-FR-291 (GAS), and MVP-FR-292 (CIS/GAS).	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Chief EI, and MVP Environmental staff regarding the right of way stabilized and the ESC measures installed and functional at MVP-FR-292.	
10/31/2022 through 11/13/2022	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 11/8/2022 regarding the Bi-Weekly reporting period ending on 11/13/2022. The Environmental Auditor noted the potential upcoming storm event and recommended the installing enhanced ESC measures as necessary near environmental resource locations.	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: 11/27/2022
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 27 conducted from 11/14/2022 through 11/27/2022 (includes PY-006): Holiday on 11/24/2022
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 11/14/2022 through 11/27/2022 (includes Carry Over Items from 11/13/2022): 9
Total Number of ODCP Inspections at Laydown Yard PY-006: 5 (11/14/2022 through 11/18/2022) Due to Contractor inactivity and no fluid transfers, no ODCP Inspection reports were submitted from 11/21/2022 through 11/25/2022
Total Number of VA DEQ Observations from 11/14/2022 through 11/27/2022 (includes Carry Over Items from 11/13/2022): 2
Total Number of Landowner/Third Party Reported Complaints: 0
Total Number of Right of Way Impacts Caused by Third Parties: 1 (landowner traffic)
Total Number of Right of Way Impacts Caused by Weather Related Damage (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 11/14/2022 through 11/27/2022

CARRY OVER ITEMS FROM 11/13/2022

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	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, and 11/15/2022 to be completed on 12/17/2022			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.
3/16/2022		1 (VADEQ)					1	1 VADEQ reminder on 3/16, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, and 11/15/2022 to be completed on 12/16/2022 (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/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/15/2022		1					1			1 on 11/16/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
11/16/2022	0.7"-1.3" - 12.75 Hours *Rainfall occurred on 11/15/2022	5					5			1 on 11/16/2022 4 on 11/17/2022	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/17/2022		2				1	1			1 on 11/17/2022 1 on 11/18/2022	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to landowner 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
11/16/2022	0.7"-1.3" - 12.75 Hours *Rainfall occurred on 11/15/2022	1					1		1 on 11/16/2022		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	
11/16/2022	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-282 (CIS/GAS), MVP-FR-292 (CIS/GAS), and MVP-FR-292.01/MLV-AR29.01.	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, Chief EI, and MVP Environmental staff regarding observations related to ESC measures repair/maintenance and monitoring recommendations related to soil stockpile stability and access road erosion.	
11/18/2022	The Environmental Auditor conducted site evaluations at Cahas Mountain Road #1 (CIS) and Webster Corner Road (CIS).	The Environmental Auditor observed off right of way third party earth disturbance activities at MVP-FR-292 where project ESC measures have been damaged. It appears that no third party ESC measures were installed at the time of the evaluation and potential impacts due to the third party earth disturbance could occur to S-D17, S-D13, S-D12, S-HH3, and S-HH5. The Environmental Auditor communicated the evaluation observations, concerns and recommendations to the Spread H LEI, Chief EI, and MVP Environmental staff. The Spread H Environmental inspection staff communicated this issue to the VADEQ and provided documentation within the SWPPP VSIRs.	
11/14/2022 through 11/27/2022	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 11/17/2022 regarding the Bi-Weekly reporting period ending on 11/27/2022. The Environmental Auditor communicated monitoring locations where concentrated flow occurs and installing soil stabilization blanket if erosion conditions occur. The Environmental Auditor also communicated documentation procedures related to identifying third party impacts within the SWPPP VSIRs and daily MVP Punchlists.	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. 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 communicated with the Spread H LEI, Chief EI, and MVP Environmental staff regarding recommendations to conduct QA/QC for consistency between SWPPP VSIRs and daily MVP Punchlists.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

Report Period Ending: 12/11/2022
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 29 conducted from 11/28/2022 through 12/11/2022 (includes PY-006)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 11/28/2022 through 12/11/2022 (includes Carry Over Items from 11/27/2022): 16											
Total Number of ODCP Inspections at Laydown Yard PY-006: 5 (11/28/2022 through 12/2/2022); 5 (12/5/2022 through 12/9/2022)											
Total Number of VA DEQ Observations from 11/28/2022 through 12/11/2022 (includes Carry Over Items from 11/27/2022): 2											
Total Number of Landowner/Third Party Reported Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 0											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris): 0											
Total Number of Off Right of Way Impacts: 0											
Total Number of Environmental Resource Impacts: 0											
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0											
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 11/28/2022 through 12/11/2022.											
CARRY OVER ITEMS FROM 11/27/2022											
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	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, and 11/15/2022 to be completed on 12/17/2022			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.
3/16/2022		1 (VADEQ)					1	1 VADEQ reminder on 3/16, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, and 11/15/2022 to be completed on 12/16/2022 (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/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/28/2022	0.1"-0.1" - 2 Hours *Light showers occurred early on 11/28/2022	3					3			3 on 11/28/2022	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/30/2022	0.4"-0.6" - 3.5 Hours *Rainfall occurred early on 11/30/2022	1					1			1 on 12/1/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
12/1/2022		1					1			1 on 12/2/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
12/5/2022	0.2"-0.5" - 10 Hours *Rainfall occurred on 12/3/2022	4					4			1 on 12/5/2022 3 on 12/6/2022	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/7/2022	0.4"-1.0" - 25 Hours *Rainfall began on 12/6/2022 into early 12/7/2022	3					3			3 on 12/8/2022	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/8/2022	0.0"-0.2" - 5.25 Hours *Light rain occurred on 12/7/2022	3					3			3 on 12/8/2022	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/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/29/2022		1					1	One on 12/2/2022 to be completed on 12/5/2022 *Wet conditions on the right of way		1 on 12/5/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe. This item, which entails restabilization, received an extension request approval due to wet conditions on the right of way.

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	
11/28/2022	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-280 (GAS), MVP-RO-281, and MVP-FR-292 (CIS/GAS).	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor continued to monitor the off right of way third party earth disturbance activities at MVP-FR-292. It appears that one location had ESC measures (perimeter sediment control and rock construction entrance) installed at the time of the evaluation. Based on the evaluation, potential impacts due to the third party earth disturbance could occur to S-D17, S-D14, S-D13, S-HH3, and S-HH5. The Environmental Auditor communicated observations and concerns to the Spread H LEI, Chief EI, and MVP Environmental staff. The Spread H Environmental inspection staff communicated this issue to the VADEQ and provided documentation within the SWPPP VSIRs. The Environmental Auditor recommended continued monitoring and providing documentation (includes photos) within subsequent SWPPP VSIRs.	
12/5/2022	The Environmental Auditor conducted a site evaluation at MVP-LY-049.	The Environmental Auditor observed locations where the ESC, spill prevention/containment and good housekeeping measures appeared to be installed and functional at the time of the evaluation.	
12/6/2022	The Environmental Auditor conducted site evaluations at the following locations: MVP-FR-292, Flanders Road (CIS), and Webster Corner Road (GAS).	The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor continued to monitor the off right of way third party earth disturbance activities at MVP-FR-292. The water clarity within S-HH3, S-HH2 and S-D11 appeared clear at the time of the evaluation.	
12/7/2022	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-270 (CIS/GAS), MVP-MN-270.01 (CIS/GAS), and MVP-MN-276.03.	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Chief EI, and MVP Environmental staff regarding observations related to repairing a sediment control damage by a tree.	
11/28/2022 through 12/11/2022	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 12/8/2022 regarding the Bi-Weekly reporting period ending on 12/11/2022. The Environmental Auditor communicated the following recommendations: installing soil stabilization blanket in areas where straw mulch has become dislodged and erosion occurs due to concentrated flow conditions, immediately stabilizing areas disturbed during ESC measures repair/maintenance and vegetative maintenance, and continue to conduct QA/QC to ensure thorough and consistent reporting between the SWPPP VSIRs and daily MVP Punchlists.	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 communicated with the Spread H LEI, Chief EI, and MVP Environmental staff regarding recommendations to conduct QA/QC for consistency between SWPPP VSIRs and daily MVP Punchlists.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

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	
12/12/2022	The Environmental Auditor conducted site evaluations at the following locations: Bottom Creek Road (GAS), MVP-RO-286 (GAS), MVP-RO-287 (CIS/GAS), and MVP-RO-288 (GAS).	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Chief EI, and MVP Environmental staff regarding observations related to ESC measures repair/maintenance.	
12/14/2022	The Environmental Auditor conducted a site evaluation at Wades Gap Road (GAS).	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Chief EI, and MVP Environmental staff regarding monitoring recommendations at stream crossing locations.	
12/20/2022	The Environmental Auditor conducted site evaluations at the following locations: MVP-FR-289 (CIS/GAS), MVP-FR-290 (GAS), MVP-FR-291 (CIS/GAS), and MVP-FR-292 (CIS/GAS).	The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Chief EI and MVP Environmental staff regarding monitoring recommendations related to minor erosion on the right of way due to third party landowner traffic. The Environmental Auditor communicated with the Spread H LEI, Chief EI, and MVP Environmental staff regarding observations related to potential impacts to the right of way and S-D14 at MVP-FR-292 due to off right of way third party earth disturbance activities.	
12/12/2022 through 12/25/2022	<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>On 12/14/2022, the Spread H LEI contacted the Environmental Auditor regarding off right of way landowner earth disturbance activities at MVP-LY-049 and damage to the project sediment controls. This issue was communicated to the VADEQ and documented within the respective SWPPP VSIRs.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 12/22/2022 regarding the Bi-Weekly reporting period ending on 12/25/2022. The Environmental Auditor communicated the following recommendations: installing soil stabilization blanket in areas where straw mulch has become dislodged and erosion occurs due to concentrated flow conditions and referring to the Annual Standards and Specifications regarding prioritizing 24 Hour and Three Day corrective action items on the daily MVP Punchlists.</p>	<p>The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring and installing enhanced ESC measures as needed. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread 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 communicated with the Spread H LEI, Chief EI, and MVP Environmental staff regarding recommendations to conduct QA/QC for consistency between SWPPP VSIRs and daily MVP Punchlists.</p>	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

Report Period Ending: 12/31/2022
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 14 conducted from 12/26/2022 through 12/31/2022 (includes PY-006)
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 12/26/2022 through 12/31/2022 (includes Carry Over Items from 12/25/2022): 9
Total Number of ODCP Inspections at Laydown Yard PY-006: 5 (12/26/2022 through 12/30/2022)
Total Number of VA DEQ Observations from 12/26/2022 through 12/31/2022 (includes Carry Over Items from 12/25/2022): 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 12/26/2022 through 12/31/2022.

CARRY OVER ITEMS FROM 12/25/2022

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	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 to be completed on 1/17/2023			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.
3/16/2022		1 (VADEQ)					1	1 VADEQ reminder on 3/16, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, 11/15, and 12/15/2022 to be completed on 1/16/2023 (This item is an extension of a 3/13/2022 Daily Punchlist Item where the VADEQ has established a reminder to extend waterbars across the entire right of way when grubbing is completed within the currently stabilized area below the waterbars)			This item is a reminder established by the VADEQ to extend waterbars across the entire right of way once grubbing activities occur within the existing stabilized area below the waterbars. This reminder will serve as an ongoing punchlist item to be extended on a monthly basis by the VADEQ until active earthmoving activities resume and the waterbars are extended across the entire length of the right of way to discharge off the right of way.

ENVIRONMENTAL INSPECTOR OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
12/26/2022		8					8			8 on 12/27/2022	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.

VADEQ OBSERVATIONS

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

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
12/29/2022	The Environmental Auditor conducted site evaluations at the following locations: MVP-PY-006, MVP-MN-281/281.01 (GAS), MVP-MN-272 (CIS/GAS), and MVP-LY-049.	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor observed perimeter sediment control measures damaged at MVP-LY-049 due to third party earth disturbance activities. The Spread H Environmental staff communicated this to the VADEQ and provided documentation within the respective SWPPP VSIRs. No environmental resources were impacted.
12/26/2022 through 12/31/2022	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 12/9/2022 regarding the Partial Bi-Weekly reporting period ending on 12/31/2022.	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	