



# Mountain Valley Pipeline Project – Spread I

## Environmental Auditor Quarterly Report for Q1 2020

### April 15, 2020

---

#### Environmental Auditor Contact Information

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

#### I. Introduction

The Spread I (portions of Construction spreads 9 and 10) 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 (LY-045 & LY-046), additional temporary workspaces (ATWS) and temporary/permanent access roads. This Quarterly Report also includes the Transco Interconnect Station as the environmental inspection staff from Spread I is covering this Project. The Project 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 team of Environmental Inspectors (EIs). The LEI/EIs, who have obtained the Virginia DEQ ESC/SWM Inspector Certifications are responsible for conducting routine daily inspections and inspecting all temporary BMPs every four business days per Storm Water Pollution Prevention Plan 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 three days 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).

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

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

## **II. Information Reviewed to Prepare Quarterly Report**

The Environmental Auditor utilized the following resources to assist with evaluating project compliance from 01/01/2020 through 03/31/2020 (end of reporting period for Q1 2020):

- 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);
- MVP Subsidence Feature Inspection Report provided by MVP third-party geologist;
- Annual Project Specific Standards and Specifications;
- Oil Discharge Contingency Plan (ODPC) Inspection Reports; and
- Storm Water Pollution Prevention Plans (SWPPPs), Erosion and Sediment Control (E&SC) Plans and Post Construction Stormwater Management (SWM) Plans

The Environmental Auditor was also assisted during report preparation by the MVP staff, the MVP Spread I Environmental Inspection team, the Contractor Environmental team and the Tetra Tech Civil Engineering and Construction Management Departments.

The following sections III. through VI. provide an overall summary from January 1, 2020 through March 31, 2020 (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 Environmental Inspectors observed at total of 929 items (includes carry over items) requiring repair/maintenance throughout the Q1 reporting period. Per Table I-1B, rainfall events caused off right of way impacts within upland areas on 1/4/2020, 1/11/2020 & 1/14/2020, 1/24/2020-1/25/2020, 2/5/2020-2/7/2020 and 2/12/2020-2/13/2020. These events did not impact resources, the sediment was removed where landowner permission was granted, the impacted areas were temporary stabilized and the ESC measures on the right of way were repaired/maintained or augmented. One location where an off right of way impact occurred was identified on 2/13/2020 did not receive landowner permission and is restricted to access. Three remaining locations identified on 2/7/2020, 2/8/2020 and 2/11/2020 appear to be waiting for landowner approval.

Erosion and sediment control measures identified by the Environmental Inspection team were communicated to the Contractor Environmental team and repaired/maintained with additional BMPs installed as needed. All but 7 identified items were completed within the required timeframe. The items not meeting the required timeframe where identified from 12/31/2019-1/3/2020 and were subsequently completed (Refer to Environmental Auditor Observations and Recommendations for further discussion). The Environmental Auditor noted that BMPs damaged due to impacts caused by third parties (including cattle and wildlife) were repaired/maintained within the required timeframe.

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 Environmental Inspectors throughout the Q1 reporting period:

**Table I-1A**

<b>Spread I Environmental Inspector Observations: January 1, 2020 – March 31, 2020</b>				
<b>Monthly Observation</b>	<b>Total Number Observations</b>	<b>Environmental Resource Impact</b>	<b>Off Right of Way Impact</b>	<b>Right of Way Impacts Caused by Third Parties</b>
<b>January</b>	*428	0	5	25
<b>February</b>	*397	0	28	9
<b>March</b>	104	0	0	8

\* Includes Carry Over Items

The Environmental inspectors conducted a total of 158 SWPPP inspections and provided respective VSIRs throughout the Q1 reporting period. Upon review of the SWPPP VSIRs, it appears that the environmental inspectors' 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 045/46 from 1/2/2020-3/31/2020. Twenty-two inspections were conducted in January, twenty inspections were conducted in February and twenty-two inspections were conducted in March. Action items were noted on 1/13/2020 and 2/19/2020. The MVP ODC inspector verified that all action items were promptly addressed. No resources were impacted.

A total of 21 recordable rainfall events occurred throughout the Q1 reporting period. Coupled with previous rainfall and saturated soil conditions, rainfall events that caused off right of way impacts within upland areas occurred on 1/4/2020, 1/11/2020 & 1/14/2020, 1/24/2020-1/25/2020, 2/5/2020-2/7/2020 and 2/12/2020-2/13/2020. These events entailed long durations rainfalls with intervals of high intensity/short duration downpours and short term high intensity downpours. One prolonged rainfall event with periods of high intensity/short duration downpours occurred from 2/5/2020 through 2/7/2020 which resulted in multiple off right of way impacts. These events did not impact resources (Refer to Environmental Auditor Observations and Recommendations for further discussion).

Repair/maintenance via sediment removal and soil stabilization blanket installation occurred at areas where Post construction BMPs (waterbars/end treatments) have been installed.

Due to the frequency/intensity of prolonged precipitation events coupled with saturated conditions, vehicles/equipment were not able to conduct repair/maintenance within the allotted timeframes and required several extension requests to be submitted to DEQ. Temporary ESC measures that could be implemented via foot traffic were installed in the interim. No environmental resources were impacted by these events.

Based on rainfall gauge data provided by the Spread I Environmental Inspectors, 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**

<b>Spread I Rainfall and Duration Rates: January 1, 2020 – March 31, 2020</b>					
<b>January</b>		<b>February</b>		<b>March</b>	
<b>Date Recorded</b>	<b>Rainfall and Approximate Duration</b>	<b>Date Recorded</b>	<b>Rainfall and Approximate Duration</b>	<b>Date Recorded</b>	<b>Rainfall and Approximate Duration</b>
1/3/2020	0.2"-0.3" – 4 Hours *Rainfall began on 1/2/2020	2/6/2020	0.9"-1.5" – 18 Hours *Rainfall began on 2/5/2020	3/3/2020	0.0"-0.2" – 4 Hours *Rainfall began on 3/2/2020
1/4/2020	0.1"-0.4" – 24 Hours *Rainfall began on 1/3/2020	2/7/2020	2.1"-3.6" *Heavy rainfall continued from 2/6/2020	3/13/2020	0.3"-0.5" – 6 Hours *Rainfall began on 3/12/2020
1/8/2020	0.1"-0.5" – 5 Hours	2/11/2020	0.5"-1.0" – 18 Hours *Rainfall began on 2/10/2020	3/14/2020	0.0"-0.2" – 4 Hours
1/12/2020	0.5"-2.3" – 18 Hours *Majority of rainfall occurred within two hours on 1/11/2020	2/12/2020	.20"- .30" – 3 Hours	3/20/2020	0.0"-0.1" – 2 Hours
1/14/2020	0.0"-0.6" – 10 Hours	2/13/2020	0.5"-1.0" – 18 Hours *Additional Rainfall from 2/12/2020	3/23/2020	0.4"-0.6" – 24 Hours *Sporadic rainfall on 3/22/2020
1/19/2020	0.0"-0.2" – 5 Hours	2/25/2020	0.2"-0.7" – 10 Hours *Rainfall began on 2/24/2020	3/24/2020	0.0"-0.2" – 4 Hours *Rainfall began on 3/23/2020
1/25/2020	1.4"-1.6" – 17 Hours *Rainfall began on 1/24/2020	2/26/2020	0.0"-0.2" – 6 Hours	3/25/2020	0.8"-1.0" – 14 Hours *Rainfall began on 3/24/2020

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

Per Table I-1C, the VA DEQ Inspectors observed a total of 145 items requiring repair/maintenance throughout the Q1 reporting period. Due to the rainfall events coupled with saturated conditions noted in Section III, three off right of way impacts within upland areas were observed during the Q1 reporting period. These events did not impact resources, the sediment was removed and the impacted areas were temporarily stabilized. The VA DEQ Inspectors observed 12 right of way impacts caused by third parties during the reporting period. The Environmental Auditor noted that BMPs damaged due to impacts caused by third parties were repaired/maintained. Punchlist items provided by the VA DEQ Inspectors were adequately addressed within the required timeframes except for two items (part of the 7 total items previously noted in Section III). The items not meeting the required timeframe were identified on 1/2/2020 and 1/3/2020 and were subsequently completed (Refer to Environmental Auditor Observations and Recommendations for further discussion).

Due to the frequency/intensity of prolonged precipitation events coupled with saturated conditions, vehicles/equipment were not able to be utilized to conduct repair/maintenance within the allotted timeframes and required extension requests to be submitted to DEQ. Temporary ESC measures that could be implemented via foot traffic without compromising the safety of the Contractor personnel were installed in the interim.

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**

<b>Spread I VADEQ Observations: January 1, 2020 – March 31, 2020</b>				
<b>Monthly Observation</b>	<b>Total Number Observations</b>	<b>Environmental Resource Impact</b>	<b>Off Right of Way Impact</b>	<b>Right of Way Impacts Caused by Third Parties</b>
January 2020	27	0	0	9
February 2020	96	0	3	3
March 2020	22	0	0	0

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

MVP Environmental received a landowner complaint from the VA DEQ on 12/16/19 regarding a subsidence approximately 375-feet southwest of the Project on the going-away-side of Iron Ridge Road. The Environmental Auditor accompanied by the EI, MVP Land Agent, and MVP third-party Geotechnical engineer evaluated the issue on 2/25/2020 and determined that runoff from the Project right of way was not a contributing factor to the subsidence.

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

Per Table I-1D, the Environmental Auditor conducted 126 site evaluations during the Q1 reporting period. The Environmental Auditor observed locations where ESC measures required repair/maintenance and recommended augmenting existing or installing additional ESC measures as necessary to minimize erosion and sediment impacts. During the reporting period, the Environmental Auditor communicated observations and recommendations with the Spread I LEI, Environmental Coordinator (EC), Contractor Environmental team and MVP staff. Repair/Maintenance items were added to the respective MVP daily punchlists and those items were addressed within the required timeframes. The recommendations for the installation of additional ESC measures pertained to runoff control measures via soil stabilization blanket (SSB) and enhanced sediment control BMPs to minimize the potential for accelerated erosion during runoff events. Most recommendations have been addressed where necessary. The Spread I Environmental Inspection staff are monitoring locations where other recommendations were made 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 evaluated areas where off right of way sediment impacts occurred during the rainfall events noted in Section III and Section IV and provided recommendations to install additional ESC measures. The Environmental Auditor provided recommendations related to the installation of additional soil stabilization blanket, compost filter sock (CFS) check dams and augmenting sediment controls that included engineered designs. The recommendations were observed to be implemented by the Contractor Environmental team with oversight from the Spread I Environmental Inspection team. The Environmental Auditor recommends continued to monitoring areas where potential issues may result in accelerated erosion and offsite sedimentation and implement the appropriate ESC measures.

The Environmental Auditor continues to monitor several locations throughout the Spread I right of way especially where BMPs may need to be replaced due to degradation from long term use.

As noted in Section III, 7 events occurred on 12/31/2019, 1/2/2020, and 1/3/2020 that were not corrected within the required 24-hour/3-day timeframe. Due to the prolonged heavy rainfall prior to and during this period, the right of way exhibited saturated/hazardous conditions that prevented crews from making immediate repairs. However, timely extension requests were not submitted to VA DEQ. The items were subsequently addressed and no resources were impacted. To avoid this situation from reoccurring in the future, the Environmental Auditor provided recommendations in the 1/12/2020 Biweekly Report to the MVP staff and the Spread I Environmental Inspection team to immediately notify the VA DEQ for an extension request(s) when weather related conditions prohibit maintaining ESC measures within a given timeframe. Subsequent extension request notifications have been filed on time per the recommendation.

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

**Table I-1D**

<b>Environmental Auditor Field Observations</b>	
<b>Month</b>	<b>Total Observations</b>
January	26
February	62
March	38

## **VII. Conclusion(s)**

Per Section IV. (b) (1) of the Consent Decree the Environmental Auditor conducted site evaluations, evaluated VSIR/SWPPP VSIRs 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 and inspected; however, the timeframe for ECS measures requiring routine maintenance was exceeded for punchlist items noted from 12/31/2019 through 1/3/2020; and
- All ineffective temporary ESC Measures observed by the Environmental Inspectors/Environmental Auditor were repaired; however, ESC measures in need of routine maintenance exceeded the timeframes required by MVP's Annual Standards and Specifications or as otherwise provided in the Consent Decree (See Section III and Section IV). See Section VI. Environmental Auditor Observations and Recommendations for further discussion regarding the 7 items that exceeded the required timeframes.

Based on the aforementioned 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 throughout the Q1 reporting period. Refer to Section III. Environmental Inspector Observations which discusses weather related impacts. Refer to Section VI. Environmental Auditor Observations and Recommendations which provides recommendations for immediately identifying and submitting extension requests for areas requiring routine maintenance where weather-related conditions would compromise safety or create further damage to the right of way. It should be noted that no further instances of timeframe exceedances occurred since the Environmental Auditor discussed the issue with the MVP staff and Environmental Inspection team following the 1/12/2020 Biweekly 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 Report in which sediment has left the ROW but MVP's requests for landowner permission to take corrective measures have been denied. Per Section III of the this Q1 2020 Report and as reported in the Q4 2019 Quarterly Report, DEQ is aware there are several instances in which sediment has left the ROW but MVP's requests for landowner permission to take corrective measures have been denied.

Report Period Ending: 1/12/2020  
 Report Prepared By: Joe Crea

**SUMMARY OF FINDINGS**

Total Number of SWPPP Inspections: **10** (Includes Transco Interconnect Station) conducted on 1/7/2020  
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (1/2/2020 through 1/12/2020): **46**  
 Total Number of ODCP Inspections at Laydown Yard 045/046 : **2** (1/2/2020 through 1/3/2020); **5** (1/6/2020 through 1/10/2020)  
 Total Number of VA DEQ Observations (1/2/2020 through 1/12/2020): **5**  
 Total Number of Landowner Complaints: **0**  
 Total Number of Right of Way Impacts Caused by Third Parties: **4**  
 Total Number of Off Right of Way Impacts: **1** (Event occurred on 1/4/2020 and was approximately 0.4"). **Environmental Resources were not impacted.**  
 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: **7** - Two items from 12/31/19 Observations; Three items identified on 1/2/2020 from the Environmental Inspector Observations; One item identified on 1/2/2020 from the VA DEQ Observations and One item identified on 1/3/2020 from the VA DEQ Observations. Rainfall resulting in saturated/hazardous right of conditions caused a delay in addressing the completion of items within the required timeframe. All items were subsequently completed. Refer to tables below regarding Observations and Recommendations.

**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 1/2/2020 through 1/12/2020.**

\*Refer to Carry Over Items From 12/20/2019 and 12/31/2019 For Verification of Completion Date(s)

**CARRY OVER ITEMS FROM 12/20/2019 AND 12/31/2019**

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
12/20/2019	0.1"-0.2." - 8 Hours *Event on 12/18/19	10				10	10 on 12/30/2019		7 on 1/2/2020 3 on 1/6/2020	The Project right of way exhibited saturated conditions and equipment was not able to mobilize to conduct the necessary repairs. No environmental resources were impacted. Refer to Required Findings and Conclusions below regarding timely notification for extension requests.
12/31/2019 - EI	0.3"-0.7" - 8 Hours *Event on 12/30/19	2		1		1		1 on 1/7/2020	1 on 1/2/2020	One offsite sediment impact at Museville Road GAS due to runoff undermining the CFS sediment control measure. The Project right of way exhibited saturated conditions and equipment was not able to mobilize to conduct the necessary repairs. No environmental resources were impacted. Refer to Required Findings and Conclusions below regarding timely notification for extension requests.
12/31/2019 - VA DEQ	0.3"-0.7" - 8 Hours *Event on 12/30/19	1				1			1 on 1/9/2020	Routine maintenance identified for CFS sediment control measure. The Project right of way exhibited saturated conditions. No environmental resources or offsite areas were impacted. Refer to Required Findings and Conclusions below regarding timely notification for extension requests.

**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
1/2/2020	0.3"-0.7" - 8 Hours *Event on 12/30/19	3				3			3 on 1/6/2020	Three items were identified requiring ESC repair/maintenance and were not repaired within the three day timeframe due to previous rainfall events resulting in saturated right of conditons. These items were and completed the next day following the required timeframe. No environmental resources or offsite areas were impacted. Refer to Required Findings and Conclusions below regarding timely notification for extension requests.
1/3/2020	0.2"-0.3" - 8 Hours									
1/6/2020	0.1"-0.4" - 24 Hours *Event on 1/4/19	19		1		18		1 1/7/2020	15 1/7/2020 3 1/8/2020	Eighteen items were identified requiring ESC repair/maintenance. One item identified offsite sediment due to erosion around waterbar endtreatment and sediment overtopping sediment control BMP. All items were repaired within the required 24-Hour and three day timeframe, respectively. No resources were impacted.
1/7/2020		2				2			2 1/8/2020	Two items were identified requiring ESC maintenance and repaired within the required three day timeframe.
1/8/2020	0.1"-0.5" - 5 Hours									
1/9/2020		18			2	16			18 1/10/2020	Eighteen items were identified requiring ESC maintenance. Two of the items were related to third party impacts. All items were repaired within the required three dayr timeframe.
1/10/2020		4				4			4 1/13/2020	Four items were identified requiring ESC maintenance and repaired within the required three day timeframe.



VADEQ OBSERVATIONS										
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
1/2/2020	0.3"-0.7" - 8 Hours *Event on 12/30/19	1			1				1/6/2020	One item was identified requiring ESC maintenance. This issue was due to a third party impact. This item was not repaired within the required three day timeframe due to saturated right of way conditions and was completed the following day. Refer to Required Findings and Conclusions below regarding timely notification for extension requests.
1/3/2020	0.2"-0.3" - 8 Hours	2				2			1/6/2020 1/7/2020	Two items were identified requiring ESC maintenance. One item was repaired within the required three day timeframe and the second item was not repaired within the three day timeframe due to saturated right of way conditions and was completed the following day. Refer to Required Findings and Conclusions below regarding timely notification for extension requests.
1/7/2020	0.1"-0.4" - 24 Hours *Event on 1/4/19	1			1				1/8/2020	One item was identified requiring ESC maintenance. This issue was due to a third party impact. All items were repaired within the required three day timeframe.
1/8/2020	0.1"-0.5" - 5 Hours	1				1			1/9/2020	One item was identified requiring ESC maintenance and repaired within the required three day timeframe.
1/9/2020										
1/10/2020										
LANDOWNER 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				
1/2/2020	Sediment off of right of way at Museville Road GAS occurred on 12/31/2019.					The Environmental Auditor communicated with the LEI and was informed that minor grading and soil stabilization blanket measures were implemented to reduce runoff impacts. The Environmental Auditor recommends continued monitoring of this location.				
1/6/2020	Sediment off of right of way at Snow Creek Road GAS due to waterbar erosion around endtreatment.					The Environmental Auditor recommends continued monitoring and installing soil stabilization blanket as needed to address runoff related erosion.				
Carry over items (12/31/2019); 1/2/2020 and 1/3/2020	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					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 1/2/2020 through 1/12/2020. The Environmental Auditor recommends immediately notifying the VA DEQ for an extension request(s) when weather related conditions prohibit maintaining any ESC measure(s).				
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 ?	No	One rollover item from 12/31/2019 was identified by the VA DEQ and did not meet the required three day timeframe for routine maintenance. This item was subsequently repaired on 1/9/2020. One rollover item from 12/31/2019 was identified by the EI and did not meet the required 24-Hour timeframe to address offsite sediment. The Project right of way from the roll over through 1/12/2020 exhibited saturated conditions that delayed maintenance/repair activities and there were no potential impacts environmental resources. Three items identified by the EI on 1/2/2020 did not meet the three day required timeframe for routine maintenance and was addressed on 1/6/2020. One item identified on 1/2/2020 from the VA DEQ Observations and one item identified on 1/3/2020 from the VA DEQ Observations. The Environmental Auditor recommends immediately notifying the VA DEQ for an extension request(s) when weather related conditions prohibit maintaining any ESC measure(s).								

Report Period Ending: 1/26/2020

Report Prepared By: Joe Crea

**SUMMARY OF FINDINGS**

Total Number of SWPPP Inspections: **10** conducted on 1/13/2020 (Includes Transco Interconnect Station); **10** conducted on 1/17/2020 (Includes Transco Interconnect Station); **10** conducted on 1/23/2020 (Includes Transco Interconnect Station)

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (1/13/2020 through 1/26/2020): **250**

Total Number of ODCP Inspections at Laydown Yard 045/046 : **5** (1/13/2020 through 1/17/2020) One item was identified and immediately repaired on 1/13/2020; **5** (1/20/2020 through 1/24/2020)

Total Number of VA DEQ Observations (1/13/2020 through 1/26/2020): **13**

Total Number of Landowner Complaints: **0**

Total Number of Right of Way Impacts Caused by Third Parties: **24** (Vehicle rutting and Sediment Control BMP damage)

Total Number of Off Right of Way Impacts: **1** (Event occurred on 1/11/2020 and was approximately 0.5"-2.30" short duration/high intensity event). **Environmental Resources were not impacted.**

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 1/13/2020 through 1/26/2020.**

\*Refer to Carry Over Items From 1/10/2020 and 1/12/2020 For Verification of Completion Date(s)

**CARRY OVER ITEMS FROM 1/10/2020 AND 1/12/2020**

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
1/10/2020		4				4			4 on 1/13/2020	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
1/12/2020	0.5"-2.30" - 2 Hours *Event on 1/11/2020	1				1			1 on 1/13/2020	One item was identified requiring routine repair/maintenance and completed within the required timeframe.

**ENVIRONMENTAL INSPECTOR OBSERVATIONS**

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
1/13/2020	0.5"-2.30" - 2 Hours *Event on 1/11/2020	19				19		10 on 1/13/2020 4 on 1/14/2020	2 on 1/13/2020 3 on 1/14/2020	Nineteen items were identified requiring repair/maintenance and were completed within the required timeframes.
1/14/2020	Trace-0.6" - 10 Hours	20				20	24-Hour 6 submitted on 1/15/2020 Approved for 1/17/2020	1 on 1/14/2020 6 on 1/15/2020	1 on 1/14/2020 12 on 1/15/2020	Twenty items were identified requiring repair/maintenance and were completed within the required timeframes.
1/15/2020		22		1	2	19			8 on 1/15/2020 13 on 1/16/2020 1 on 1/17/2020	Twenty-two items were identified requiring repair/maintenance. One item identified as contributing to offsite sediment was repaired and the sediment retrieved within the required timeframe. No resources were impacted. Two of those items were caused by third party impacts. All items were completed within the required timeframes.
1/16/2020		8				8		1 on 1/17/2020	5 on 1/16/2020 2 on 1/17/2020	Eight items were identified requiring repair/maintenance and were completed within the required timeframes.
1/17/2020		48			3	45		7 on 1/17/2020 12 on 1/18/2020	2 on 1/17/2020 19 on 1/18/2020 6 on 1/19/2020 2 on 1/20/2020	Forty-eight items were identified requiring repair/maintenance. Three of those items were caused by third party impacts. All items were completed within the required timeframes.
1/18/2020		44			4	40		8 on 1/19/2020	27 on 1/19/2020 9 on 1/21/2020	Forty-four items were identified requiring repair/maintenance. Four of those items were caused by third party impacts. All items were completed within the required timeframes.
1/20/2020	Trace-0.2" *Event on 1/19/2020	17			3	14		1 on 1/20/2020 1 on 1/21/2020	5 on 1/20/2020 10 on 1/21/2020	Seventeen items were identified requiring repair/maintenance. Three of those items were caused by third party impacts. All items were completed within the required timeframes.
1/21/2020		20			2	18		2 on 1/21/2020 5 on 1/22/2020	8 on 1/21/2020 5 on 1/22/2020	Twenty items were identified requiring repair/maintenance. Two of those items caused by third party impacts. All items were completed within the required timeframes.
1/22/2020		5				5			5 on 1/23/2020	Five items were identified requiring repair/maintenance and were completed within the required timeframes.
1/23/2020		13			1	12		5 on 1/23/2020 4 on 1/24/2020	1 on 1/23/2020 3 on 1/24/2020	Thirteen items were identified requiring repair/maintenance. One of those items were caused by third party impacts. All items were completed within the required timeframes.
1/24/2020		4			1	3		3 on 1/24/2020	1 on 1/24/2020	Four items were identified requiring repair/maintenance. One of those items were caused by third party impacts. All items were completed within the required timeframes.

1/25/2020	1.40"-1.60" - 17 Hours	12			1	11		3 on 1/26/2020	9 on 1/26/2020	Twelve items were identified requiring repair/maintenance. One of those items were caused by third party impacts. All items were completed within the required timeframes.
1/26/2020		18				18		3 on 1/26/2020	7 on 1/26/2020	Eighteen items were identified requiring repair/maintenance and 10 were completed on the date of the observations.

**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
1/13/2020	0.5"-2.30" - 2 Hours *Event on 1/11/2020	3				3		Three on 1/13/2020		Three items were identified requiring repair/maintenance and completed within the required timeframe.
1/14/2020	Trace-0.6" - 10 Hours	3			1	2		Three on 1/14/2020		Three items were identified requiring repair/maintenance. One item was caused by third party impacts. All items identified were completed within the required timeframe.
1/15/2020		2			1	1		1 on 1/16/2020	1 on 1/16/2020	Two items were identified requiring repair/maintenance. One item was caused by third party impacts. All items identified were completed within the required timeframe.
1/16/2020		5			5			4 on 1/16/2020 1 on 1/17/2020		Five items were identified requiring repair/maintenance. Five items were caused by third party impacts. All items identified were completed within the required timeframe.

**LANDOWNER REPORTED COMPLAINTS**

DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS

**ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS**

DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS
1/13/2020	The Environmental Auditor conducted site evaluations at the following locations: Brick Church Road (CIS), Iron Ridge Road (CIS), Foggy Ridge Road/MVP-FR-305 (CIS), US-220 (CIS), Anderson Mill Road #1 (CIS) and Museville Road (GAS).	The Environmental Auditor communicated with the LEI and provided recommendations related to ESC maintenance and installing additional measures. The Environmental Auditor met with the Contractor environmental foreman in the field to review recommendations.
1/21/2020	The Environmental Auditor conducted site evaluations at the following locations: Jones Mill Road (CIS/GAS), Indian Cave Road (CIS/GAS) and Armstrong Road (CIS).	The Environmental Auditor communicated with the LEI and provided recommendations related to ESC maintenance at Indian Cave Road (CIS). The Environmental Auditor met with the Contractor environmental foreman in the field to review recommendations.
1/24/2020	The Environmental Auditor conducted site evaluations during a moderate to heavy rain event at the following locations: Brick Church Road (CIS/GAS), Iron Ridge Road (GAS), Foggy Ridge Road/MVP-FR-305 (CIS) and US-220 (CIS).	The Environmental Auditor observed ESC measures installed and functional at the time of the evaluation.
1/25/2020	The Environmental Auditor conducted site evaluations a Brick Church Road (CIS) and Indian Cave Road (GAS).	The Environmental Auditor communicated with the LEI and provided recommendations to address ESC measures requiring maintenance/repair due to the recent runoff event and will meet with the Contractor the week of 1/27/2020.
1/13/2020-1/26/2020	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPPs 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 continual BMP monitoring throughout the Spread I Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.

**REQUIRED FINDINGS AND CONCLUSIONS**

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

Report Period Ending: 2/9/2020  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 9 conducted on 1/29/2020 (includes Transco Interconnect Station) and 9 conducted on 2/4/2020 (includes Transco Interconnect Station)

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (1/27/2020 through 2/9/2020): 254

Total Number of ODCP Inspections at Laydown Yard 045/046 : 5 (1/27/2020 through 1/31/2020); 6 (2/3/2020 through 2/8/2020)

Total Number of VA DEQ Observations (1/27/2020 through 2/9/2020): 20

Total Number of Landowner Complaints: 0

Total Number of Right of Way Impacts Caused by Third Parties: 8

Total Number of Off Right of Way Impacts: 3 (1/24/2020-1/25/2020 event was approximately 1.4"-1.6" with prolonged intervals of heavy rainfall); 23 (2/5/2020-2/7/2020 event at impacted areas was approximately 3.6"-5.1"). Environmental Resources were not impacted.

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 1/27/2020 through 2/9/2020.

\*Refer to Carry Over Items From 1/26/2020 For Verification of Completion Date(s)

CARRY OVER ITEMS FROM 1/26/2020

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
1/26/2020	1.4"-1.6" - 17 Hours *Combined total from 1/24/2020-1/25/2020	8				8		3 on 1/27/2020	4 on 1/27/2020 1 on 1/28/2020	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.

ENVIRONMENTAL INSPECTOR OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
1/27/2020	1.4"-1.6" - 17 Hours *Combined total from 1/24/2020-1/25/2020	32		1	2	29		1 on 1/27/2020 10 on 1/28/2020	17 on 1/28/2020 4 on 1/29/2020	Thirty-one items were identified requiring repair/maintenance. One item identified as contributing to offsite sediment was repaired and the sediment retrieved within the required timeframe. No resources were impacted. Two of those items were caused by third party impacts. All items were completed within the required timeframes.
1/28/2020	1.4"-1.6" - 17 Hours *Combined total from 1/24/2020-1/25/2020	25		1 - Caused by Landowner removing sediment control BMP	1	23		4 on 1/28/2020 8 on 1/29/2020	3 on 1/28/2020 9 on 1/29/2020 1 on 1/30/2020	Twenty-five items were identified requiring repair/maintenance and were completed within the required timeframes. One item identified as causing an offsite impact was a result of a sediment control displaced by a third party. No resources were impacted.
1/29/2020		38			2	36		11 on 1/29/2020 10 on 1/30/2020	10 on 1/29/2020 7 on 1/30/2020	Thirty-eight items were identified requiring repair/maintenance and were completed within the required timeframes. Two items identified were caused by third party impacts.
1/30/2020	1.4"-1.6" - 17 Hours *Combined total from 1/24/2020-1/25/2020	21		1	1	19		2 on 1/30/2020 12 on 1/31/2020	1 on 1/30/2020 6 on 1/31/2020	Twenty-one items were identified requiring repair/maintenance and were completed within the required timeframes. One item identified as causing an offsite impact was immediately address and additional ESC measures have since been implemented. One item identified was caused by third party impacts. No resources were impacted.
1/31/2020		8				8		4 on 2/1/2020	4 on 2/1/2020	Eight items were identified requiring repair/maintenance and were completed within the required timeframes.
2/3/2020		4				4		1 on 2/3/2020	1 on 2/3/2020 2 on 2/4/2020	Four items were identified requiring repair/maintenance and were completed within the required timeframes.
2/4/2020		8			1	7		3 on 2/4/2020	4 on 2/4/2020 1 on 2/4/2020	Eight items were identified requiring repair/maintenance and were completed within the required timeframes. One item identified was caused by third party impacts.
2/5/2020		2			1	1			2 on 2/6/2020	Two items were identified requiring repair/maintenance and were completed within the required timeframes. One item identified was caused by third party impacts.
2/6/2020	0.9"-1.5" - Approx. 18+ Hours *Rainfall recorded from event beginning on 2/5/2020 with prolonged intervals of high intensity/short duration rainfall	3				3	3 requested on 2/9/2020 to be completed by 2/11/20			
2/7/2020	3.4"-5.1" - Approx. 48 Hours Prolonged intervals of high intensity short duration rainfall *Total Rainfall from 2/5/2020	49		12		37		23 on 2/7/2020 9 on 2/8/2020	1 on 2/7/2020 14 on 2/8/2020 2 on 2/9/2020	Forty-nine items were identified requiring repair/maintenance and were completed within the required timeframes. Twelve items were identified where offsite sediment impacts occurred in upland areas. The offsite sediment distances ranged from approximately 8 feet to 50 feet. Cleanup occurred and no resources were impacted (Refer to Conclusions and Recommendations).
2/8/2020	3.4"-5.1" - Approx. 48 Hours Prolonged intervals of high intensity short duration rainfall *Total Rainfall 2/5/2020-2/7/2020	37		10		27		18 on 2/9/2020	15 on 2/9/2020	Thirty-seven items were identified requiring repair/maintenance. Thirty-three items were completed within the required timeframes. Ten items were identified where offsite sediment impacts occurred in upland areas. The offsite sediment distances ranged from approximately 8 feet to 30 feet. Cleanup occurred on all but two areas waiting on landowner permission. No resources were impacted (Refer to Conclusions and Recommendations). Two items have three days to complete.
2/9/2020	3.4"-5.1" - Approx. 48 Hours Prolonged intervals of high intensity short duration rainfall *Total Rainfall 2/5/2020-2/7/2020	27		1		26				Twenty-seven items were identified requiring repair/maintenance. One item was identified where offsite sediment occurred and no resources were impacted. Twelve items have 24-hours to complete and 15 items have three days to complete.

VADEQ OBSERVATIONS										
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
1/27/2020		3				3		3 on 1/28/2020		Three items were identified requiring repair/maintenance and completed within the required timeframe.
1/28/2020		3				3		2 on 1/29/2020	1 on 1/30/2020	Three items were identified requiring repair/maintenance and completed within the required timeframe.
1/30/2020		3				3		2 on 1/31/2020	1 on 1/31/2020	Three items were identified requiring repair/maintenance and completed within the required timeframe.
2/4/2020		4				4		4 on 2/4/2020		Four items were identified requiring repair/maintenance and completed within the required timeframe.
2/5/2020		1				1		1 on 2/5/2020		One item was identified requiring repair/maintenance and completed within the required timeframe.
2/7/2020	3.4"-5.1" - Approx. 48 Hours Prolonged intervals of high intensity short duration rainfall *Total Rainfall from 2/5/2020	6				6		2 on 2/7/2020 2 on 2/8/2020	1 on 2/8/2020	Six items were identified requiring repair/maintenance. Five items were completed within the required timeframe and one item has three days to complete.

LANDOWNER 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
1/28/2020	The Environmental Auditor conducted site evaluations at the following locations: Brick Church Road (CIS), Golden View Road (CIS) and Ramsey Memorial Road (GAS). The Environmental Auditor observed	The Environmental Auditor communicated with the LEI and provided recommendations related to ESC maintenance and installing additional ESC measures. The Environmental Auditor met with the Contractor environmental foreman in the field to review recommendations.
1/29/2020	The Environmental Auditor conducted site evaluations at the following locations: Anderson Mill Road #1 (CIS) and Climax Road (GAS)	The Environmental Auditor observed ESC measures to be installed and functional at the time of the evaluations.
1/31/2020	The Environmental Auditor conducted site evaluations at Farm View Road (GAS), MVP-FR-313 (GAS), Jones Mill Lane (GAS) and Iron Ridge Road (GAS)	The Environmental Auditor communicated with the LEI and provided recommendations related to ESC maintenance and installing additional ESC measures.
2/3/2020	The Environmental Auditor conducted site evaluations at MVP-FR-313 (GAS), Jones Mill Lane (GAS), Oxford Road (GAS), Snowberry Road (GAS), MVP-PI-336.01 and the Transco Interconnect.	The Environmental Auditor communicated with the LEI and provided recommendations related to installing additional ESC measures at MVP-PI-336.01 (CIS). The Environmental Auditor met with the Contractor environmental foreman in the field to review recommendations at Jones Mill Lane (GAS) and MVP-FR-313 (GAS).
2/4/2020	The Environmental Auditor conducted site evaluations at Cahas Mountain Road #1 and #2 and observed ESC measures installed and functional.	The Environmental Auditor observed ESC measures to be installed and functional at the time of the evaluations.
2/5/2020	The Environmental Auditor conducted site evaluations at Bonbrook Mill Road #2 (CIS), Mill Creek Road (GAS), MVP-PI-338 (CIS/GAS) and Leaning Oak Road (CIS).	The Environmental Auditor communicated with the LEI and provided recommendations related to ESC maintenance and installing additional ESC measures.
2/6/2020	The Environmental Auditor conducted site evaluations at MVP-FR-320 (CIS), Golden View Road (CIS/GAS), MVP-FR-313 (GAS), US-220 (CIS), Iron Ridge Road (GAS) and Brick Church Road (CIS)/MVP-FR-300/ATWS-569A.	The Environmental Auditor communicated with the LEI and provided recommendations related to ESC maintenance and installing additional ESC measures.
2/7/2020	The Environmental Auditor conducted site evaluations to assess offsite sediment impacts at Mill Creek Road (CIS) and Dual Track Road (CIS/GAS).	The Environmental Auditor communicated with the Lead EI following the heavy precipitation event from 2/5/2020-2/7/2020 and recommended installing additional ESC measures related to erosion control via soil stabilization blanket and compost filter sock (CFS) check dams where offsite sediment impacts occurred.
2/8/2020	The Environmental Auditor conducted site evaluations to assess offsite sediment impacts at Riddle Road (CIS/GAS).	The Environmental Auditor communicated with the Lead EI following the heavy precipitation event from 2/5/2020-2/7/2020 and recommended installing additional ESC measures related to erosion control via soil stabilization blanket and compost filter sock (CFS) check dams where offsite sediment impacts occurred.
1/27/2020-2/9/2020	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPPs 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 continual BMP monitoring throughout the Spread I Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.

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

Report Period Ending: 2/23/2020  
 Report Prepared By: Joe Crea

**SUMMARY OF FINDINGS**

Total Number of SWPPP Inspections: **30** conducted from 2/10/2020 through 2/20/2020 (includes Transco Interconnect Station)  
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (2/10/2020 through 2/23/2020): **211** (includes Carry Over Items From 2/9/2020)  
 Total Number of ODCP Inspections at Laydown Yard 045/046 : **5** (2/10/2020 through 2/14/2020); **5** (2/17/2020 through 2/21/2020) A minor surface spill noted on 2/19/2020 was communicated to the Contractor and was noted as cleaned up in the 2/20/2020 report.  
 Total Number of VA DEQ Observations (2/10/2020 through 2/23/2020): **58**  
 Total Number of Landowner Complaints: **0**  
 Total Number of Right of Way Impacts Caused by Third Parties: **7**  
 Total Number of Off Right of Way Impacts: **6** (2/5/2020-2/7/2020 event at impacted areas was approximately 3.6"-5.1" followed by subsequent precipitation events on 2/12/2020 and 2/13/2020). **Environmental Resources were not impacted.**  
 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 2/10/2020 through 2/23/2020.**

\*Refer to Carry Over Items From 2/09/2020 For Verification of Completion Date(s)

**CARRY OVER ITEMS FROM 2/9/2020**

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
2/6/2020	3.4"-5.1" - Approx. 48 Hours Prolonged intervals of high intensity short duration rainfall *Total Rainfall 2/5/2020-2/7/2020	3				3	3 on 2/9/2020 to be completed on 2/12/2020. Extension requests extended to be completed on 2/15/2020 (1) and 2/18/2020 (2) due to saturated right of way conditions		1 on 2/12/2020 1 on 2/17/2020 1 on 2/18/2020	Three items were identified requiring ESC repair/maintenance and were completed within the required timeframe. These items required multiple extension requests due to saturated right of way conditions.
2/7/2020	3.4"-5.1" - Approx. 48 Hours Prolonged intervals of high intensity short duration rainfall *Total Rainfall 2/5/2020-2/7/2020	1 - DEQ Item				1	1 on 2/10/2020, 2/13/2020 and 2/16/2020 to be completed on 2/19/2020		1 on 2/19/2020	One item was identified requiring ESC repair/maintenance and was completed within the required timeframe. This item required multiple extension requests due to saturated right of way conditions.
2/8/2020	3.4"-5.1" - Approx. 48 Hours Prolonged intervals of high intensity short duration rainfall *Total Rainfall 2/5/2020-2/7/2020	2				2			1 on 2/9/2020 1 on 2/11/2020	Two items were identified requiring ESC repair/maintenance and were completed within the required timeframes.
2/9/2020	3.4"-5.1" - Approx. 48 Hours Prolonged intervals of high intensity short duration rainfall *Total Rainfall 2/5/2020-2/7/2020	27				27		12 on 2/10/2020	15 on 2/10/2020	Twenty-seven items were identified requiring ESC repair/maintenance and were completed within the required timeframes.

ENVIRONMENTAL INSPECTOR OBSERVATIONS										
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
2/10/2020	3.4"-5.1" - Approx. 48 Hours Prolonged intervals of high intensity short duration rainfall from 2/5/2020-2/7/2020	15		2		13		10 on 2/11/2020	5 on 2/11/2020	Fifteen items were identified requiring ESC repair/maintenance and were completed within the required timeframe. Two of the items were identified as offsite sediment impacts approximately 20-feet off the right of way within upland areas. Clean up occurred and no resources were impacted.
2/11/2020	0.5"-1.0" - Approx. 18 Hours *Total Rainfall beginning on 2/10/2020	12				12		4 on 2/12/20	8 on 2/12/2020	Twelve items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
2/12/2020	0.2"-0.3" - Approx. 3 Hours	34 *2 additional daily punchlist items moved to 2/14/2020				34	1 on 2/15/2020 to be completed by 2/18/2020	15 on 2/13/2020	18 on 2/13/2020 1 on 2/17/2020 (Ext. Request)	Thirty-four items were identified requiring ESC repair/maintenance and were completed within the required timeframe. One of the items received an extension approval. <b>*The Lead Environmental Inspector communicated that clerical errors occurred when entering the date for two items that were under review.</b>
2/13/2020	0.5"-1.0" - 18 Hours *Additional Rainfall from 2/12/2020	12		3		9		5 on 2/13/2020 1 on 2/14/2020	3 on 2/13/2020 2 on 2/14/2020	Twelve items were identified requiring ESC repair/maintenance and were completed within the required timeframe. Three of the items were identified as offsite sediment impacts (2 were approximately 10-feet off right of way and 1 was approximately 30-feet off right of way) within upland areas. Clean up occurred on two of the locations and one area is restricted access. No resources were impacted.
2/14/2020		28				28	1 on 2/17/2020 to be completed by 2/20/2020 1 on 2/17/2020 and 2/21/20 to be completed by 2/23/2020	6 on 2/15/2020	20 on 2/15/2020 1 on 2/17/2020 (Ext. Request) 1 on 2/22/2020 (Ext. Request)	Twenty-eight items were identified requiring ESC repair/maintenance and were completed within the required timeframe. Two of those items received extension approvals.
2/15/2020		1				1			1 on 2/15/2020	One item was identified requiring ESC repair/maintenance and was completed within the required timeframe.
2/17/2020		2 * 1 additional item was subsequently removed due to stationing error				2		2 on 2/18/2020		Three items were identified requiring ESC repair/maintenance and two were completed within the required timeframe. <b>*The Lead Environmental Inspector communicated that an incorrect station number was entered for the additional item that was eventually removed from the punchlist.</b>
2/18/2020		3				3	*3 on 2/22/2020 to be completed on 2/24/2020		2 (interim repairs) on 2/22/2020	Three items were identified requiring ESC repair/maintenance and two of the items were temporarily completed (interim maintenance/repair) within the required timeframe. These items will be fully completed when conditions are conducive for equipment use. <b>*The Lead Environmental Inspector communicated that a clerical error occurred on one item when entering the date for an extension request. The Extension Request date was submitted on 2/21/2020 and not 2/22/2020.</b>
2/19/2020		1				1		1 on 2/20/2020		One item was identified requiring ESC repair/maintenance and was completed within the required timeframe.
2/20/2020		41			5	36	*2 on 2/24/2020 to be completed on 2/26/2020	1 on 2/20/2020 14 on 2/21/2020	2 on 2/20/2020 22 on 2/21/2020	Forty-one items were identified requiring ESC repair/maintenance and 39 were completed within the required timeframe. Two items were identified requiring ESC repair/maintenance and were not repaired within the three day timeframe. <b>*The Lead Environmental Inspector communicated that a clerical error occurred on the two items when entering the date for an extension request. The Extension Request date was submitted on 2/23/2020 and not 2/24/2020.</b>
2/21/2020		17			1	16		7 on 2/22/2020	10 on 2/22/2020	Seventeen items were identified requiring ESC repair/maintenance and were completed within the required timeframe. One of the items was caused by third party impacts.
2/22/2020		12			1	11		5 on 2/22/2020		Twelve items were identified requiring ESC repair/maintenance and 5 were completed within the required timeframe. The remaining 7 items have a three day timeframe to complete. One of the items was caused by third party impacts.

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
2/10/2020	3.4"-5.1" - Approx. 48 Hours Prolonged intervals of high intensity short duration rainfall from 2/5/2020-2/7/2020	2				2		2 on 2/11/2020		Two items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
2/11/2020	0.5"-1.0" - Approx. 18 Hours *Total Rainfall beginning on 2/10/2020	6				6		1 on 2/11/2020 4 on 2/12/2020	1 on 2/12/2020	Six items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
2/12/2020	3.4"-5.1" - Approx. 48 Hours Prolonged intervals of high intensity short duration rainfall from 2/5/2020-2/7/2020 .20"-.30" - Approx. 3 Hours 2/12/2020	15		1		14	1 on 2/13/2020 and 2/16/2020 to be completed on 2/19/2020	1 on 2/18/2020	14 on 2/13/2020	Fifteen items were identified requiring ESC repair/maintenance and 14 were completed within the required timeframe. One of the items received an extension approval. One item identified contributed to an offsite sediment impact approximately 8-feet within an upland area. Clean up occurred and no resources were impacted.
2/13/2020	0.5"-1.0" - 18 Hours *Additional Rainfall from 2/12/2020	3				3		3 on 2/13/2020		Three items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
2/14/2020		6				6		3 on 2/15/2020	3 on 2/16/2020	Six items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
2/19/2020		16				16		5 on 2/19/2020 1 on 2/20/2020	4 on 2/19/2020 6 on 2/20/2020	Sixteen items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
2/20/2020		10				10	* 2 on 2/22/2020 to be completed on 2/24/2020 * 6 on 2/24/2020 to be completed on 2/26/2020	1 on 2/21/2020 2 (interim repairs) on 2/21/2020	1 on 2/21/2020	Ten items were identified requiring ESC repair/maintenance. Four items were completed within the required timeframe. Two of the four items were addressed via interim maintenance/repair and will be fully completed when conditions are conducive for equipment use. <b>*Lead Environmental Inspector communicated that the revised issue date has been changed to 2/23/2020 with a three day timeframe. The LEI communicated that a clerical error occurred on 6 items requiring a three day timeframe when entering the dates for extension requests. The Extension Request date for the 6 items items was submitted on 2/23/2020 and not 2/24/2020.</b>
LANDOWNER REPORTED COMPLAINTS										
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE					TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS										
DATE OF OBSERVATION	OBSERVATIONS					CONCLUSION AND RECOMMENDATIONS				
2/12/2020	The Environmental Auditor conducted site evaluations at the following locations: Ramsey Memorial Road (GAS), Indian Cave Road (CIS/GAS), Webster Road (GAS), Jones Mill Lane (CIS/GAS), Bonbrook Mill Road #2 (CIS) and US-220 (CIS)					The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the Lead Environmental Inspector (LEI) regarding observations and recommendations where ESC measures required maintenance/repair and/or additional BMPs to be installed.				
2/13/2020	The Environmental Auditor conducted site evaluations at the following location: Webster Road (GAS)					The Environmental Auditor met with the Contractor Environmental Coordinator (EC) and the EI to review observations and recommendations noted on 2/12/2020.				
2/18/2020	The Environmental Auditor conducted site evaluations at the following locations: Brick Church Road (CIS)/MVP-FR-300, Jones Mill Lane (CIS/GAS), Booker T. Washington Highway 122 and Foggy Ridge Road (CIS/GAS)					The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the Lead Environmental Inspector (LEI) regarding observations and recommendations where ESC measures required maintenance/repair.				
2/21/2020	The Environmental Auditor conducted site evaluations at the following locations: Jacks Creek Road (GAS) and Webster Road (GAS)					The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the Lead Environmental Inspector (LEI) regarding observations and recommendations where ESC measures required maintenance/repair.				
2/10/2020-2/23/2020	The Environmental Auditor reviewed the MVP Daily Punchlists and noted inconsistencies related to the following: dates when issues were identified, station numbering and dates pertaining to extension requests.					The Environmental Auditor recommends reviewing the MVP Daily Punchlist and making edits as needed prior to distribution. The Environmental Auditor recommends notifying the VA DEQ immediately for an extension request(s) when weather related conditions prohibit maintaining/repairing any ESC measure(s) within the required timeframe.				
2/10/2020-2/23/2020	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPPs 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 continual BMP monitoring throughout the Spread I Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.				
REQUIRED FINDINGS AND CONCLUSIONS										
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).								
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes									
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes									
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	*Yes	*Refer to Environmental Auditor Field Observations and Recommendations								



Report Period Ending: 3/8/2020  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: **20** conducted from 2/24/2020 through 3/8/2020 (includes Transco Interconnect Station)  
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (2/24/2020 through 3/8/2020): **87** (includes Carry Over Items From 2/23/2020)  
 Total Number of ODCP Inspections at Laydown Yard 045/046 : **5** (2/24/2020 through 2/28/2020); **5** (3/2/2020 through 3/6/2020)  
 Total Number of VA DEQ Observations (2/24/2020 through 3/8/2020): **37** (includes Carry Over items from 2/23/2020)  
 Total Number of Landowner Complaints: **0**  
 Total Number of Right of Way Impacts Caused by Third Parties: **9** (includes Carry Over items from 2/23/2020)  
 Total Number of Off Right of Way Impacts: **2** (2/24/2020 event at impacted areas was approximately 0.2"-0.7" within a 10 hour duration). **Environmental Resources were not impacted.**  
 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 2/24/2020 through 3/8/2020.**

\*Refer to Carry Over Items From The Report Period Ending 2/23/2020 For Verification of Completion Date(s)

CARRY OVER ITEMS FROM 2/23/2020

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
2/18/2020		1				1	*1 on 2/22/2020 to be completed on 2/24/2020 due to saturated right of way conditions		1 on 2/24/2020	One item was identified requiring ESC repair/maintenance and was completed within the required timeframe. These items extension requests due to saturated right of way conditions. <b>*The Extension Request date was requested on 2/21/2020 and not 2/22/2020 as noted on the punchlist.</b>
2/20/2020		8 - DEQ Items				8	*2 on 2/22/2020 to be completed on 2/24/2020 due to saturated right of way conditions. *6 on 2/24/2020 to be completed on 2/26/2020 due to saturated right of way conditons.	2 on 2/24/2020	6 on 2/24/2020	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe. These items required extension requests due to saturated right of way conditions. <b>*The Extension Request date for the 24-Hour items was requested on 2/21/2020 and not 2/22/2020 as noted on the punchlist. *The Extension Request date for the Three Day items was requested on 2/23/2020 and not 2/24/2020 as noted on the punchlist.</b>
2/20/2020		2			2		*2 on 2/24/2020 to be completed on 2/26/2020. Extension requests extended to be completed on 2/29/2020, 3/3/2020 and 3/6/2020 due to saturated right of way conditions.		2 on 3/4/2020	Two items were identified requiring ESC repair/maintenance and were completed within the required timeframe. These items required multiple extension requests due to saturated right of way conditions. <b>*The initial Extension Request date for the Three Day items was requested on 2/23/2020 and not 2/24/2020 as noted on the punchlist.</b>
2/22/2020		8			2	6	8 on 2/24/2020		8 on 2/24/2020	Eight items were identified requiring ESC repair/maintenance and were completed within the required timeframe. Two of the items were identified as impacts caused by third parties. These items required extension requests due to saturated right of way conditions.

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
2/24/2020		6				6		1 on 2/25/2020	3 on 2/25/2020 *2 on 2/26/2020	Six items were identified requiring ESC repair/maintenance and were completed within the required timeframe. *Two of the items were identified as damaged due to an offsite wildfire that impacted portions of the right of way.
2/25/2020	0.2"-0.7" - 10 Hours *Total Rainfall beginning on 2/24/2020	11				11		7 on 2/26/20	4 on 2/26/2020	Eleven items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
2/26/2020		10				10		3 on 2/27/2020	7 on 2/27/2020	Ten items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
2/27/2020	Trace-0.2" - 6 Hours *Total Rainfall beginning on 2/26/2020	11				11	1 on 3/1/2020 to be completed on 3/4/2020	3 on 2/28/2020	7 on 2/28/2020	Ten items were identified requiring ESC repair/maintenance
2/28/2020		9				9		1 on 2/28/2020	1 on 2/28/2020 7 on 3/2/2020	Nine items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/2/2020		5				5		1 on 3/2/2020 1 on 3/3/2020	3 on 3/3/2020	Three items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/3/2020	0.00"-0.2" - 4 Hours *Total Rainfall from 3/2/2020	4				4			4 on 3/4/2020	Four items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/4/2020		5				5			5 on 3/5/2020	Five items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/5/2020		10			1	9		1 on 3/5/2020	9 on 3/5/2020	Ten items were identified requiring ESC repair/maintenance and were completed within the required timeframe. One of the items was identified as impacts caused by third parties.
3/6/2020		5			1	4		1 on 3/6/2020	3 on 3/6/2020	Five items were identified requiring ESC repair/maintenance and four were completed within the required timeframe. The remaining one item has a three day time frame to complete. One of the items was identified as impacts caused by third parties.
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
2/24/2020		6				6		2 on 2/25/2020	4 on 2/25/2020	Six items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
2/25/2020	0.2"-0.7" - 10 Hours *Total Rainfall beginning on 2/24/2020	7				7		4 on 2/26/2020	3 on 2/26/2020	Seven items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
2/26/2020		2				2			2 on 2/27/2020	Two items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
2/27/2020	Trace-0.2" - 6 Hours *Total Rainfall beginning on 2/26/2020	2				2		1 on 2/27/2020 1 on 2/28/2020		Two items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
2/28/2020		10		2	3	5		6 on 2/28/2020	4 on 3/2/2020	Ten items were identified requiring ESC repair/maintenance and were completed within the required timeframe. Two of the items were identified as offsite sediment impacts approximately 10-feet off the right of way within upland areas caused by the rainfall event on 2/24/2020. Straw mulch stabilization and additional ESC measures were observed by the Environmental Auditor and no resources were impacted.
3/2/2020		2				2		1 on 3/2/2020	1 on 3/3/2020	Two items were identified requiring ESC repair/maintenance and were completed within the required timeframe.

LANDOWNER REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
2/25/2020	The Environmental Auditor conducted site evaluations at the following locations: US-220 (CIS), Timber Ridge Road (CIS) and Webster Road (GAS)	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the Lead Environmental Inspector (LEI) regarding observations and recommendations where ESC measures required maintenance/repair and/or additional BMPs to be installed.	
2/27/2020	The Environmental Auditor conducted site evaluations at the following locations: Transco Interconnect Station and Chalk Level Road (CIS/GAS)	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the Lead Environmental Inspector (LEI) regarding observations and recommendations where ESC measures required maintenance/repair and/or additional BMPs to be installed.	
2/28/2020	The Environmental Auditor conducted site evaluations at the following locations: Cahas Mountain Road (GAS), Brick Church Road/MVP-FR-300/ATWS-569A (CIS), Iron Ridge Road (CIS/GAS) and Foggy Ridge Road (CIS)	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the Lead Environmental Inspector (LEI) regarding observations and recommendations where ESC measures required maintenance/repair and/or additional BMPs to be installed.	
3/2/2020	The Environmental Auditor conducted site evaluations at the following locations: Lark Drive (CIS/GAS), Grass Land Drive (GAS), Rock Creek Road (CIS/GAS) and Snow Creek Road (CIS/GAS)	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the Lead Environmental Inspector (LEI) regarding observations and recommendations where ESC measures required maintenance/repair and/or additional BMPs to be installed.	
3/5/2020	The Environmental Auditor conducted site evaluations at the following locations: Museville Road (GAS), Armstrong Road (CIS), Jacks Creek Road (GAS), Tobacco Road (GAS) and Bonbrook Mill Road #2 (CIS)	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the Lead Environmental Inspector (LEI) regarding observations and recommendations where ESC measures required maintenance/repair and/or additional BMPs to be installed.	
2/24/2020-3/8/2020	The Environmental Auditor reviewed the MVP Daily Punchlist items that carried over from the 2/23/2020 Biweekly reporting period and noted inconsistencies with dates related to between email extension requests and the dates entered on the punchlist.	The Environmental Auditor made recommendations within the 2/23/2020 Biweekly Report to review the MVP Daily Punchlist and make edits as needed prior to distribution. It appears that this issue was resolved during the 3/8/2020 reporting period.	
2/24/2020-3/8/2020	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPPs 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 continual BMP monitoring throughout the Spread I Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

Report Period Ending: 3/22/2020  
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 30 conducted from 3/9/2020 through 3/22/2020 (includes Transco Interconnect Station)

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (3/9/2020 through 3/22/2020): 50

Total Number of ODCP Inspections at Laydown Yard 045/046 : 5 (3/9/2020 through 3/13/2020); 5 (3/16/2020 through 3/20/2020)

Total Number of VA DEQ Observations (3/9/2020 through 3/22/2020): 16

Total Number of Landowner Complaints: 0

Total Number of Right of Way Impacts Caused by Third Parties: 6

Total Number of Off Right of Way 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 3/9/2020 through 3/22/2020.

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
3/9/2020		3			2 (Cattle and Wildlife)	1			3 on 3/10/2020	Three items were identified requiring ESC repair/maintenance and were completed within the required timeframe. Two of the identified items were impacts caused by third parties.
3/10/2020		5				5		1 on 3/11/2020	4 on 3/11/2020	Five items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/11/2020		2				2		1 on 3/12/2020	1 on 3/11/2020	Two items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/12/2020		3				3			1 on 3/12/2020 2 on 3/13/2020	Three items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/13/2020	0.3"-0.5" - 6 Hours *Rainfall occurred late 3/12/2020	13			3 (Upslope Agland run-on and Cattle)	10	1 on 3/13/2020 to be completed on 3/16/2020 Denied by DEQ on 3/13/2020	5 on 3/13/2020	6 on 3/13/2020 2 on 3/16/2020	Thirteen items were identified requiring ESC repair/maintenance and were completed within the required timeframe. Three of the identified items were impacts caused by third parties.
3/16/2020	0.00"-0.2" - 4 Hours *Rainfall occurred on 3/14/2020	4			1	3		4 on 3/17/2020		Four items were identified requiring ESC repair/maintenance and were completed within the required timeframe. One of the identified items was an impact caused by third parties.
3/17/2020		2				2		2 on 3/18/2020		Two items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/18/2020		10				10		1 on 3/18/2020	2 on 3/18/2020 6 on 3/19/2020 1 on 3/20/2020	Ten items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/19/2020		8				8		3 on 3/20/2020	5 on 3/20/2020	Eight items were identified requiring ESC repair/maintenance and were completed within the required timeframe.

VADEQ OBSERVATIONS										
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
3/9/2020		1				1			1 on 3/10/2020	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
3/10/2020		2				2		2 on 3/11/2020		Two items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/11/2020		1				1			1 on 3/12/2020	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
3/12/2020	0.3"-0.5" - 6 Hours *Rainfall occurred late 3/12/2020	2				2			2 on 3/12/2020	Two items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/16/2020	0.00"-0.2" - 4 Hours *Rainfall occurred on 3/14/2020	1				1			1 on 3/17/2020	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
3/17/2020		1				1			1 on 3/18/2020	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
3/18/2020		3				3			3 on 3/19/2020	Three items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/19/2020		5				5			3 on 3/19/2020 2 on 3/20/2020	Five items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
LANDOWNER 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
3/9/2020	The Environmental Auditor conducted site evaluations at the following locations: Transco Interconnect Station, Chalk Level Road (CIS), Dual Track Road (GAS) and US-29 (GAS)	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the Lead Environmental Inspector (LEI) regarding observations and recommendations where ESC measures required maintenance/repair and/or additional BMPs to be installed.
3/10/2020	The Environmental Auditor conducted site evaluations at the following locations: US-220 (CIS), Bonbrook Mill Road #2 (CIS), Foggy Ridge Road/FR-305 (CIS), Iron Ridge Road (CIS/GAS) and Brick Church Road (CIS)/FR-300/ATWS-569A	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations.
3/12/2020	The Environmental Auditor conducted site evaluations at the following locations: MVP-FR-300 (GAS), Brick Church Road (GAS) and Farm View Road (CIS)	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the Lead Environmental Inspector (LEI) regarding observations and recommendations where ESC measures required maintenance/repair and/or additional BMPs to be installed.
3/16/2020	The Environmental Auditor conducted site evaluations at the following locations: MVP-FR-300 (CIS/GAS) and Brick Church Road (CIS/GAS)	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the Lead Environmental Inspector (LEI) regarding observations and recommendations where ESC measures required maintenance/repair and/or additional BMPs to be installed.
3/18/2020	The Environmental Auditor conducted site evaluations at the following locations: Grassy Hill Road (CIS/GAS), Green Level Road (GAS) and US-220 (CIS)	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the Lead Environmental Inspector (LEI) regarding observations and recommendations where ESC measures required maintenance/repair and/or additional BMPs to be installed.
3/20/2020	The Environmental Auditor conducted site evaluations at the following locations: Tobacco Road (CIS/GAS) and Webster Road (GAS)	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations.
3/9/2020-3/22/2020	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPPs 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 continual BMP monitoring throughout the Spread I Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.

**REQUIRED FINDINGS AND CONCLUSIONS**

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

Report Period Ending: 4/5/2020  
 Report Prepared By: Joe Crea

**SUMMARY OF FINDINGS**

Total Number of SWPPP Inspections: **20** conducted from 3/23/2020 through 4/5/2020 (includes Transco Interconnect Station)  
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (3/23/2020 through 4/5/2020): **31**  
 Total Number of ODCP Inspections at Laydown Yard 045/046 : **5** (3/23/2020 through 3/27/2020); **5** (3/30/2020 through 4/3/2020)  
 Total Number of VA DEQ Observations (3/23/2020 through 4/5/2020): **15**  
 Total Number of Landowner Complaints: **0**  
 Total Number of Right of Way Impacts Caused by Third Parties: **0**  
 Total Number of Off Right of Way Impacts: **0**  
 Total Number of 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 3/23/2020 through 4/5/2020.

**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
3/24/2020	Trace-0.2" - 4 Hours *Rainfall occurred on 3/23/2020	5				5		1 on 3/25/2020	4 on 3/25/2020	Five items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/25/2020	0.8"-1.0" - 14 Hours *Rainfall began on 3/24/2020	5				5		1 on 3/26/2020	4 on 3/26/2020	Five items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/26/2020		7				7			7 on 3/27/2020	Seven items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/27/2020		3				3			3 on 3/27/2020	Three items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/30/2020		2				2		1 on 3/31/2020	1 on 3/31/2020	Two items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/31/2020		3				3		1 on 4/1/2020	1 on 3/31/2020 1 on 4/1/2020	Three items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
4/1/2020	0.6"-1.0" - 18 Hours *Rainfall began on 3/31/2020	2				2			1 on 4/1/2020 1 on 4/2/2020	Two items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
4/3/2020		4				4				Four items were identified requiring ESC repair/maintenance and have three days to complete.

**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
3/26/2020	0.8"-1.0" - 14 Hours *Rainfall occurred from 3/24/2020-3/25/2020	3				3		1 on 3/27/2020	2 on 3/27/2020	Three items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/27/2020		2				2			2 on 3/27/2020	Two items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/30/2020		1				1			1 on 3/30/2020	One item was identified requiring ESC repair/maintenance and was completed within the required timeframe.
4/1/2020	0.6"-1.0" - 18 Hours *Rainfall began on 3/31/2020	9				9		2 on 4/1/2020	7 on 4/1/2020	Nine items were identified requiring ESC repair/maintenance and were completed within the required timeframe.

LANDOWNER 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	
3/23/2020	The Environmental Auditor conducted site evaluations at the following locations: Angle Plantation Road (CIS/GAS), Jones Mill Road (CIS/GAS), US-220 (CIS) and Iron Ridge Road (GAS)	The Environmental Auditor observed ESC measures installed and functional at the time of the evaluations.	
3/25/2020	The Environmental Auditor conducted site evaluations at the following locations: Transco Interconnect Connection, Mill Creek Road/MVP-PI-340 (GAS) and Anderson Mill Road #1(CIS)	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the Lead Environmental Inspector (LEI) regarding observations and recommendations where ESC measures required maintenance/repair and/or additional BMPs to be installed.	
3/30/2020	The Environmental Auditor conducted site evaluations at the following locations: Webster Road (CIS), Booker T. Washington Hwy. (GAS) and Longwood Road (GAS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the Lead Environmental Inspector (LEI) regarding observations and recommendations where ESC measures required maintenance/repair and/or additional BMPs to be installed.	
4/2/2020	The Environmental Auditor conducted site evaluations at the following locations: Brick Church Road (CIS/GAS), Iron Ridge Road (GAS) and Foggy Ridge Road/MVP-FR-305 (CIS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the Lead Environmental Inspector (LEI) regarding observations and recommendations where ESC measures required maintenance/repair and/or additional BMPs to be installed.	
4/3/2020	The Environmental Auditor conducted site evaluation at Cahas Mountain Road #1 (CIS).	The Environmental Auditor observed ESC measures installed and functional at the time of the evaluations.	
3/23/2020-4/5/2020	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPPs 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 continual BMP monitoring throughout the Spread I Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		