

# Mountain Valley Pipeline Project – Spread H

## Environmental Auditor Quarterly Report for Q1 2021

### April 15, 2021

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#### Environmental Auditor Contact Information

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

#### I. Introduction

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

As required by the Virginia Erosion and Sediment Control Law (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 (VA DEQ) ESC/SWM Inspector Certifications. In addition to these Certifications, the LEI also obtained the VA DEQ 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 VA DEQ 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 VA DEQ.

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

- Montgomery, Roanoke and Franklin Counties
  - 12005+00-12544+06
  - 12638+24-12715+80
  - 12728+30-12728+74
  - 12860+00-13122+00
  - 13196+41-13415+51
  - PY-006
  - LY-049
  - MVP-RO-286

Forward construction progress occurred during this reporting period within Roanoke County in an upland geographical location at MVP-RO-286.

Inspections did not occur from January 1, 2021 through March 31, 2021, between approximate stations 12544+06-12638+24, 12715+80-12728+30, and 13122+00-13196+40 as earth disturbance activities have not commenced within these locations.

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
- 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, 2021 through March 31, 2021 (end of reporting period for Q1 2021):

- MVP Daily Punch Lists (includes VA DEQ findings);
- Environmental Auditor Bi-Weekly Reports;
- Weekly meetings with MVP staff and the Lead Environmental Inspectors (LEIs);
- Stormwater Pollution Prevention Plan VSIRs;
- Spread H LEI Spread Pipe Line Workbook and Progress Tracker Spreadsheets;
- Project 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;
- Third party complaint/report to the VA DEQ (not date provided) submitted to MVP on March 30, 2021; and
- Third party complaint submitted to the VA DEQ on March 31, 2021

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

The following sections III. through VI. provide an overall summary from January 1, 2021 through March 31, 2021 (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 at total of 138 daily punchlist items (includes carry over items from previous Bi-Weekly Reports) requiring repair/maintenance throughout the Q1 reporting period. During this reporting period, the Environmental Auditor noted 10 items identified by the EIs as ESC measures damaged due to impacts caused by third party activities related to livestock traffic, landowner traffic, unauthorized third party vehicle traffic, third party utility activities and third party law enforcement activities related to an activist group at Yellow Finch Lane/MVP-MN-278.01. One of the identified items was caused by wintry weather related impacts due to fallen trees/branches damaging the ESC measures. The ESC measures were subsequently repaired/maintained within the required timeframes and no resources were impacted.

All items provided on the punchlist for the reporting period were communicated to the Contractor Environmental staff and addressed within the required timeframes.

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, 2021 – March 31, 2021					
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 2021	*50	0	0	0	0
February 2021	*35	0	0	2	1
March 2021	*53	0	0	8	0

\* Includes Carry Over Items

The EIs conducted a total of 177 SWPPP inspections and provided respective VSIRs throughout the reporting period. Items identified during the SWPPP inspections were communicated to the Contractor Environmental staff and either addressed the same day or added to the MVP Daily Punchlist. Upon review of the SWPPP VSIRs and MVP Daily Punchlists, it appears that the EIs' observations were communicated to the contractor and noted issues were maintained/repared within the VA DEQ approved timeframe (24 hours/Three Days or as extended by DEQ authorization).

The MVP ODCP inspectors conducted weekly site inspections at Laydown Yard PY-006 from January 1, 2021 through March 31, 2021. Twenty inspections were conducted in January, nineteen inspections were conducted in February and twenty-three inspections were conducted in March.

An approximate total of 25 recordable precipitation events occurred during the Q1 reporting period. No off right of way or environmental resources were impacted 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, 2021 – March 31, 2021					
January		February		March	
Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
1/2/2021	0.5"-1.0" – 15 Hours *Rainfall occurred on 1/1/2021	2/1/2021	0.3"-1.0" – 14 Hours *Melted snowfall occurred from 1/31/2021-2/1/2021	3/1/2021	1.0"-1.5" – 64.5 Hours *Wintry Mix to Rain occurred from 2/26/2021-3/1/2021
1/4/2021	0.0"-0.3" – 11 Hours *Rainfall began on 1/3/2021	2/5/2021	0.0"-0.1" – 5 Hours *Rainfall occurred late 2/4/2021	3/2/2021	0.0"-0.2" – 2 Hours *Rainfall occurred on 3/1/2021
1/11/2021	0.1"-0.3" – 8 Hours *Melted snowfall occurred on 1/8/2021	2/8/2021	0.2"-0.4" – 9 Hours *Wintry mix occurred on 2/7/2020	3/16/2021	0.0"-0.1" – 9 Hours *Rainfall began late 3/15/2021
1/16/2021	0.1"-0.4" – 6 Hours *Wintry mix occurred on 1/15/2021	2/12/2021	0.3"-0.9" – 22 Hours *Wintry mix began on 2/11/2021	3/18/2021	0.2"-0.8" – 11 Hours *Rainfall began late 3/17/2021

Spread H Rainfall and Duration Rates: January 1, 2021 – March 31, 2021					
January		February		March	
Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
1/18/2021	0.0"-0.2" – 2 Hours *Melted snowfall	2/15/2021	0.3"-1.0" – 65 Hours *Wintry mix occurred from 2/12/2021-2/15/2021	3/19/2021	0.4"-1.3" – 24 Hours *Rainfall began on 3/18/2021
1/26/2021	1.5"-2.2" – 21 Hours *Rainfall occurred from 1/25/2021-1/26/2021	2/16/2021	0.3"-0.8" – 4.5 Hour *Rainfall occurred late 2/15/2021	3/24/2021	0.2"-0.7" – 13.25 Hours *Rainfall began on 3/23/2021
1/27/2021	0.0"-0.1" – 2 Hours *Rainfall occurred on 1/26/2021	2/19/2021	0.6"-1.1" – 5 Hours *Wintry mix occurred on 2/18/2021	3/26/2021	0.5"-0.6" – 9 Hours *Rainfall occurred on 3/25/2021
1/28/2021	0.2"-0.5" – 21 Hours *Melted snowfall occurred from 1/27/2021-1/28/2021	2/23/2021	0.1"-0.3" – 4.5 Hours *Rainfall occurred on 2/22/2021	3/28/2021	0.6"-1.5" – 19 Hours *Rainfall began on 3/27/2021
				3/29/2021	0.2"-0.4" – 4.5 Hours *Rainfall occurred on 3/28/2021

#### IV. Quarterly Summary of VA DEQ Observations

Per Table H-1C, the VA DEQ Inspectors observed a total of 30 items requiring repair/maintenance throughout the Q1 reporting period. One of the identified items was caused by third party impacts related to landowner traffic. All items provided on the punchlist for the reporting period were communicated to the Contractor Environmental staff and addressed within the required timeframes.

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 VA DEQ Inspectors throughout the Q1 reporting period:

Table H-1C

Spread H VADEQ Observations: January 1, 2021 – March 31, 2021					
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 2021	10	0	0	0	0
February 2021	7	0	0	1	0
March 2021	13	0	0	0	0

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

1. A third party complaint by the Mountain Valley Watch to the VA DEQ was submitted to MVP on March 30, 2021. The report narrative alleges areas of "inadequate/sparse soil cover", off right of way sediment impacts and a slip within the right of way. The photo log which serves as the basis for the report was developed via aerial photos taken from a manned aircraft. The MVP Environmental staff continues to conduct daily inspections in addition to the required SWPPP inspections. The Environmental Auditor conducted evaluations throughout the locations noted in the Complainant report and observed areas where stabilization meets coverage requirements along with soil stabilization blanket installed as part of the temporary stabilization regime. The ESC measures throughout the evaluated areas appeared to be installed and functional with no offsite or resource impacts. The slip noted in the report, which occurred near approximate MP 250.8, is contained within the right of way and enhanced ESC measures have been installed and are maintained at the toe of the slope. This location has been evaluated by a Geotech and slip mitigation plans are being developed. The VA DEQ is aware of this location and communication on the repair status occurs on a weekly basis. MVP is in the process of drafting a formal response letter.

2. A third party complaint was submitted to the VA DEQ on March 31, 2021. The complainant cited "multiple failures of erosion and sediment controls" including "new erosion and sediment control failure". The complainant further alleges that "sediment filled water went through and under" the erosion and sediment controls along the access road impacting nearby off right of way resources. Based on communication with the Spread H Environmental Inspection staff, inspections were conducted during the recent rainfall events and all ESC measures were properly installed and functional. MVP is also in the process of installing new gravel along the access road.

Due to recent third party law enforcement activities conducted at Yellow Finch Lane the week of March 22, 2021, the Environmental Auditor met with the Spread H contractor and Environmental Inspection staff on March 26, 2021. The Environmental Auditor observed repair/maintenance activities occurring and provided additional recommendations to install additional measures (enhancements).

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

Per Table H-1D, the Environmental Auditor conducted 43 site evaluations during the Q1 reporting period and observed locations where ESC measures required repair/maintenance and provided recommendations to enhance existing or install additional ESC measures as necessary to minimize erosion and sediment impacts. During the reporting period, the Environmental Auditor evaluated the ESC and PCSM measures throughout the project for proper installation and functionality.

The Environmental Auditor communicated observations and recommendations with the Spread H LEI and MVP staff. Repair/Maintenance items were added to the respective MVP Daily Punchlists and those items were addressed within the required timeframes. The Environmental Auditor provided additional recommendations as necessary to install (enhance) additional ESC measures as needed.

Recommendations and guidance entailed temporary stabilization measures to minimize erosive conditions. During the ESC installation activities, the Spread H Environmental Inspection staff and contractor communicated with the Environmental Auditor as needed to ensure proper installation was achieved. The Spread H Environmental Inspection staff and Environmental Auditor continue to monitor locations where additional ESC measures may need to be installed as necessary. The Environmental Auditor recommends that the MVP EIs continue to monitor areas where potential issues may result in accelerated erosion and offsite sedimentation and implement the appropriate ESC measures as necessary.

The Environmental Auditor continues to communicate with the MVP staff and Environmental Inspection staff on a weekly basis. Discussions entail project feedback and recommendations/guidance to maintain compliance.

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**

<b>Environmental Auditor Field Observations: January 1, 2021 – March 31, 2021</b>	
<b>Month</b>	<b>Total Observations</b>
January 2021	14
February 2021	12
March 2021	17

**VII. Conclusion(s)**

Per Section IV. (b) (1) of the Consent Decree, the Environmental Auditor conducted site evaluations, evaluated Daily Punchlists, VSIR/SWPPP reports and communicated with the MVP staff and Lead Environmental Inspector/Environmental Inspectors 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, were sufficient to regularly and consistently conduct routine maintenance and/or repair ineffective ESC measures in a timely manner throughout the Q1 reporting period.

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 DEQ is aware, there are instances noted in the Q4 2019 through Q4 2020 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: 1/10/2021  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS										
Total Number of SWPPP Inspections: <b>27</b> conducted from 12/28/2020 through 1/10/2021 (includes PY-006): <b>Holiday on 1/1/2021</b>										
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 12/28/2020 through 1/10/2021 (includes Carry Over Items from 12/27/2020): <b>29</b>										
Total Number of ODCP Inspections at Laydown Yard PY-006 : <b>4</b> (12/28/2020 through 12/31/2020); <b>5</b> (1/4/2021 through 1/8/2021): <b>Holiday on 1/1/2021</b>										
Total Number of VA DEQ Observations from 12/28/2020 through 1/10/2021: <b>3</b>										
Total Number of Landowner/Third Party Reported Complaints: <b>0</b>										
Total Number of Right of Way Impacts Caused by Third Parties: <b>0</b>										
Total Number of Off Right of Way Impacts: <b>0</b>										
Total Number of Environmental Resource Impacts: <b>0</b>										
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: <b>0</b>										
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 12/28/2020 through 1/10/2021.										
CARRY OVER ITEMS FROM 12/27/2020										
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	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 1/6/2021 to be completed on 1/14/2020			Engineering design being prepared for slide impact area. 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 THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
12/28/2020		5				5			5 on 12/28/2020	Five items were identified requiring repair/maintenance and completed within the required timeframe.
12/29/2020		3				3			3 on 12/29/2020	Three items were identified requiring repair/maintenance and completed within the required timeframe.
1/4/2021		3				3		1 on 1/4/2021	2 on 1/5/2021	Three items were identified requiring repair/maintenance and completed within the required timeframe.
1/5/2021		2				2			1 on 1/5/2021 1 on 1/6/2021	Two items were identified requiring repair/maintenance and completed within the required timeframe.
1/6/2021		10				10		1 on 1/7/2021	7 on 1/6/2021 2 on 1/7/2021	Ten items were identified requiring repair/maintenance and completed within the required timeframe.
1/7/2021		4				4			4 on 1/7/2021	Four items were identified requiring repair/maintenance and completed within the required timeframe.
1/8/2021		1				1			1 on 1/8/2021	One item was identified requiring 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 THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
12/28/2020		1				1			1 on 12/28/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.
1/6/2021		2				2			2 on 1/7/2021	Two items were identified requiring repair/maintenance and completed within the required timeframe.

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
1/7/2021	The Environmental Auditor conducted site evaluations at MVP-RO-281, MVP-RO-288 (CIS/GAS) and MVP-RO-287 (CIS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the MVP LEI regarding observations and recommendations where ESC measures required maintenance/repair.	
12/28/2020 through 1/10/2021	The Environmental Auditor reviewed and noted 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 concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread H Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread H Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		



Report Period Ending: 1/24/2021  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS										
Total Number of SWPPP Inspections: 31 conducted from 1/11/2021 through 1/24/2021 (includes PY-006)										
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 1/11/2021 through 1/24/2021 (includes Carry Over Items from 1/10/2021): 19										
Total Number of ODCP Inspections at Laydown Yard PY-006 : 5 (1/10/2021 through 1/15/2021); 5 (1/18/2021 through 1/22/2021)										
Total Number of VA DEQ Observations from 1/11/2021 through 1/24/2021: 7										
Total Number of Landowner/Third Party Reported Complaints: 0										
Total Number of Right of Way Impacts Caused by Third Parties: 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 1/11/2021 through 1/24/2021.										
CARRY OVER ITEMS FROM 1/10/2021										
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY 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 1/6/, 1/13 and 1/20/2021 to be completed on 1/28/2020			Engineering design being prepared for slide impact area. 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 THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
1/11/2021	0.1"-0.3" - 8 Hours *Snow showers occurred on 1/8/2021 and eventually melted	5				5			5 on 1/12/2021	Five items were identified requiring repair/maintenance and completed within the required timeframe.
1/12/2021		1				1			1 on 1/12/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
1/13/2021		1				1			1 on 1/14/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
1/14/2021		3				3			1 on 1/14/2021 2 on 1/15/2021	Three items were identified requiring repair/maintenance and completed within the required timeframe.
1/21/2021		8				8		1 on 1/22/2021	2 on 1/21/2021 5 on 1/22/2021	Eight items were identified requiring 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 THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
1/14/2021		2				2		1 on 1/14/2021 1 on 1/15/2021		Two items were identified requiring repair/maintenance and completed within the required timeframe.
1/21/2021		5				5		1 on 1/22/2021	4 on 1/22/2021	Five items were identified requiring repair/maintenance and completed within the required timeframe.

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
1/13/2021	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-268/268.01 (GAS), MVP-MN-270.01 (CIS) and Bradshaw Road (GAS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations.	
1/18/2021	The Environmental Auditor conducted site evaluations at MVP-RO-286 and Webster Corner Road (CIS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the MVP Environmental team regarding observations and recommendations where enhanced erosion and sediment control measures should be installed.	
1/19/2021	The Environmental Auditor conducted a site evaluation at MVP-RO-286.	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the MVP Environmental team regarding observations and recommendations where enhanced erosion and sediment control measures should be installed.	
1/20/2021	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-281, MVP-RO-287 (CIS) and MVP-RO-288 (CIS/GAS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations.	
1/22/2021	The Environmental Auditor conducted a site evaluation at MVP-RO-286.	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the MVP Environmental team regarding observations and recommendations where enhanced erosion and sediment control measures should be installed.	
1/11/2021 through 1/24/2021	The Environmental Auditor reviewed and noted 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 concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread H Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, 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: 2/7/2021  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS										
Total Number of SWPPP Inspections: 26 conducted from 1/25/2021 through 2/7/2021 (includes PY-006)										
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 1/25/2021 through 2/7/2021 (includes Carry Over Items from 1/24/2021): 11										
Total Number of ODCP Inspections at Laydown Yard PY-006 : 5 (1/25/2021 through 1/29/2021); 5 (2/1/2021 through 2/5/2021)										
Total Number of VA DEQ Observations from 1/25/2021 through 2/7/2021: 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 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 1/25/2021 through 2/7/2021.										
CARRY OVER ITEMS FROM 1/24/2021										
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY 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 and 2/3/2021 to be completed on 2/11/2021			Engineering design being prepared for slide impact area. 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 THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
1/25/2021		1				1			1 on 1/25/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
1/26/2021	1.5"-2.2" - 21 Hours *Rainfall began on 1/25/2021	3				3			3 on 1/27/2021	Three items were identified requiring repair/maintenance and completed within the required timeframe.
1/27/2021	0.0"-0.1" - 2 Hours *Rainfall occurred on 1/26/2021	4				4			4 on 1/29/2021	Four items were identified requiring repair/maintenance and completed within the required timeframe.
1/29/2021		1				1			1 on 1/29/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
2/1/2021	0.3"-1.0" - 14 Hours (Melted Precip.) *Snow showers occurred from 1/30/2021 through 1/31/2021	1				1		1 on 2/1/2021		One item was identified requiring 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 THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
1/27/2021	0.0"-0.1" - 2 Hours *Rainfall occurred on 1/26/2021	1				1			1 on 1/29/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
2/5/2021	0.0"-0.1" - 5 Hours *Rainfall began late on 2/4/2021	1				1			1 on 2/5/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
1/25/2021	The Environmental Auditor conducted a site evaluation at MVP-MN-286.	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the MVP Environmental team regarding observations and recommendations where enhanced erosion and sediment control measures should be installed.	
1/25/2021 through 2/7/2021	The Environmental Auditor reviewed and noted 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 concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread H Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, 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: 2/21/2021  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 29 conducted from 2/8/2021 through 2/21/2021 (includes PY-006). Inspections were not conducted on 2/18/2021 due to safety concerns related to a winter weather event. Notification was provided to the VA DEQ and the required inspections were completed on 2/19/2021.											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 2/8/2021 through 2/21/2021 (includes Carry Over Items from 2/7/2021):18											
Total Number of ODCP Inspections at Laydown Yard PY-006 : 5 (2/8/2021 through 2/12/2021); 4 (2/15/2021-2/17/2021 and 2/19/2021 ): Inspections were not conducted on 2/18/2021 due to safety concerns related to a winter weather event.											
Total Number of VA DEQ Observations from 2/8/2021 through 2/21/2021: 6											
Total Number of Landowner/Third Party Reported Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 2 (Landowner Traffic)											
Total Number of Right of Way Impacts Caused by Weather Related Damage: 1											
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 2/8/2021 through 2/21/2021.											
CARRY OVER ITEMS FROM 2/7/2021											
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/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 and 2/17/2021 to be completed on 2/25/2021			Engineering design being prepared for slide impact area. 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
2/8/2021	0.2"-0.4" - 9 Hours *Rain/Snow mix occurred from 2/6/2021 to 2/7/2021	1					1			1 on 2/9/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
2/9/2021		2					2			2 on 2/9/2021	Two items were identified requiring repair/maintenance and completed within the required timeframe.
2/10/2021		1					1			1 on 2/10/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
2/11/2021		5				1	4			5 on 2/11/2021	Five items were identified requiring repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to landowner activities.
2/15/2021	0.5"-1.0" - 65 Hours *Wintery Mix occurred from 2/12/2021-2/15/2021	5			1		4			5 on 2/15/2021	Five items were identified requiring repair/maintenance and completed within the required timeframe. One of the identified items was caused by weather related damage due to a fallen tree.
2/16/2021	0.3"-0.8" - 5 Hours *Rainfall occurred late 2/15/2021	2					2			2 on 2/16/2021	Two items were identified requiring repair/maintenance and completed within the required timeframe.
2/17/2021		1					1			1 on 2/17/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
2/8/2021	0.2"-0.4" - 9 Hours *Rain/Snow mix occurred from 2/6/2021 to 2/7/2021	2					2		2 on 2/8/2021		Two items were identified requiring repair/maintenance and completed within the required timeframe.
2/9/2021		2				1	1		2 on 2/9/2021		Two items were identified requiring repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to landowner traffic.
2/15/2021	0.5"-1.0" - 65 Hours *Wintery Mix occurred from 2/12/2021-2/15/2021	2					2			2 on 2/15/2021	Two items were identified requiring 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	
2/9/2021	The Environmental Auditor conducted a site evaluations at the following locations: MVP-RO-288 (CIS/GAS); MVP-RO-287 (CIS) and MVP-RO-281.	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the MVP Environmental team regarding observations and recommendations where enhanced erosion and sediment control measures should be installed.	
2/10/2021	The Environmental Auditor conducted a site evaluations at the following locations: MVP-RO-281; MVP-RO-286; MVP-AR-028 and MVP-MN-273.	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations.	
2/16/2021	The Environmental Auditor conducted a site evaluations at MVP-RO-288 (CIS/GAS) and MVP-RO-287 (CIS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor continues to monitor locations where enhanced erosion and sediment control measures have been recommended to the MVP Environmental team upon favorable weather and site conditions.	
2/8/2021 through 2/21/2021	The Environmental Auditor reviewed and noted 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 concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread H Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, 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: 3/7/2021  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 26 conducted from 2/22/2021 through 3/7/2021 (includes PY-006).											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 2/22/2021 through 3/7/2021 (includes Carry Over Items from 2/21/2021): 22											
Total Number of ODCP Inspections at Laydown Yard PY-006 : 5 (2/22/2021 through 2/26/2021); 5 (3/1/2021 through 3/5/2021)											
Total Number of VA DEQ Observations from 2/22/2021 through 3/7/2021: 3											
Total Number of Landowner/Third Party Reported Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 1 (Livestock Traffic)											
Total Number of Right of Way Impacts Caused by Weather Related Damage: 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 2/22/2021 through 3/7/2021.											
CARRY OVER ITEMS FROM 2/21/2021											
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/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 and 3/3/2021 to be completed on 3/10/2021			Engineering design being prepared for slide impact area. 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
2/23/2021	0.1"-0.3" - 4.5 Hours *Rainfall occurred on 2/22/2021	2					2			1 on 2/23/2021 1 on 2/24/2021	Two items were identified requiring repair/maintenance and completed within the required timeframe.
2/24/2021		8					8			6 on 2/24/2021 2 on 2/25/2021	Eight items were identified requiring repair/maintenance and completed within the required timeframe.
2/25/2021		3				1	2			2 on 2/25/2021 1 on 2/26/2021	Three items were identified requiring repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to livestock traffic.
2/26/2021		2					2			2 on 2/26/2021	Two items were identified requiring repair/maintenance and completed within the required timeframe.
3/1/2021	1.0"-1.5" - 62.5 Hours *Wintry Mix to Rain occurred from 2/26/2021 to 3/1/2021	1					1			1 on 3/1/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
3/2/2021	0.0"-0.2" - 2 Hours *Light rainfall occurred on 3/1/2021	1					1			1 on 3/2/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
3/5/2021		4					4		1 on 3/5/2021	3 on 3/5/2021	Four items were identified requiring repair/maintenance and completed within the required timeframe.
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
3/1/2021	1.0"-1.5" - 62.5 Hours *Wintry Mix to Rain occurred from 2/26/2021 to 3/1/2021	3					3			3 on 3/1/2021	Three items were identified requiring 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	
2/24/2021	The Environmental Auditor conducted a site evaluations at the following locations: MVP-RO-288 (CIS/GAS); MVP-RO-287 (CIS/GAS) and MVP-FR-290 (GAS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations.	
3/2/2021	The Environmental Auditor conducted a site evaluations at the following locations: MVP-RO-283; MVP-RO-286 and Bottom Creek Road.	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. Timber clearing operations have been initiated at MVP-RO-283 to Bottom Creek Road.	
3/3/2021	The Environmental Auditor conducted a site evaluations at the following locations: MVP-RO-286; MVP_FR-291 (GAS) and Flanders Road (CIS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations.	
2/22/2021 through 3/7/2021	The Environmental Auditor reviewed and noted 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 concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread H Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, 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: 3/21/2021  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 29 conducted from 3/8/2021 through 3/21/2021 (includes PY-006).											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 3/8/2021 through 3/21/2021 (includes Carry Over Items from 3/7/2021): 28											
Total Number of ODCP Inspections at Laydown Yard PY-006 : 5 (3/8/2021 through 3/12/2021); 5 (3/15/2021 through 3/19/2021)											
Total Number of VA DEQ Observations from 3/8/2021 through 3/21/2021: 5											
Total Number of Landowner/Third Party Reported Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 2 (Third party utility work and Unauthorized vehicle traffic)											
Total Number of Right of Way Impacts Caused by Weather Related Damage: 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 3/8/2021 through 3/21/2021.

**CARRY OVER ITEMS FROM 3/7/2021**

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/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 and 3/17 to be completed on 3/25/2021			Engineering design being prepared for slide impact area. Long term extension approval has been granted.

**ENVIRONMENTAL INSPECTOR OBSERVATIONS**

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
3/8/2021		5					5			2 on 3/8/2021 3 on 3/9/2021	Five items were identified requiring repair/maintenance and completed within the required timeframe.
3/9/2021		1					1			1 on 3/9/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
3/10/2021		3					3			1 on 3/10/2021 2 on 3/11/2021	Three items were identified requiring repair/maintenance and completed within the required timeframe.
3/11/2021		4				2	2			2 on 3/11/2021 2 on 3/12/2021	Four items were identified requiring repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to third party utility work and unauthorized third party vehicle damage.
3/12/2021		2					2			2 on 3/12/2021	Two items were identified requiring repair/maintenance and completed within the required timeframe.
3/16/2021	0.0"-0.1" - 9 Hours *Rainfall occurred late 3/15/2021 through early 3/16/2021	2					2			2 on 3/16/2021	Two items were identified requiring repair/maintenance and completed within the required timeframe.
3/17/2021		6					6			4 on 3/17/2021 2 on 3/18/2021	Six items were identified requiring repair/maintenance and completed within the required timeframe.
3/18/2021	0.2"-0.8" - 11 Hours *Rainfall occurred late 3/17/2021 through early 3/18/2021	3					3			3 on 3/18/2021	Three items were identified requiring repair/maintenance and completed within the required timeframe.
3/19/2021	0.4"-1.3" - 24 Hours *Rainfall began on 3/18/2021	1					1			1 on 3/19/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.

VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
3/9/2021		4					4		1 on 3/10/2021	3 on 3/10/2021	Four items were identified requiring repair/maintenance and completed within the required timeframe.
3/11/2021		1					1		1 on 3/12/2021		One item was identified requiring 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				
3/8/2021	The Environmental Auditor conducted a site evaluation at MVP-MN-268/268.01.						The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluation.				
3/10/2021	The Environmental Auditor conducted a site evaluations at the following locations: MVP-RO-288, MVP-RO-287, MVP-RO-281 and Honeysuckle Road (CIS).						The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations related to ESC measures repair/maintenance activities.				
3/17/2021	The Environmental Auditor conducted a site evaluations at the following locations: MVP-RO-281.01, MVP-RO-283, MVP-RO-288, MVP-RO-287 and Wades Gap Road (GAS).						The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor accompanied the MVP Environmental team to conduct onsite evaluations in preparation for upcoming construction activities.				
3/8/2021 through 3/21/2021	The Environmental Auditor reviewed and noted 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 concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread H Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, 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: 3/31/2021  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: **22** conducted from 3/22/2021 through 3/31/2021 (includes PY-006).

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 3/22/2021 through 3/31/2021(includes Carry Over Items from 3/21/2021): **19**

Total Number of ODCP Inspections at Laydown Yard PY-006 : **5** (3/22/2021 through 3/26/2021); **3** (3/29/2021 through 3/31/2021)

Total Number of VA DEQ Observations from 3/22/2021 through 3/31/2021: **5**

Total Number of Landowner/Third Party Reported Complaints: **2** (1. A third party complaint by the Mountain Valley Watch to the VA DEQ was submitted to MVP on 3/30/2021. The report narrative alleges areas of "inadequate/sparse soil cover", off right of way sediment impacts and a slip within the right of way. The photo log which serves as the basis for the report was developed via aerial photos taken from a manned aircraft. The MVP Environmental team continues to conduct daily inspections in addition to the required SWPPP inspections. The Environmental Auditor conducted evaluations throughout the locations noted in the Complainant report and observed areas where stabilization meets coverage requirements along with soil stabilization blanket installed as part of the temporary stabilization regime. The ESC measures throughout the evaluated areas appeared to be installed and functional with no offsite or resource impacts. The slip noted in the report, which occurred near approximate MP 250.8 is contained within the right of way and enhanced ESC measures have been installed and are maintained at the toe of the slope. This location has been evaluated by a Geotech and slip mitigation plans are being developed. The VA DEQ is aware of this location and communication on the repair status occurs on a weekly basis. MVP is in the process of drafting a formal response letter. 2. A third party complaint was submitted to the VA DEQ on March 31, 2021. The complainant cited "multiple failures of erosion and sediment controls" including "new erosion and sediment control failure". The complainant further alleges that "sediment filled water went through and under" the erosion and sediment controls along the access road impacting nearby off right of way resources. Based on communication with the Spread H Environmental Inspection staff, inspections were conducted during the recent rainfall events and all ESC measures were properly installed and functional. MVP is also in the process of installing new gravel along the access road. Due to recent third party law enforcement activities conducted at Yellow Finch Lane the week of March 22, 2021, the Environmental Auditor met with the Spread H contractor and Environmental Inspection team on March 26, 2021. The Environmental Auditor observed repair/maintenance activities occurring and provided additional recommendations to install additional measures/enhancements).

Total Number of Right of Way Impacts Caused by Third Parties: **6** (Landowner, Unauthorized vehicle traffic and Third party law enforcement activities related to activist group)

Total Number of Right of Way Impacts Caused by Weather Related Damage: **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 3/22/2021 through 3/31/2021.

CARRY OVER ITEMS FROM 3/21/2021

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/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 and 3/31/2021 to be completed on 4/8/2021			Engineering design being prepared for slide impact area. Long term extension approval has been granted.

ENVIRONMENTAL INSPECTOR OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
3/24/2021	0.2"-0.7" - 13.25 Hours *Rainfall occurred from 3/23/2021-3/24/2021	3					3			3 on 3/24/2021	Three items were identified requiring repair/maintenance and completed within the required timeframe.
3/25/2021		6				5	1		1 on 3/25/2021	4 on 3/25/2021 1 on 3/26/2021	Six items were identified requiring repair/maintenance and completed within the required timeframe. Four of the identified items were caused by third party impacts related to third party vehicle and equipment traffic utilized to remove unauthorized activists and trash/debris from activists. One of the identified items was related to third party impacts related to landowner traffic.
3/29/2021	0.8"-1.8" - 24 Hours *Rainfall occurred 3/27/2021 through 3/28/2021	1					1			1 on 3/29/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
3/30/2021		5					5			2 on 3/30/2021 3 on 3/31/2021	Five items were identified requiring repair/maintenance and completed within the required timeframe.
3/31/2021		3				1	2				Three items were identified requiring repair/maintenance and have three days to be completed to meet the required timeframe. One of the identified items was caused by third party impacts related to unauthorized vehicular disturbance.

VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
3/24/2021	0.2"-0.7" - 13.25 Hours *Rainfall occurred from 3/23/2021-3/24/2021	1					1			1 on 3/25/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
3/26/2021	0.5"-0.6" - 9 Hours *Rainfall occurred on 3/25/2021	1					1			1 on 3/26/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
3/29/2021	0.8"-1.8" - 24 Hours *Rainfall occurred 3/27/2021 through 3/28/2021	1					1			1 on 3/30/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
3/30/2021		1					1			1 on 3/31/2021	One item was identified requiring repair/maintenance and completed within the required timeframe.
3/31/2021		1					1				One item was identified requiring repair/maintenance and has three days to be completed to meet the required timeframe.
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS											
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE						TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
January 2021	MP 249.9 - 250.8						3 Photos related to Vegetative Cover and ESC Measures			A third party complaint by the Mountain Valley Watch to the VA DEQ was submitted to MVP on March 30, 2021. The report narrative alleges areas of "inadequate/sparse soil cover", off right of way sediment impacts and a slip within the right of way. The photo log which serves as the basis for the report was developed via aerial photos taken from a manned aircraft. The MVP Environmental team continues to conduct daily inspections in addition to the required SWPPP inspections. The Environmental Auditor conducted evaluations throughout the locations noted in the Complainant report and observed areas where stabilization meets coverage requirements along with soil stabilization blanket installed as part of the temporary stabilization regime. The ESC measures throughout the evaluated areas appeared to be installed and functional with no offsite or resource impacts. The slip noted in the report, which occurred near approximate MP 250.8 is contained within the right of way and enhanced ESC measures have been installed and are maintained at the toe of the slope. This location has been evaluated by a Geotech and slip mitigation plans are being developed. The VA DEQ is aware of this location and communication on the repair status occurs on a weekly basis. MVP is in the process of drafting a formal response letter.	
3/31/2021	Yellow Finch Lane/MVP-MN-278.01						1			A third party complaint was submitted to the VA DEQ on March 31, 2021. The complainant cited "multiple failures of erosion and sediment controls" including "new erosion and sediment control failure". The complainant further alleges that "sediment filled water went through and under" the erosion and sediment controls along the access road impacting nearby off right of way resources. Based on communication with the Spread H Environmental Inspection staff, inspections were conducted during the recent rainfall events and all ESC measures were properly installed and functional. MVP is also in the process of installing new gravel along the access road. Due to recent third party law enforcement activities conducted at Yellow Finch Lane the week of March 22, 2021, the Environmental Auditor met with the Spread H contractor and Environmental Inspection team on March 26, 2021. The Environmental Auditor observed repair/maintenance activities occurring and provided additional recommendations to install additional measures (enhancements).	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS						CONCLUSION AND RECOMMENDATIONS				
3/24/2021	The Environmental Auditor conducted a site evaluations at the following locations: MVP-RO-288, MVP-RO-287 and Webster Corner Road (CIS).						The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluation.				
3/25/2021	The Environmental Auditor conducted a site evaluations at Yellow Finch Road/MVP-MN-278.01.						The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI and EI regarding observations and recommendations related to ESC measures repair/maintenance activities due to third party impacts related to third party extraction activities and unauthorized trespassing on the right of way by an activist group.				
3/22/2021 through 3/31/2021	The Environmental Auditor reviewed and noted 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 concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread H Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, 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										