



Mountain Valley Pipeline Project – Spread I

Environmental Auditor Quarterly Report for Q1 2021

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Environmental Auditor Contact Information

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I. Introduction

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

As required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity, MVP has developed Annual Project Specific Standards and Specifications to identify means and methods for controlling erosion and sediment during construction and post construction. MVP currently has Inspection Staff requirements on the Spread I Project to include a Lead Environmental Inspector (LEI) and a staff of Environmental Inspectors (EIs). The LEI/EIs obtained the Virginia 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 with 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 I EIs currently conduct inspections for the following geographical locations:

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

No forward construction progress occurred during this reporting period throughout Spread I.

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:

- | | |
|---------------------|---------------------|
| ▪ 13423+00-13496+62 | ▪ 14547+02-14550+48 |
| ▪ 13497+12-13526+00 | ▪ 14616+75-14657+24 |
| ▪ 13530+87-13541+51 | ▪ 14806+16-14830+80 |
| ▪ 13562+88-13575+01 | ▪ 15103+58-15103+84 |
| ▪ 13575+42-13632+41 | ▪ 15144+54-15146+31 |
| ▪ 13644+97-13655+63 | ▪ 15181+09-15209+98 |
| ▪ 13738+72-13746+56 | ▪ 15210+56-15220+86 |
| ▪ 13915+75-13949+24 | ▪ 15221+36-15259+00 |
| ▪ 14010+91-14018+16 | ▪ 15353+48-15370+25 |
| ▪ 14153+54-14171+11 | |

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 I Rain Gauge Data;
- Spread I Scatter Sheets (Contractor Available Resources and Daily Work Locations);
- Annual Project Specific Standards and Specifications;
- Oil Discharge Contingency Plan (ODPC) Inspection Reports;
- Storm Water Pollution Prevention Plans (SWPPPs), Erosion and Sediment Control (E&SC) Plans and Post Construction Stormwater Management (SWM) Plans;
- Third party complaint/report to the VA DEQ dated February 26, 2021; and
- Third party complaint/report to the VA DEQ (no dated) submitted to MVP on March 30, 2021

The Environmental Auditor also relied on assistance and information from the MVP staff, MVP Spread I 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 I-1A, the EIs observed a total of 817 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 116 items identified by the EIs as ESC measures damaged due to impacts caused by third party activities related to cattle traffic, wildlife traffic, agricultural activities, landowner activities, unauthorized vehicle traffic, third party logging activities and unauthorized third party energy project traffic.

Forty-six of the identified items were 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 I-1A provides a summary of maintenance/repair items identified by the EIs throughout the Q1 reporting period:

Table I-1A

Spread I 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	*178	0	0	39	0
February 2021	*339	0	0	34	43
March 2021	*300	0	0	43	3

* Includes Carry Over Items from previous Bi-Weekly Reports

The EIs conducted a total of 452 SWPPP inspections and provided respective VSIRs throughout the Q1 reporting period. Items identified during the SWPPP inspections were communicated to the Contractor Environmental staff and either addressed the same day and/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 DEQ approved timeframe (24 hours/Three Days or as extended by DEQ authorization).

The MVP ODCP inspectors conducted weekly site inspections at Laydown Yard 045/046 from January 1, 2021 through March 31, 2021. Twenty-one inspections were conducted in January, twenty inspections were conducted in February and twenty-eight inspections were conducted in March.

An approximate total of 20 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 I EIs, the following Table I-1B provides a summary of monthly recorded rainfall dates, amounts based on lowest to highest rates, and estimated duration for each event throughout the Q1 reporting period:

Table I-1B

Spread I 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	0.1"-1.8" – 6 Hours *Rainfall occurred on 1/1/2021	2/1/2021	0.2"-0.6" – 10 Hours *Wintry mix occurred on 1/27/2021 Snowfall – 3"-5"	3/1/2021	0.2"-0.4" – 8 Hours
1/4/2021	0.0"-0.5" – 3 Hours *Rainfall occurred on 1/3/2021	2/5/2021	0.0"-0.2" – 4 Hours *Rainfall occurred on 2/4/2021	3/16/2021	0.0"-0.2" – 8 Hours *Rainfall occurred on 3/15/2021
1/15/2021	0.0"-0.3" – 2 Hours	2/8/2021	0.2"-0.8" – 6 Hours *Wintry mix occurred on 2/6/2021 Snowfall – 1"-3"	3/19/2021	1.4"-2.0" – 24 Hours *Rainfall occurred from 3/18/2021-3/19/2021
1/26/2021	0.4"-1.4" – 12 Hours *Rainfall occurred on 1/25/2021	2/12/2021	0.3"-0.8" – 10 Hours	3/24/2021	0.0"-1.2" – 4 Hours *Rainfall occurred on 3/23/2021
1/28/2021	0.2"-0.5" – 8 Hours *Wintry mix occurred on 1/27/2020 Snowfall – 1"-3"	2/15/2021	0.2"-2.0" – 12 Hours *Wintry mix occurred 2/12/2021-2/13/2021	3/26/2021	0.1"-0.4" – 6 Hours *Rainfall occurred on 3/25/2021

Spread I 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
		2/16/2021	0.2"-1.0" – 4 Hours *Rainfall occurred on 2/15/2021	3/29/2021	0.3"-0.7" – 24 Hours *Rainfall began from 3/27/2021 through 3/28/2021
		2/19/2021	0.2"-0.8" – 12 Hours *Wintry Mix occurred on 2/18/2021		
		2/23/2021	0.1"-0.9" – 4 Hours *Rainfall occurred on 2/22/2021		
		2/28/2021	0.6"-0.8" – 18 Hours *Intermittent Rainfall occurred from 2/26/2021-2/28/2021		

IV. Quarterly Summary of VA DEQ Observations

Per Table I-1C, the VA DEQ Inspectors observed a total of 54 items requiring repair/maintenance throughout the Q1 reporting period. During this reporting period, the Environmental Auditor noted one item identified by the DEQ as ESC measures damaged caused by third party activities 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 I-1C provides a summary of maintenance/repair items identified by the VA DEQ Inspectors throughout the Q1 reporting period:

Table I-1C

Spread I 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	21	0	0	0	0
February 2021	20	0	0	0	0
March 2021	13	0	0	1	0

V. Quarterly Summary of Landowner/Third Party Issues

1. A third party complaint/report was submitted to VA DEQ on February 26, 2021. The report narrative alleged areas of "inadequate soil cover and slips in the pipeline right of way" and one photo within the report cited a BMP maintenance issue. Documentation within the report noted third party activities not affiliated with the MVP Pipeline project. 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 ESC measures throughout the right of way are repaired/maintained and enhanced as needed based on daily punch lists. The Environmental Auditor conducted evaluations throughout portions of the locations noted in the complainant report and observed areas where stabilization meets coverage requirements along with areas where straw mulch has degraded or displaced via wind/runoff and vegetation has not become established. The ESC measures throughout the evaluated areas appeared to be installed and functional with no offsite or resource impacts. The Environmental Auditor observed aerial hydraulic seeding/mulching activities occurring at the time of the evaluations with progress continuing on a daily basis. The Environmental Auditor and the MVP Environmental staff continue to communicate and recommendations are provided by the Environmental Auditor based on observations noted during the evaluations.

2. 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" and off right of way sediment impacts. The photo log which serves as the basis for the report was developed via aerial photos taken from a manned aircraft with some photos taken towards the ground surface from the third party while physically on the right of way. The MVP Environmental staff continues to conduct daily inspections in addition to the required SWPPP inspections. The ESC measures throughout the right of way are repaired/maintained and enhanced as needed based on daily punch lists. The Environmental Auditor conducted evaluations throughout portions of the locations noted in the complainant report and observed areas where stabilization meets coverage requirements along with areas where straw mulch has degraded or displaced via wind/runoff and vegetation has not become established. The ESC measures throughout the evaluated areas appeared to be installed and functional with no offsite or resource impacts. The Environmental Auditor observed both aerial hydraulic seeding/mulching and straw mulching activities as part of the MVP ongoing temporary stabilization maintenance program. The sediment off right of way allegations are incorrect particularly within the noted waterways. The sediment deposits noted within the waterways are from natural fluvial aggradation via the sediment transport process especially during flooding events. The Environmental Auditor and the MVP Environmental staff continue to communicate and recommendations are provided by the Environmental Auditor based on observations noted during the evaluations. MVP is in the process of drafting a formal response letter.

VI. Quarterly Summary of Environmental Auditor Observations and Recommendations

Per Table I-1D, the Environmental Auditor conducted 74 site evaluations during the Q1 reporting period. The Environmental Auditor observed locations where ESC measures required repair/maintenance and provided recommendations to enhance existing or install additional ESC measures as necessary to minimize potential 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 I LEI, Contractor Environmental staff 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 recommendations for the installation of additional (enhanced) ESC measures pertaining to erosion/runoff control measures via temporary stabilization (seeding, mulching/hydraulic mulching and soil stabilization blanket) and sediment control BMPs (sediment sumps, waterbar end sumps, linear controls) to minimize the potential for accelerated erosion and resulting sediment during runoff events. Most recommendations have been addressed where necessary. The Spread I Environmental Inspection staff are monitoring locations where other recommendations were suggested for installing additional ESC measures. The recommended additional ESC measures will be installed as deemed necessary by the Spread I Environmental Inspection staff. The Environmental Auditor continues to monitor these areas.

The Environmental Auditor attended an onsite meeting on February 22, 2021 at Toshes Road with the MVP Spread I Environmental staff, Engineer, Chief, Contractor Construction Manager, and representatives from a third party solar energy project (Owner/Applicant, engineer and contractor personnel). This meeting occurred due to third party construction impacts that occurred on the MVP right of way and concerns related to potential erosion and runoff impacts to the MVP right of way due to the third party solar farm construction project. The Environmental Auditor conducted a review of the agency approved solar farm project and provided technical review comments on 3/2/2021 and 3/7/2021 to MVP and the third party Owner/Applicant. Based on discussions with the third party Owner/Applicant and MVP on 3/11/2021, it appears that the initial approved plans did not account for the MVP temporary/permanent right of way at Toshes Road (CIS/GAS) and Climax Road (GAS) and overlap occurred. The third party engineer submitted revised plans to the VA DEQ on March 24, 2021.

The Environmental Auditor continued to monitor a location on the right of way where an off right of way pond has been discharging onto the right of way during both wet and dry conditions due to the pond's primary spillway being non-functional and discharge occurring through the emergency spillway. Due to the rainfall events and volume of runoff discharged onto the project area from the off right of way pond, extension requests have been approved by the VA DEQ. The Environmental Auditor observed that the pond discharge onto the right of way ceased on March 24, 2021. An onsite meeting was held with the MVP Environmental and contractor staff to review the current conditions and repair/replacement of the ESC measures have been scheduled for the week of April 4, 2021.

During ESC installation activities, the Spread I Environmental Inspection staff communicated with the Environmental Auditor as needed to ensure proper installation was achieved. The Spread I Environmental Inspection staff and Environmental Auditor continue to monitor locations and additional ESC measures are implemented as necessary. The Environmental Auditor recommends that the MVP EIs continue to monitor areas where potential issues may result in potential 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 I-1D provides a summary of the monthly total number of observations (site evaluations) conducted by the Environmental Auditor throughout the Q1 reporting period.

Table I-1D

Environmental Auditor Field Observations: January 1, 2021 – March 31, 2021	
Month	Total Observations
January 2021	17
February 2021	25
March 2021	32

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 Lead Environmental Inspector/Environmental Inspectors and has concluded the following for the Spread I Project:

- The Best Management Practices for the Project have been implemented in accordance with MVP's Project Specific Annual Standards and Specifications, Erosion and Sediment Control Plans and Stormwater Management Plans;
- The temporary ESC measures were properly installed, inspected, and maintained; and
- All ineffective temporary ESC measures observed by the Environmental Inspectors/Environmental Auditor were repaired and ESC measures in need of routine maintenance were maintained within the timeframes required by MVP's Annual Standards and Specifications or as otherwise provided in the Consent Decree.

Based on the aforementioned observations, the resources available and deployed in the field, including EIs and the construction contractor, were sufficient to regularly and consistently conduct routine maintenance and/or repair ineffective ESC measures in a timely manner throughout the Q1 reporting period.

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 several 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: 62 conducted from 12/28/2020 through 1/10/2021 (includes Transco Interconnect Station/H-602/H-603): Holiday on 1/1/2021										
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): 76										
Total Number of ODCP Inspections at Laydown Yard 045/46 : 4 (12/28/2020 through 12/31/2020); 5 (1/4/2021 through 1/8/2021): Holiday on 1/1/2021										
Total Number of VA DEQ Observations from 12/28/2020 through 1/10/2021: 8										
Total Number of Landowner/Third Party Reported Complaints: 0										
Total Number of Right of Way Impacts Caused by Third Parties: 14 (Cattle traffic, wildlife traffic and Landowner Traffic)										
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 12/28/2020 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	2.5"-6.3" - 20 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	2				2	2 on 11/13, 11/16, 11/19 and 11/23 to be completed upon Landowner and USACOE approval. Long term extensions granted on 11/24/2020.			Two items are related to bridge repair and displaced timber mats which are awaiting ACOE and landowner approval, respectively.
11/30/2020	1.25"-3.10" - 14 Hours	2				2	2 on 12/3, 12/7, 12/10, 12/14 12/17, 12/28, 12/31/2020, 1/4/2021 and 1/7/2021.	2 on 1/7/2021 (Ext. Requests)		Two items are related to waterbar and fill slope repair. Multiple extension request approvals were granted due to saturated conditions. Temporary repairs were conducted on 12/3/2020. Both items were completed within the required timeframes via extension request approvals.
12/1/2020		1				1	1 on 12/2, 12/4, 12/7, 12/10, 12/14, 12/17, 12/28, 12/31/2020, 1/4 and 1/7/2021 to be completed on 1/11/2021.			One item is related to continued flow onto the right of way from an offsite pond discharging through the emergency spillway as the principal spillway has been non-functional. Multiple extension request approvals were granted due to saturated conditions and an off right of way pond discharging onto the right of way.
12/17/2020	0.6"-1.3" - 14 Hours *Rainfall occurred on 12/16/2020	1				1	1 on 12/18, 12/28, 12/31/2020, 1/4 and 1/7/2021 to be completed upon drier right of way conditions.		1 on 1/8/2021 (Ext. Request)	One item is related to the repair of a Clean Water Diversion (CWD) Dike where the current P-1 silt fence continues to undermine. The P-1 silt fence has been replaced within the required timeframe via extension request approvals.
ENVIRONMENTAL INSPECTOR OBSERVATIONS										
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
12/28/2020		7				7			5 on 12/28/2020 2 on 12/29/2020	Seven items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
12/29/2020		8				8		1 on 12/29/2020	4 on 12/29/2020 2 on 12/20/2020 1 on 12/31/2020	Eight items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
12/30/2020		8			4	4			4 on 12/30/2020 4 on 12/31/2020	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe. Four of the identified items were caused by third party impacts related to cattle traffic.
12/31/2020		4			1	3			4 on 12/31/2020	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to landowner traffic.
1/4/2021	0.0"-0.5" - 3 Hours *Rainfall occurred on 1/2/2021	10			7	3			9 on 1/4/2021 1 on 1/6/2021	Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe. Seven of the identified items were caused by third party impacts related to cattle traffic (2) and wildlife traffic (5).
1/5/2021		9				9			9 on 1/5/2021	Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/6/2021		11			2	9			10 on 1/6/2021 1 on 1/7/2021	Eleven items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to cattle traffic.
1/7/2021		4				4			4 on 1/7/2021	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/8/2021		9				9			7 on 1/8/2021	Nine items were identified requiring ESC repair/maintenance and 7 were completed within the required timeframe. The two remaining items have three days to be completed.

VADEQ OBSERVATIONS										
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
1/6/2021		1				1			1 on 1/6/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
1/7/2021		7				7		6 on 1/8/2021	1 on 1/8/2021	Seven items were identified requiring ESC repair/maintenance and were 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			
1/8/2021	The Environmental Auditor conducted a site evaluation at US-220 (CIS).						The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor observed the offsite pond continuing to discharge through the emergency spillway onto the right of way.			
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 I Project.						The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread I 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: 72 conducted from 1/11/2021 through 1/24/2021 (includes Transco Interconnect Station/H-602/H-603/LY)										
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): 84										
Total Number of ODCP Inspections at Laydown Yard 045/46 : 5 (1/11/2021 through 1/15/2021); 6 (1/18/2021 through 1/23/2021)										
Total Number of VA DEQ Observations from 1/11/2021 through 1/24/2021: 10										
Total Number of Landowner/Third Party Reported Complaints: 0										
Total Number of Right of Way Impacts Caused by Third Parties: 15 (Cattle traffic, Wildlife traffic, Landowner traffic, Agricultural activities and Third party logging activities)										
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	2.5"-6.3" - 20 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	2				2	2 on 11/13, 11/16, 11/19 and 11/23 to be completed upon Landowner and USACOE approval. Long term extensions granted on 11/24/2020.			Two items are related to bridge repair and displaced timber mats which are awaiting ACOE and landowner approval, respectively.
12/1/2020		1				1	1 on 12/2, 12/4, 12/7, 12/10, 12/14, 12/17, 12/28, 12/31/2020, 1/4, 1/7 and 1/14/2021. Long term extension granted on 1/14/2021			One item is related to continued flow onto the right of way from an offsite pond discharging through the emergency spillway as the principal spillway has been non-functional. Multiple extension request approvals were granted due to saturated conditions and an off right of way pond discharging onto 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 THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
1/11/2021		7			1	6			7 on 1/11/2021	Seven items were identified requiring ESC repair/maintenance and were completed within the required timeframe. One of the identified items was caused by third party impacts related to a third party logging company (non-project related).
1/12/2021		8			2	6			8 on 1/12/2021	Eight items were identified requiring ESC repair/maintenance and were completed within the required timeframe. Two of the identified items were caused by third party impacts related to cattle traffic.
1/13/2021		7				7			7 on 1/13/2021	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/14/2021		11			4	7			10 on 1/14/2021 1 on 1/15/2021	Eleven items were identified requiring ESC repair/maintenance and completed within the required timeframe. Four of the identified items were caused by third party impacts related to wildlife traffic (2), agricultural activities (1) and livestock traffic (1).
1/15/2021	0.0"-0.3" - 2 Hours	7				7	1 on 1/18/2021 to be completed on 1/21/2021		6 on 1/15/2021 1 on 1/19/2021 (Ext. Request)	Seven items were identified requiring ESC repair/maintenance and were completed within the required timeframe. One item received an extension request approval and temporary ESC measures were installed on 1/15/2021.
1/18/2021		9			2	7			7 on 1/18/2021 2 on 1/19/2021	Nine items were identified requiring ESC repair/maintenance and were completed within the required timeframe. Two of the identified items were caused by third party impacts related to wildlife traffic.
1/19/2021		11			2	9			11 on 1/19/2021	Eleven items were identified requiring ESC repair/maintenance and were completed within the required timeframe. Two of the identified items were caused by third party impacts related to wildlife traffic and landowner activities.
1/20/2021		12			1	11			12 on 1/20/2021	Twelve items were identified requiring ESC repair/maintenance and were completed within the required timeframe. One of the identified items was caused by third party impacts related to livestock traffic.
1/21/2021		4			2	2			4 on 1/21/2021	Four items were identified requiring ESC repair/maintenance and were completed within the required timeframe. Two of the identified items were caused by third party impacts related to wildlife and landowner traffic.
1/22/2021		5			1	4			4 on 1/22/2021 1 on 1/23/2021	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to agricultural activities.

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
1/13/2021		2				2			1 on 1/13/2021 1 on 1/14/2021	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/15/2021	0.0"-0.3" - 2 Hours	2				2		1 on 1/15/2021	1 on 1/15/2021	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/18/2021		3				3		2 on 1/19/2021	1 on 1/18/2021	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/20/2021		1				1			1 on 1/21/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
1/21/2021		2				2			2 on 1/21/2021	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS										
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE					TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS										
DATE OF OBSERVATION	OBSERVATIONS						CONCLUSION AND RECOMMENDATIONS			
1/11/2021	The Environmental Auditor conducted site evaluations at the following locations: Transco Interconnect Station, H-602, Chalk Level Road (GAS) and Webster Road (GAS).						The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluation.			
1/14/2021	The Environmental Auditor conducted site evaluations at Iron Ridge Road (CIS)/MVP-FR-303.01 and US-220 (CIS).						The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor observed the offsite pond at US-220 (CIS) continuing to discharge through the emergency spillway onto the right of way.			
1/18/2021	The Environmental Auditor conducted site evaluations at Cahas Mountain Road #1 (GAS)/MVP-FR-293.02 and Bonbrook Mill Road #2 (CIS/GAS).						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 ESC measures required maintenance/repair and enhanced erosion and sediment control measures to be installed.			
1/19/2021	The Environmental Auditor conducted site evaluations at the following locations Cahas Mountain Road #1 (GAS)/ATWS-1351, Jones Mill Lane (CIS/GAS) and Angle Plantation Road (CIS).						The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluation.			
1/22/2021	The Environmental Auditor conducted a site evaluation at Webster Road (CIS)/MVP-FR-315.						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 ESC measures required maintenance/repair and enhanced erosion and sediment control measures to 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 I Project.						The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread I 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: 69 conducted from 1/25/2021 through 2/7/2021 (includes Transco Interconnect Station/H-602/H-603/LY)

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): 104

Total Number of ODCP Inspections at Laydown Yard 045/46 : 5 (1/24/2021 through 1/29/2021); 6 (2/1/2021 through 2/6/2021)

Total Number of VA DEQ Observations from 1/25/2021 through 2/7/2021: 10

Total Number of Landowner/Third Party Reported Complaints: 0

Total Number of Right of Way Impacts Caused by Third Parties: 19 (Cattle traffic, Wildlife traffic, Landowner traffic, Survey Crew traffic and Agricultural activities)

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	2.5"-6.3" - 20 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	2				2	2 on 11/13, 11/16, 11/19 and 11/23 to be completed upon Landowner and USACOE approval. Long term extensions granted on 11/24/2020.			Two items are related to bridge repair and displaced timber mats which are awaiting ACOE and landowner approval, respectively.
12/1/2020		1				1	1 on 12/2, 12/4, 12/7, 12/10, 12/14, 12/17, 12/28, 12/31/2020, 1/4, 1/7 and 1/14/2021. Long term extension granted on 1/14/2021			One item is related to continued flow onto the right of way from an offsite pond discharging through the emergency spillway as the principal spillway has been non-functional. Multiple extension request approvals were granted due to saturated conditions and an off right of way pond discharging onto 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 THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
1/25/2021		2			2				2 on 1/25/2021	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. Both of the identified items were caused by third party impacts related to landowner and wildlife traffic (per SWPPP Inspection Report).
1/26/2021	0.4"-1.4" - 12 Hours *Rainfall began on 1/25/2021	18			3	15			16 on 1/26/2021 2 on 1/27/2021	Eighteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. Three of the identified items were caused by third party impacts related to livestock (2) and wildlife traffic (1).
1/27/2021		21			4	17			19 on 1/27/2021 1 on 1/28/2021 1 on 1/29/2021	Twenty-one items were identified requiring ESC repair/maintenance and completed within the required timeframe. Four of the identified items were caused by third party impacts related to landowner activities (2), agricultural activities (1) and wildlife traffic (1).
1/28/2021	0.2"-0.5" - 8 Hours *Rain/snow event began on 1/27/2021 with approximate 1"-3" of snow cover	1			1				1 on 1/28/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe. This item was caused by third party impacts related to wildlife traffic.
2/1/2021	0.2"-0.6" - 10 Hours *Rain/Snow occurred on 1/31/2021 3"-5" of snow accumulation	7			2	5			7 on 2/1/2021	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items was caused by third party impacts related to wildlife and livestock traffic.
2/2/2021		5				5			4 on 2/2/2021 1 on 2/3/2021	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/3/2021		16			2	14			9 on 2/3/2021 7 on 2/4/2021	Sixteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to wildlife and survey crew traffic.
2/4/2021		8				8			8 on 2/4/2021	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/5/2021	0.0"-0.2" - 4 Hours *Rainfall occurred late 2/4/2021	23			5	18			16 on 2/5/2021	Twenty-three items were identified requiring ESC repair/maintenance and 16 were completed within the required timeframe. Seven of the remaining items have three days to be completed. Five of the identified items were caused by third party impacts related to wildlife (2), livestock (2) and landowner (1) 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 THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
1/26/2021	0.4"-1.4" - 12 Hours *Rainfall began on 1/25/2021	1				1		1 on 1/26/2021		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
1/27/2021		2				2		1 on 1/27/2021	1 on 1/27/2021	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/1/2021	0.2"-0.6" - 10 Hours *Rain/Snow occurred on 1/31/2021 3"-5" of snow accumulation	3				3			3 on 2/2/2021	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/2/2021		3				3		1 on 2/2/2021	1 on 2/2/2021 1 on 2/3/2021	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/3/2021		1				1			1 on 2/3/2021	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	
1/25/2021	The Environmental Auditor conducted a site evaluation at US-220 (CIS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor observed the offsite pond continuing to discharge through the emergency spillway onto the right of way.	
1/26/2021	The Environmental Auditor conducted site evaluations at the following locations: Jacks Creek Road (CIS), Jacks Creek Road (GAS)/MVP-FR-321, Indian Cave Road (CIS) and Listening Hill Road (CIS/GAS).	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 ESC measures required maintenance/repair.	
2/2/2021	The Environmental Auditor conducted site evaluations at the following locations: US-220 (CIS), Brick Church Road (CIS), Grassy Hill Road (CIS/GAS) and Leaning Oak Road (CIS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor observed the offsite pond continuing to discharge through the emergency spillway onto the right of way at US-220 (CIS).	
2/4/2021	The Environmental Auditor conducted site evaluations at the following locations: Leaning Oak Road (CIS), Brick Church Road (CIS) and Green Level Road (CIS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor observed aerial hydraulic seeding/mulching activities occurring at the time of the evaluations. It appears that adequate cover was occurring at the time of the evaluation.	
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 I Project.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread I 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: 74 conducted from 2/8/2021 through 2/21/2021 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards)

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): 174

Total Number of ODCP Inspections at Laydown Yard 045/46 : 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: 3

Total Number of Landowner/Third Party Reported Complaints: 0

Total Number of Right of Way Impacts Caused by Third Parties: 11 (Cattle traffic, Wildlife traffic,); 2 within Carry Over Items from 2/7/2021

Total Number of Right of Way Impacts Caused by Weather Related Damage: 29

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	2.5"-6.3" - 20 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	2					2	2 on 11/13, 11/16, 11/19 and 11/23 to be completed upon Landowner and USACOE approval. Long term extensions granted on 11/24/2020.			Two items are related to bridge repair and displaced timber mats which are awaiting ACOE and landowner approval, respectively.
12/1/2020		1					1	1 on 12/2, 12/4, 12/7, 12/10, 12/14, 12/17, 12/28, 12/31/2020, 1/4, 1/7 and 1/14/2021. Long term extension granted on 1/14/2021			One item is related to continued flow onto the right of way from an offsite pond discharging through the emergency spillway as the principal spillway has been non-functional. Multiple extension request approvals were granted due to saturated conditions and an off right of way pond discharging onto the right of way.
2/5/2021	0.0"-0.2" - 4 Hours *Rainfall occurred late 2/4/2021	7				2	5			7 on 2/8/2021	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to landowner activities and livestock damage.

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"-0.8" - 6 Hours *Rain/Snow occurred on 2/6/2021 1"-3" of snowfall	13					13			8 on 2/8/2021 5 on 2/9/2021	Thirteen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/9/2021		17				3	14		1 on 2/9/2021	8 on 2/9/2021 8 on 2/10/2021	Seventeen items were identified requiring ESC repair/maintenance and completed within the required timeframe. Three of the identified items were caused by third party impacts related to cattle (1) and wildlife damage (2).
2/10/2021		14				1	13			11 on 2/10/2021 3 on 2/11/2021	Fourteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to unauthorized vehicular disturbance – unknown 3rd party.
2/11/2021		13					13			11 on 2/11/2021 2 on 2/12/2021	Thirteen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/12/2021	0.3"-0.8" - 10 Hours *Rainfall began late 2/11/2021	3					3			3 on 2/12/2021	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/15/2021	0.2"-2.0" - 12 Hours *Wintry mix occurred from 2/12/2021 into 2/13/2021	23			8	4	11	4 on 2/17/2021 *To be completed by third party energy company responsible for damages to the right of way and ESC measures		9 on 2/15/2021 10 on 2/16/2021	Twenty-three items were identified requiring ESC repair/maintenance and 19 were completed within the required timeframe. Eight of the identified items were caused by weather related impacts due to fallen trees/branches damaging ESC measures. Four of the identified items were caused by third party impacts related to unauthorized access through the right of way by a third party energy contractor. Temporary repairs have been conducted and final repairs to be made following a site meeting the week of 2/22/2021. Extension request approvals have been granted.
2/16/2021	0.2"-1.0" - 4 Hours *Rainfall occurred late 2/15/2021	32			9	1	22			27 on 2/16/2021 4 on 2/17/2021 1 on 2/19/2021	Thirty-two items were identified requiring ESC repair/maintenance and completed within the required timeframe. Nine of the identified items were caused by weather related impacts due to fallen trees/branches damaging ESC measures. One of the items was caused by third party impacts related to unauthorized vehicular disturbance – unknown 3rd party.
2/17/2021		20			4		16			19 on 2/17/2021 1 on 2/19/2021	Twenty items were identified requiring ESC repair/maintenance and completed within the required timeframe. Four of the identified items were caused by weather related impacts due to fallen trees/branches damaging ESC measures.
2/19/2021	0.2"-0.8" - 12 Hours *Wintry mix occurred on 2/18/2021	29			8	2	19			19 on 2/19/2021 2 on 2/20/2021 8 on 2/22/2021	Twenty-nine items were identified requiring ESC repair/maintenance and completed within the required timeframe. Eight of the identified items were caused by weather related impacts due to fallen trees/branches damaging ESC measures. Two of the identified items were caused by third party impacts related to cattle 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
2/9/2021		1					1			1 on 2/9/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
2/16/2021	0.2"-1.0" - 4 Hours *Rainfall occurred late 2/15/2021	1					1			1 on 2/16/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
2/17/2021		1					1			1 on 2/17/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS

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

DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS
2/8/2021	The Environmental Auditor conducted site evaluations at the following locations: Snowberry Road (GAS), Oxford Road (GAS) and Armstrong Road (CIS/GAS).	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 ESC measures required maintenance/repair and enhanced measures be installed.
2/11/2021	The Environmental Auditor conducted site evaluations at US-220 (CIS) and Bar Ridge Road (GAS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor observed the offsite pond continuing to discharge through the emergency spillway onto the right of way at US-220 (CIS).
2/15/2021	The Environmental Auditor conducted site evaluations at the following locations: Transco Interconnect Station, H-602 and US-29 (CIS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluation.
2/16/2021	The Environmental Auditor conducted a site evaluation at Toshes Road (CIS).	The Environmental Auditor conducted a site evaluation due to right of way and ESC damages caused by a third party energy contractor. The Environmental Auditor observed damages to the ESC measures (CWD Dike and Compost Filter Sock) and the right of way and identified potential concerns related to ESC measures along the s installed by the third party contractor along the southern edge of the right of way. Recommendations were provided to the MVP Environmental team by the Environmental Auditor.
2/17/2021	The Environmental Auditor conducted site evaluations at Chalk Level Road (CIS/GAS) and Mill Creek Road (CIS/GAS).	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 ESC measures required maintenance/repair and enhanced ESC measures be installed.
2/19/2021	The Environmental Auditor conducted site evaluations at the following locations: US-220 (CIS), Laydown Yards: MVP-LY-032, MVP-LY-033 and MVP-ANC-006 and Bonbrook Mill Road #2 (CIS/GAS).	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 ESC measures required maintenance/repair and enhanced ESC measures be installed. The Environmental Auditor observed the offsite pond continuing to discharge through the emergency spillway onto the right of way at US-220 (CIS).
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 I Project.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread I 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: 71 conducted from 2/22/2021 through 3/7/2021 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards)											
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): 180											
Total Number of ODCP Inspections at Laydown Yard 045/46 : 5 (2/22/2021 through 2/26/2021); 7 (3/1/2021 through 3/7/2021)											
Total Number of VA DEQ Observations from 2/22/2021 through 3/7/2021: 17											
Total Number of Landowner/Third Party Reported Complaints: 1 (A third party complaint was developed by the Mountain Valley Watch on February 26, 2021 and submitted to the VA DEQ. The report narrative alleges areas of "inadequate soil cover and slips in the pipeline right of way" and one photo within the report cites a BMP maintenance issue. Documentation within the report notes third party activities not affiliated with the MVP Pipeline project. 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 ESC measures throughout the right of way are repaired/maintained and enhanced as needed based on daily punch lists. The Environmental Auditor conducted evaluations throughout portions of the locations noted in the Complainant report and observed areas where stabilization meets coverage requirements along with areas where straw mulch has degraded or displaced via wind/runoff and vegetation has not become established. The ESC measures throughout the evaluated areas appeared to be installed and functional with no offsite or resource impacts. The Environmental Auditor observed aerial hydraulic seeding/mulching activities occurring at the time of the evaluations with progress continuing on a daily basis. The Environmental Auditor and the MVP Environmental team continue to communicate and recommendations are provided by the Environmental Auditor based on observations noted during the evaluations).											
Total Number of Right of Way Impacts Caused by Third Parties: 14 (Cattle traffic, Wildlife traffic and Agricultural Equipment traffic); 4 (Carry over from 2/21/2021)											
Total Number of Right of Way Impacts Caused by Weather Related Damage: 17											
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	2.5"-6.3" - 20 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	2					2	2 on 11/13, 11/16, 11/19 and 11/23 to be completed upon Landowner and USACOE approval. Long term extensions granted on 11/24/2020.			Two items are related to bridge repair and displaced timber mats which are awaiting ACOE and landowner approval, respectively.
12/1/2020		1					1	1 on 12/2, 12/4, 12/7, 12/10, 12/14, 12/17, 12/28, 12/31/2020, 1/4, 1/7 and 1/14/2021. Long term extension granted on 1/14/2021			One item is related to continued flow onto the right of way from an offsite pond discharging through the emergency spillway as the principal spillway has been non-functional. Multiple extension request approvals were granted due to saturated conditions and an off right of way pond discharging onto the right of way.
2/15/2021	0.2"-2.0" - 12 Hours *Wintry mix occurred from 2/12/2021 into 2/13/2021	4				4		4 on 2/17/2021 *To be completed by third party energy company responsible for damages to the right of way and ESC measures		4 on 2/24/2021	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. These items were caused by third party impacts related to unauthorized access through the right of way by a third party energy contractor. Temporary repairs have been conducted and final repairs to be made following a site meeting the week of 2/22/2021. Extension request approvals have 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
2/22/2021		4			1	1	2			3 on 2/22/2021 1 on 2/23/2021	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to livestock traffic. One of the identified items was caused by weather related impacts due to fallen trees/branches damaging ESC measures.
2/23/2021	0.1"-0.9" - 4 Hours *Rainfall occurred on 2/22/2021	26				1	25			23 on 2/23/2021 3 on 2/24/2021	Twenty-six items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to livestock traffic.
2/24/2021		38			12	2	24			38 on 2/24/2021	Thirty-eight items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to wildlife traffic. Twelve of the identified items were caused by weather related impacts due to fallen trees/branches damaging ESC measures.
2/25/2021		23			1	2	20		1 on 2/25/2021	18 on 2/25/2021 4 on 2/26/2021	Twenty-three items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to wildlife and livestock traffic. One of the identified items was caused by weather related impacts due to fallen trees/branches damaging ESC measures.
2/26/2021		8				2	6			8 on 2/26/2021	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to wildlife and livestock traffic.
3/1/2021	0.9"-1.15" - 26 Hours *Intermittent rainfall occurred from 2/26/2020 through 2/28/2021	21			1	3	17			20 on 3/1/2021 1 on 3/2/2021	Twenty-one items were identified requiring ESC repair/maintenance and completed within the required timeframe. Three of the identified items were caused by third party impacts related to wildlife (2) and livestock (1) traffic. One of the identified items was caused by weather related impacts due to fallen trees/branches damaging ESC measures.
3/2/2021		15			1	1	13			11 on 3/2/2021 3 on 3/3/2021 1 on 3/5/2021	Fifteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to wildlife traffic. One of the identified items was caused by weather related impacts due to fallen trees/branches damaging ESC measures.
3/3/2021		13			1		12			12 on 3/3/2021 1 on 3/4/2021	Thirteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by weather related impacts due to fallen trees/branches damaging ESC measures.
3/4/2021		12				1	11			7 on 3/4/2021 4 on 3/5/2021 1 on 3/6/2021	Twelve 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 agricultural equipment traffic.
3/5/2021		13					13			13 on 3/5/2021	Thirteen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
2/22/2021		3					3			3 on 2/25/2021	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
2/23/2021	0.1"-0.9" - 4 Hours *Rainfall occurred on 2/22/2021	1					1			1 on 2/24/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
2/24/2021		1					1			1 on 2/24/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
2/26/2021		5					5			4 on 2/26/2021 1 on 3/1/2021	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/1/2021	0.9"-1.15" - 26 Hours *Intermittent rainfall occurred from 2/26/2020 through 2/28/2021	3				1	2			1 on 3/1/2021 2 on 3/4/2021	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to wildlife traffic.
3/2/2021		3					3			2 on 3/2/2021 1 on 3/3/2021	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/4/2021		1								1 on 3/6/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
2/26/2021	MP 284.3 - 303.2	35 Photos related to "Vegetation and BMP Maintenance"	A third party complaint was developed by the Mountain Valley Watch on February 26, 2021 and submitted to the VA DEQ. The report narrative alleges areas of "inadequate soil cover and slips in the pipeline right of way" and one photo within the report cites a BMP maintenance issue. Documentation within the report notes third party activities not affiliated with the MVP Pipeline project. 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 ESC measures throughout the right of way are repaired/maintained and enhanced as needed based on daily punch lists. The Environmental Auditor conducted evaluations throughout portions of the locations noted in the Complainant report and observed areas where stabilization meets coverage requirements along with areas where straw mulch has degraded or displaced via wind/runoff and vegetation has not become established. The ESC measures throughout the evaluated areas appeared to be installed and functional with no offsite or resource impacts. The Environmental Auditor observed aerial hydraulic seeding/mulching activities occurring at the time of the evaluations with progress continuing on a daily basis. The Environmental Auditor and the MVP Environmental team continue to communicate and recommendations are provided by the Environmental Auditor based on observations noted during the evaluations.
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
2/22/2021	The Environmental Auditor conducted a site evaluation at Toshes Road (CIS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor met with a third party energy company and the MVP Environmental/Construction team to review damages to the right of way caused by third party impacts related to an adjacent energy project.	
2/24/2021	The Environmental Auditor conducted a site evaluation at US-220 (CIS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor observed the offsite pond continuing to discharge through the emergency spillway onto the right of way at US-220 (CIS).	
3/1/2021	The Environmental Auditor conducted site evaluations at the following locations: Farm View Road (CIS)/MVP-FR-313, Angle Plantation Road (GAS) and Foggy Ridge Road (GAS).	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 ESC measures required maintenance/repair and enhanced ESC measures be installed.	
3/4/2021	The Environmental Auditor conducted site evaluations at the following locations: Snow Creek Road (GAS), Armstrong Road (CIS/GAS), Museville Road (CIS/GAS) and Rock Creek Road (GAS).	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 ESC measures required maintenance/repair and enhanced ESC measures be installed.	
3/5/2021	The Environmental Auditor conducted site evaluations at the following locations: Brick Church Road (CIS)/MVP-FR-300/ATWS-569A, Brick Church Road (GAS)/MVP-FR-302, Iron Ridge Road (CIS) and US-220 (CIS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor observed the offsite pond continuing to discharge through the emergency spillway onto the right of way at US-220 (CIS).	
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 I Project.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread I 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: 74 conducted from 3/8/2021 through 3/21/2021 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards)											
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): 154											
Total Number of ODCP Inspections at Laydown Yard 045/46 : 6 (3/8/2021 through 3/13/2021); 6 (3/15/2021 - 3/19/2021 and 3/21/2021)											
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: 30 (Cattle traffic, Wildlife traffic and Unknown/Unauthorized 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	2.5"-6.3" - 20 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	2					2	2 on 11/13, 11/16, 11/19 and 11/23 to be completed upon Landowner and USACOE approval. Long term extensions granted on 11/24/2020.			Two items are related to bridge repair and displaced timber mats which are awaiting ACOE and landowner approval, respectively.
12/1/2020		1					1	1 on 12/2, 12/4, 12/7, 12/10, 12/14, 12/17, 12/28, 12/31/2020, 1/4, 1/7 and 1/14/2021. Long term extension granted on 1/14/2021			One item is related to continued flow onto the right of way from an offsite pond discharging through the emergency spillway as the principal spillway has been non-functional. Multiple extension request approvals were granted due to saturated conditions and an off right of way pond discharging onto 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
3/8/2021		19				2	17			17 on 3/8/2021 2 on 3/9/2021	Nineteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items was caused by third party impacts related to unknown/unauthorized traffic and wildlife traffic.
3/9/2021		21				10	11		1 on 3/9/2021 1 on 3/10/2021	15 on 3/9/2021 4 on 3/10/2021	Twenty-one items were identified requiring ESC repair/maintenance and completed within the required timeframe. Ten of the identified items were caused by third party impacts related to livestock traffic.
3/10/2021		9				2	7			9 on 3/10/2021	Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to wildlife traffic.
3/11/2021		22				5	17			19 on 3/11/2021 3 on 3/22/2021	Twenty-two items were identified requiring ESC repair/maintenance and completed within the required timeframe. Five of the identified items were caused by third party impacts related to wildlife (2) and livestock traffic (3).
3/12/2021		12				3	9			12 on 3/12/2021	Twelve items were identified requiring ESC repair/maintenance and completed within the required timeframe. Three of the identified items were caused by third party impacts related to wildlife traffic (2) and unknown/unauthorized traffic (1).
3/15/2021		16				4	12			13 on 3/15/2021 2 on 3/16/2021 1 on 3/17/2021	Sixteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. Four of the identified items were caused by third party impacts related to livestock traffic.
3/16/2021	0.0"-0.2" - 8 Hours *Rainfall occurred on 3/15/2021	9				2	7			7 on 3/16/2021 1 on 3/17/2021 1 on 3/19/2021	Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to livestock traffic.
3/17/2021		18				1	17		1 on 3/17/2021	17 on 3/17/2021	Eighteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to wildlife traffic.
3/18/2021		11					11			11 on 3/18/2021	Eleven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/19/2021	1.4"-2.0" - 24 Hours *Rainfall began on 3/18/2021	14				1	13			12 on 3/19/2021 2 on 3/22/2021	Fourteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to livestock traffic.

VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
3/8/2021		1					1			1 on 3/8/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
3/10/2021		4					4			2 on 3/10/2021 2 on 3/12/2021	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS											
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE						TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS						CONCLUSION AND RECOMMENDATIONS				
3/9/2021	The Environmental Auditor conducted site evaluations at Toshes Road (CIS/GAS) and Climax Road (GAS).						The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor reviewed the ESC measures installed by the third party energy company adjacent the MVP right of way and communicated concerns to the MVP Environmental team regarding potential impacts to the project.				
3/11/2021	The Environmental Auditor conducted site evaluations at Ramsey Memorial Road (GAS) and Tobacco Road (CIS/GAS).						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 ESC measures required maintenance/repair and enhanced ESC measures be installed.				
3/12/2021	The Environmental Auditor conducted a site evaluation at US-220 (CIS).						The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor observed the offsite pond continuing to discharge through the emergency spillway onto the right of way at US-220 (CIS) and continues to recommend repairing and enhancing the ESC measures upon landowner cooperation to correct principal spillway repair/maintenance.				
3/15/2021	The Environmental Auditor conducted site evaluations at the following locations: Iron Ridge Road (CIS)/MVP-FR-303.01, Iron Ridge Road (GAS) and Cahas Mountain Road #1/MVP-FR-293.02 (GAS).						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 ESC measures required maintenance/repair and enhanced ESC measures be installed.				
3/16/2021	The Environmental Auditor conducted site evaluations at the following locations: Transco Interconnect Station, Chalk Level Road (GAS), H-602, H-603 and Mill Creek Road/MVP-PI-340 (GAS).						The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluation.				
3/17/2021	The Environmental Auditor conducted a site evaluation at US-220 (CIS).						The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor observed the offsite pond continuing to discharge through the emergency spillway onto the right of way at US-220 (CIS) and continues to recommend repairing and enhancing the ESC measures upon landowner cooperation to correct principal spillway repair/maintenance.				
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 I Project.						The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread I 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: 58 conducted from 3/22/2021 through 3/31/2021 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards)

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): 72

Total Number of ODCP Inspections at Laydown Yard 045/46: 6 (3/22/2021 through 3/27/2021); 3 (3/29/2021 through 3/31/2021)

Total Number of VA DEQ Observations from 3/22/2021 through 3/31/2021: 1

Total Number of Landowner/Third Party Reported Complaints: 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" and off right of way sediment impacts. The photo log which serves as the basis for the report was developed via aerial photos taken from a manned aircraft with some photos taken towards the ground surface from the third party while physically on the right of way. The MVP Environmental team continues to conduct daily inspections in addition to the required SWPPP inspections. The ESC measures throughout the right of way are repaired/maintained and enhanced as needed based on daily punch lists. The Environmental Auditor conducted evaluations throughout portions of the locations noted in the Complainant report and observed areas where stabilization meets coverage requirements along with areas where straw mulch has degraded or displaced via wind/runoff and vegetation has not become established. The ESC measures throughout the evaluated areas appeared to be installed and functional with no offsite or resource impacts. The Environmental Auditor observed both aerial hydraulic seeding/mulching and straw mulching activities as part of the MVP ongoing temporary stabilization maintenance program. The sediment off right of way allegations are incorrect particularly within the noted waterways. The sediment deposits noted within the waterways are from natural fluvial aggradation via the sediment transport process especially during flooding events. The Environmental Auditor and the MVP Environmental team continue to communicate and recommendations are provided by the Environmental Auditor based on observations noted during the evaluations. MVP is in the process of drafting a formal response letter).

Total Number of Right of Way Impacts Caused by Third Parties: 8 (Livestock traffic and Wildlife 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 3/22/2021 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	2.5"-6.3" - 20 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	2					2	2 on 11/13, 11/16, 11/19 and 11/23 to be completed upon Landowner and USACOE approval. Long term extensions granted on 11/24/2020.			Two items are related to bridge repair and displaced timber mats which are awaiting ACOE and landowner approval, respectively.
12/1/2020		1					1	1 on 12/2, 12/4, 12/7, 12/10, 12/14, 12/17, 12/28, 12/31/2020, 1/4, 1/7 and 1/14/2021. Long term extension granted on 1/14/2021			One item is related to continued flow onto the right of way from an offsite pond discharging through the emergency spillway as the principal spillway has been non-functional. Multiple extension request approvals were granted due to saturated conditions and an off right of way pond discharging onto the right of way. Discharge from the off right of way pond was observed by the Environmental Auditor to have ceased on 3/24/2021. A site meeting occurred with the Spread I Environmental and Contractor teams and ESC maintenance is scheduled.

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
3/22/2021		8				1	7			7 on 3/22/2021 1 on 3/23/2021	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to wildlife traffic.
3/23/2021		13				3	10		1 on 3/23/2021	10 on 3/23/2021 2 on 3/24/2021	Thirteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. Three of the identified items were caused by third party impacts related to livestock traffic.
3/24/2021	0.0"-0.3" - 4 Hours *Rainfall occurred on 3/23/2021	10					10		1 on 3/24/2021	8 on 3/24/2021 1 on 3/26/2021	Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/25/2021		10				1	9			10 on 3/25/2021	Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to livestock traffic.
3/26/2021	0.1"-0.4" - 6 Hours *Rainfall occurred late 3/25/2021	5				1	4			5 on 3/26/2021	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to livestock traffic.
3/29/2021	0.3"-0.7" - 24 Hours *Rainfall occurred from 3/27/2021 through 3/28/2021	15				2	13			15 on 3/29/2021	Fifteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to livestock traffic.
3/30/2021		7					7			7 on 3/30/2021	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
3/31/2021		1					1			1 on 3/31/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.

VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
3/30/2021		1					1			1 on 3/30/2021	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	
January 2021	MP 256.6 - 283.6					62 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 3/30/2021. The report narrative alleges areas of "inadequate/sparse soil cover" and off right of way sediment impacts. The photo log which serves as the basis for the report was developed via aerial photos taken from a manned aircraft with some photos taken towards the ground surface from the third party while physically on the right of way. The MVP Environmental team continues to conduct daily inspections in addition to the required SWPPP inspections. The ESC measures throughout the right of way are repaired/maintained and enhanced as needed based on daily punch lists. The Environmental Auditor conducted evaluations throughout portions of the locations noted in the Complainant report and observed areas where stabilization meets coverage requirements along with areas where straw mulch has degraded or displaced via wind/runoff and vegetation has not become established. The ESC measures throughout the evaluated areas appeared to be installed and functional with no offsite or resource impacts. The Environmental Auditor observed both aerial hydraulic seeding/mulching and straw mulching activities as part of the MVP ongoing temporary stabilization maintenance program. The sediment off right of way allegations are incorrect particularly within the noted waterways. The sediment deposits noted within the waterways are from natural fluvial aggradation via the sediment transport process especially during flooding events. The Environmental Auditor and the MVP Environmental team continue to communicate and recommendations are provided by the Environmental Auditor based on observations noted during the evaluations. MVP is in the process of drafting a formal response letter.	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS						CONCLUSION AND RECOMMENDATIONS				
3/23/2021	The Environmental Auditor conducted site evaluations at Timber Ridge Road (CIS), Webster Road (CIS/GAS) and MVP-FR-315						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 ESC measures required maintenance/repair and enhanced ESC measures be installed.				
3/24/2021	The Environmental Auditor conducted site evaluations at Cahas Mountain Road #1 (GAS) and US-220 (CIS).						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 ESC measures required maintenance/repair. At the time of the evaluation at US-220 (CIS) the Environmental Auditor did not observe the offsite pond discharging through the emergency spillway onto the right of way. The Environmental Auditor communicated the findings with the MVP Environmental team and recommended ESC measures to be repaired/replaced.				
3/29/2021	The Environmental Auditor conducted site evaluations at Rock Creek Road (GAS) and US-220 (CIS).						The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor met with the MVP Environmental Inspection and Contractor teams at both project locations and discussed repairing and enhancing the ESC measures.				
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 I Project.						The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread I 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										