



# Mountain Valley Pipeline Project – Spread H

## Quarterly Report for Q1 2020

### April 15, 2020

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#### Environmental Auditor Contact Information

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#### I. Introduction

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

As required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity, Mountain Valley Pipeline, LLC (MVP) has developed Annual Standards and Specifications to identify means and methods for controlling erosion and sediment during construction and post construction. MVP currently has inspection staff requirements on the Spread H Project to include a Lead Environmental Inspector (LEI) and a 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 within this time frame would result in greater environmental impacts (provided the VA DEQ concurs).

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

- Montgomery, Roanoke and Franklin Counties
  - 12001+80-12544+06
  - 12638+24-12715+80
  - 12860+00-13120+00
  - 13196+41-13415+51

Inspections did not occur from January 1, 2020 through March 31, 2020, between approximate stations 12544+06-12638+24, 12715+80-12860+00, and 13120+00-13196+40 as earth disturbance activities have not commenced within these locations. No forward construction progress was occurring throughout Spread H during this reporting period.

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 erosion and sediment control and post construction stormwater management plans:

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

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

The Environmental Auditor utilized the following resources to assist with evaluating project compliance from 01/02/2020 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 H LEI Spread Pipe Line Workbook and Progress Tracker Spreadsheets;
- Project Rain Gauge Data;
- Spread H Scatter Sheets (Contractor Available Resources and Daily Work Locations);
- Annual Standards and Specifications;
- Oil Discharge Contingency Plan (ODPC) Inspection Reports; and
- Storm Water Pollution Prevention Plans (SWPPPs), Erosion and Sediment Control (ESC) Plans and Post Construction Stormwater Management (SWM) Plans

The Environmental Auditor also relied on assistance and information from the MVP staff, the MVP Spread H Environmental Inspection team, the Contractor Environmental team and the Tetra Tech Civil Engineering and Construction Management Departments during preparation of this report.

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 H-1A, the Environmental Inspectors observed at total of 50 items (includes carry over items) requiring repair/maintenance throughout the Q1 reporting period. Per Table G-1C, rainfall rates exceeded two inches over a two-hour duration from 1/11/2020 through 1/12/2020. This runoff event resulted in an off right of way sediment-related impact within an upland area identified on 1/13/2020. This event did not impact resources, the sediment was removed and the impacted area was temporarily stabilized. Erosion and sediment control measures were repaired/maintained within the required timeframe and additional BMPs were eventually installed. All items provided on the punchlist for the reporting period were communicated to the Contractor Environmental team and addressed within the required timeframes (Refer to Environmental Auditor Observations and Recommendations for further discussion). The Environmental Auditor noted that BMPs damage due to impacts caused by third parties (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 H-1A provides a summary of maintenance/repair items identified by the Environmental Inspectors throughout the Q1 reporting period:

**Table H-1A**

<b>Spread H 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>
January 2020	20	0	1	1
February 2020	*25	0	0	0
March 2020	5	0	0	0

\* Includes Carry Over Items

The Environmental inspectors conducted a total of 168 SWPPP inspections and provided respective VSIRs throughout the reporting period. Upon review of the SWPPP VSIRs and MVP Daily Punchlists, 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 PY-006 from 1/2/2020-3/31/2020. Twenty-two inspections were conducted in January, twenty-one inspections were conducted in February and twenty-two inspections were conducted in March. Action items were noted on 2/7/2020, which prompted an additional inspection on 2/8/2020. The MVP ODC inspector verified that all action items were addressed. No resources were impacted.

A total of 28 recordable rainfall events occurred throughout the Q1 reporting period. A high intensity/short duration rainfall event occurred within a two-hour timeframe from 1/11/2020 into 1/12/2020 resulting rainfall rates to exceed two (2) inches. Due to this event, one upland location was identified where offsite sediment impacts occurred. These events did not impact resources and all identified items were repaired/maintained within the required timeframe (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.

Based on rainfall gauge data provided by the Spread H Environmental Inspectors, the following Table H-1B provides a summary of monthly recorded rainfall dates, amounts based on lowest to highest rates, and estimated duration for each event throughout the Q1 reporting period:

**Table H-1B**

<b>Spread H 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	2/5/2020	0.9"-2.3" – 23 Hours	3/3/2020	0.1"-0.4" – 3 Hours
1/6/2020	0.2"-0.4" – 10 Hours *Showers on 1/3/2020 & 1/4/2020	2/7/2020	1.2"-2.8" Continued from 2/5/2020	3/11/2020	0.0"-0.1" – 16.5 Hours *Rainfall began on 3/10/2020
1/8/2020	0.1"-0.2" – 5 Hours *Snowmelt on 1/7/2020	2/11/2020	0.6"-1.1" – 22 Hours *Rainfall began on 2/10/2020	3/13/2020	0.5"-0.8" – 10.5 Hours *Rainfall began on 3/12/2020
<b>1/11/2020</b>	<b>1.0"-2.1" – 2 Hours</b>	2/13/2020	0.5"-0.7" – 20 Hours *Rainfall began on 2/12/2020	3/16/2020	0.3"-0.6" – 38 Hours *Rainfall began on 3/14/2020
1/14/2020	0.0"-0.1" – 2 Hours	2/19/2020	0.1"-0.2" – 8 Hours *Showers on 2/18/2020	3/17/2020	0.0"-0.1" – 2 Hours
1/20/2020	0.0"-0.1" – 6 Hours *Showers on 1/18/2020	2/25/2020	0.3"-0.4" – 6 Hours	3/19/2020	0.1"-0.4" – 7 Hours *Rainfall began on 3/18/2020
1/24/2020	0.0"-0.8" – 12 Hours	2/27/2020	0.0"-0.3" – 6 Hours	3/20/2020	0.0"-0.1" – 5 Hours *Rainfall began on 3/19/2020
1/25/2020	0.8"-1.4" – 12 Hours			3/23/2020	0.4"-0.5" – 69 Hours *Sporadic rainfall began on 3/20/2020
				3/24/2020	0.1"-0.3" – 1.5 Hours
				3/25/2020	1.0"-1.1" – 14.5 Hours *Rainfall began 3/24/2020
				3/26/2020	0.0"-0.1" – 1 Hour

#### **IV. Quarterly Summary of VA DEQ & DEQ Third Party Observations**

Per Table H-1C, the VA DEQ Inspectors observed at total of 35 items requiring repair/maintenance from throughout the Q1 reporting period. No impacts occurred to environmental resources and no off right of way impacts were observed during the reporting period. The VA DEQ Inspectors did not observe any right of way impacts caused by third parties during the reporting period. Punchlist items provided by the VA DEQ Inspectors were adequately addressed within the required timeframes.

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

**Table H-1C**

<b>Spread H 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	10	0	0	0
February 2020	16	0	0	0
March 2020	9	0	0	0

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

The Environmental Auditor did not note any formal Landowner/Third Party issues filed during the Q1 reporting period from January 1, 2020 through March 31, 2020.

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

Per Table H-1D, the Environmental Auditor conducted 37 site evaluations during the Q1 reporting period and 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 H LEI, Acting LEI and MVP staff. Repair/Maintenance items were forwarded to the respective EI by the LEI and those items were addressed within the required timeframe. The recommendations for the installation of additional ESC measures pertained to runoff control measures via soil stabilization blanket (SSB) to minimize the potential for accelerated erosion during runoff events. The Spread H Environmental Inspection staff are monitoring locations where recommendations were made for installing additional ESC measures. The recommended additional ESC measures will be installed as deemed necessary by the Spread H Environmental Inspection staff. The Environmental Auditor continues to monitor these areas. The Environmental Auditor also provided recommendations related to non-stormwater runoff and housekeeping measures and these recommendations are also being monitored and addressed as necessary.

The Environmental Auditor evaluated area where the off right of way sediment impact occurred during the 1/11/2020-1/12/2020 rainfall event and noted corrective actions were conducted following this event. The Environmental Auditor provided additional recommendations related to the installation of additional soil stabilization blanket, compost filter sock (CFS) check dams and augmenting sediment controls. The recommendations were observed to be implemented by the Contractor Environmental team with oversight from the Spread H Environmental Inspection team. The Environmental Auditor recommends continued monitoring areas where potential issues may result in accelerated erosion and offsite sedimentation and implement the appropriate ESC measures.

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

**Table H-1D**

<b>Environmental Auditor Field Observations</b>	
<b>Month</b>	<b>Total Observations</b>
January	7
February	13
March	17

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

Per Section IV. (b) (1) of the Consent Decree, the Environmental Auditor conducted site evaluations, evaluated VSIR/SWPPP reports and communicated with the Lead Environmental Inspector/ Environmental Inspectors and has concluded the following for the Spread H Project:

- The Best Management Practices for the Project have been implemented in accordance with MVP's Annual Standards and Specifications, erosion and sediment control plans and stormwater management plans;
- The temporary ESC measures were properly installed, inspected, and maintained; and

- All ineffective temporary E&SC measures observed by the Environmental Inspectors/Environmental Auditor were repaired and ESC measures in need of routine maintenance were maintained within the timeframes required by MVP's Annual Standards and Specifications or as otherwise provided in the Consent Decree.

Based on the aforementioned observations, the resources available and deployed in the field, including 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.

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.

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

SUMMARY OF FINDINGS										
Total Number of SWPPP Inspections: <b>20</b> conducted on 1/2/2020 and 1/8/2020										
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (1/2/2020 through 1/12/2020): <b>0</b>										
Total Number of ODCP Inspections at Laydown Yard PY-006: <b>2</b> (1/2/2020 through 1/3/2020); <b>5</b> (1/6/2020 through 1/10/2020)										
Total Number of VA DEQ Observations (1/2/2020 through 1/12/2020): <b>0</b>										
Total Number of Landowner Complaints: <b>0</b>										
Total Number of Right of Way Impacts Caused by Third Parties: <b>0</b>										
Total Number of Off Right of Way Impacts: <b>0</b>										
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: <b>0</b>										
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 1/2/2020 through 1/12/2020.										
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
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
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 - 1/12/2020	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPPs to be compliant during this reporting period for the Spread H Project.								The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continual BMP monitoring throughout the Spread H Project. Based on the SWPPP and MVP Punchlist findings, the Spread H Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.	
REQUIRED FINDINGS AND CONCLUSIONS										
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).								
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes									
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes									
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes									

Report Period Ending: 1/26/2020  
 Report Prepared By: Joe Crea

**SUMMARY OF FINDINGS**

Total Number of SWPPP Inspections: 9 conducted on 1/14/2020; 8 conducted on 1/20/2020 and 8 conducted on 1/24/2020. The Environmental Auditor noted Station inconsistency between SWPPP reports. The Environmental Auditor communicated with the Acting LEI and was informed that the inspectors entered the incorrect station numbers. Upon further investigation, the Acting LEI reviewed photo documentation and confirmed all applicable project areas were inspected. The Acting LEI communicated with all EIs and reviewed the issue to prevent further reporting issues.

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (1/13/2020 through 1/26/2020): 11

Total Number of ODCP Inspections at Laydown Yard PY-006: 5 (1/13/2020 through 1/17/2020) and 5 (1/20/2020 through 1/24/2020)

Total Number of VA DEQ Observations (1/13/2020 through 1/26/2020): 7

Total Number of Landowner Complaints: 0

Total Number of Right of Way Impacts Caused by Third Parties: 1 (Vehicle Rutting Identified by FERC inspector). See Environmental Inspector Observations.

Total Number of Off Right of Way Impacts: 1 (1/11/2020 high intensity/short duration event produced 1.0"-2.1" in 2 hours). No Environmental Resources Were 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.

**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	1.0"-2.1" - 2 Hours *1/11/2020 Event	8		1		7	1 to be completed on 1/19/2020	1 on 1/14/2020	2 on 1/14/2020 3 on 1/15/2020 1 on 1/16/2020 1 on 1/17/2020 (Ext)	Eight items were identified requiring repair/maintenance. One item identified as contributing to offsite sediment at approximate station 13072+00 and migrated approximately 5-feet from the edge of the right of way. The ESC measures were repaired and the sediment retrieved within the required timeframe. No resources were impacted. All items were completed within the required timeframes.
1/22/2020	0.0"-0.1" - 6 Hours *1/20/2020 Event	2				2			2 on 1/23/2020	Two items were identified requiring repair/maintenance and were completed within the required timeframes.
1/20/2020 - FERC		1			1					Vehicle rutting caused by third party impacts within an open field were observed by the FERC inspector and currently do not pose potential impacts to ESC measures or resources. This area will be monitored by the Environmental Inspection staff and added to the punchlist when surrounding land conditions are favorable to access the area without creating further 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
1/13/2020		2				2	2 to be completed on 1/15/2020	2 on 1/15/2020 (Ext)		Two items were identified requiring repair/maintenance and completed within the required timeframe.
1/14/2020	Trace-0.1" - 2 Hours	2				2	1 to be completed on 1/20/2020		1 on 1/15/2020 1 on 1/20/2020 (Ext)	Two items were identified requiring repair/maintenance and completed within the required timeframe.
1/15/2020		1				1			1 on 1/16/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.
1/22/2020		2				1			2 on 1/23/2020	Two items were identified requiring repair/maintenance and 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
1/15/2020	The Environmental Auditor conducted site evaluations at Flanders Road (CIS) and MVP-FR-290 (GAS) and observed maintenance/repair and monitoring items.	The Environmental Auditor communicated with the LEI and provided recommendations related to ESC repair/maintenance and installation of additional ESC measures at MVP-MN-290 (GAS). The Environmental Auditor recommended continued BMP monitoring at Flanders Road (CIS).
1/22/2020	The Environmental Auditor conducted site evaluations at MVP-MN-268/268.01, MVP-MN-273 (CIS/GAS) and MVP-MN-274 (CIS) and observed maintenance/repair items.	The Environmental Auditor communicated with the LEI and provided recommendations related to ESC repair/maintenance and installation of additional ESC measures at MVP-MN-268.01, MVP-MN-273 (CIS). The Environmental Auditor recommended ESC routine maintenance at MVP-MN-274 (CIS).
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 H Project.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continual BMP monitoring throughout the Spread H Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread H Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.

**REQUIRED FINDINGS AND CONCLUSIONS**

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

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

**SUMMARY OF FINDINGS**

Total Number of SWPPP Inspections: 9 conducted on 1/30/2020 and 10 conducted on 2/5/2020  
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (1/27/2020 through 2/9/2020): 20  
 Total Number of ODCP Inspections at Laydown Yard PY-006: 5 (1/27/2020 through 1/31/2020) and 6 (2/3/2020 through 2/8/2020); An additional ODCP Inspection occurred on 2/8/2020 and verified that action items noted on 2/7/2020 were addressed.  
 Total Number of VA DEQ Observations (1/27/2020 through 2/9/2020): 4  
 Total Number of Landowner Complaints: 0  
 Total Number of Right of Way Impacts Caused by Third Parties: 1  
 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 1/27/2020 through 2/9/2020.

**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
1/27/2020	0.9"-2.2" - 24 Hours *Combined total from 1/24/2020-1/25/2020	2				2			1 on 1/28/2020 1 on 1/29/2020	Two items were identified requiring repair/maintenance and were completed within the required timeframes.
1/29/2020		6			1 (Wildlife Impact)	5			4 on 1/30/2020 2 on 1/31/2020	Six items were identified requiring repair/maintenance and were completed within the required timeframes.
1/30/2020		1				1			1 on 1/31/2020	One item was identified requiring repair/maintenance and was completed within the required timeframe.
2/3/20		1				1			1 on 2/4/2020	One item was identified requiring repair/maintenance as a result of vehicle damage and was completed within the required timeframe.
2/6/2020	0.9"-2.3" - Approx. 18+ Hours Rainfall recorded from event beginning on 2/5/2020 with prolonged intervals of high intensity/short duration rainfall	4			1	3			3 on 2/6/2020 1 on 2/7/2020	Four items were identified requiring repair/maintenance and were completed within the required timeframe.
2/7/2020	2.7"-3.8" - Approx. 48 Hours *Combined total from 2/5/2020-2/7/2020 with prolonged intervals of high intensity/short duration rainfall	6				6		1 on 2/7/2020	3 on 2/7/2020	Six items were identified requiring repair/maintenance and four items were completed within the required timeframes. The remaining two items are to be completed within three days.

**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
1/29/2020		1				1			1 on 1/29/2020	One item was identified requiring repair/maintenance and was completed within the required timeframe.
1/31/2020		2				2			2 on 2/03/2020	Two items were identified requiring repair/maintenance and were completed within the required timeframe.
2/5/2020	0.9"-2.3" - Approx. 18+ Hours Rainfall recorded from event beginning on 2/5/2020 with prolonged intervals of high intensity/short duration rainfall	1				1			1 on 2/05/2020	One item was identified requiring repair/maintenance and completed within the required timeframe. This item was caused by third party impacts

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 a site evaluation at Webster Corner Road (CIS) and observed ESC measures requiring maintenance/repair and additional erosion control BMPs to be implemented.		The Environmental Auditor communicated with the acting LEI and provided recommendations related to ESC repair/maintenance and installation of additional erosion control measures.
1/29/2020	The Environmental Auditor met with the EI and Contractor Environmental foreman at Webster Corner Road (CIS) to discuss observations and recommendations identified on 1/28/2020.		The Environmental Auditor reviewed areas of concern noted on 1/28/2020 with the EI and Contractor Environmental foreman and provided guidance related to soil stabilization blanket installation.
2/4/2020	The Environmental Auditor conducted site evaluations at the following locations: Webster Corner Road (CIS), MVP-FR-290, MVP-MN-278.01 and MVP-MN-273 (CIS). The Environmental Auditor observed additional erosion controls installed at Webster Corner Road (CIS), the Contractor Environmental crew installing additional ESC measures at MVP-FR-290 and impacts caused by Third Parties on MVP-MN-278.01. ESC measures at all locations were observed to be installed and functional.		The Environmental Auditor communicated with the Spread H LEI and MVP Environmental regarding the impacts caused by third parties at MVP-MN-278.01. The Environmental Auditor recommends continued monitoring throughout the right of way.
2/7/2020	The Environmental Auditor conducted a site evaluation at Webster Corner Road (CIS) and observed ESC measures installed and functional at the time of the evaluation.		The Environmental Auditor communicated with the Spread H LEI/Acting LEI and recommended continued monitoring throughout this area of the right of way.
1/26/2020-2/09/2020	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPPs to be compliant during this reporting period for the Spread H Project.		The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continual BMP monitoring throughout the Spread H Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread H Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

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

SUMMARY OF FINDINGS										
Total Number of SWPPP Inspections: 29 conducted from 2/10/2020 through 2/21/2020										
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (2/10/2020 through 2/23/2020): 9 (includes two carry over items from 2/9/2020)										
Total Number of ODCP Inspections at Laydown Yard PY-006 : 5 (2/10/2020 through 2/14/2020); 5 (2/17/2020 through 2/21/2020)										
Total Number of VA DEQ Observations (2/10/2020 through 2/23/2020): 11										
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 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 2/09/2020										
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
2/7/2020	2.7"-3.8" - Approx. 48 Hours *Combined total from 2/5/2020-2/7/2020 with prolonged intervals of high intensity/short duration rainfall	2				2	1 requested on 2/13/2020, 2/14/2020 and 2/14/2020 to be completed by 2/17/2020		1 on 2/10/2020 1 on 2/17/2020	Two items were identified requiring ESC repair/maintenance and were completed within the required timeframe. One item identified required multiple extension requests due to third party (opposition group) interference.
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		5				5	1 requested on 2/13/2020, 2/14/2020 and 2/17/2020 to be completed by 2/19/2020		2 on 2/11/2020 1 on 2/12/2020 1 on 2/13/2020 1 on 2/18/2020 (Ext. Request)	Five items were identified requiring ESC repair/maintenance and were completed within the required timeframe. One item identified required multiple extension requests due to third party (opposition group) interference.
2/11/2020	0.6"-1.0" - 22 Hours	1				1			2/12/2020	One item was identified requiring ESC repair/maintenance and was completed within the required timeframe.
2/18/2020	Isolated intermittent light rain showers began at 1:00 p.m.	1				1			1 on 2/19/2020	One item was identified requiring ESC repair/maintenance and was 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
2/10/2020		3				3			3 on 2/11/2020	Three items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
2/11/2020	0.6"-1.0" - 22 Hours	6				6	1 requested on 2/12/2020 and 2/13/2020 to be completed by 2/14/2020	1 completed on 2/14/2020 (Ext. Request)	5 completed on 2/12/2020	Six items were identified requiring ESC repair/maintenance and were completed within the required timeframe. One of those items received an extension approval.
2/19/2020		2				2			2 on 2/19/2020	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	
2/13/2020	The Environmental Auditor conducted site evaluations at the following locations: MVP-FR-290 (GAS) and Honeysuckle Road (GAS)	The Environmental Auditor observed ESC measures to be installed and functional at the time of the evaluations.	
2/19/2020	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-268/268.01, MVP-MN-270.01 (CIS) and MVP-AR-028	The Environmental Auditor observed ESC measures to be installed and functional at the time of the evaluations.	
2/20/2020	The Environmental Auditor conducted a site evaluation at MVP-MN-278.01	The Environmental Auditor observed ESC measures to be installed and functional at the time of the evaluations.	
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 H Project.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continual BMP monitoring throughout the Spread H Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread H Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

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

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 20 conducted from 2/24/2020 through 3/8/2020  
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (2/24/2020 through 3/8/2020): 6  
 Total Number of ODCP Inspections at Laydown Yard PY-006 : 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): 5  
 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 2/24/2020 through 3/8/2020.

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
2/25/2020	0.3"-0.4" - 6 Hours *Rainfall occurred on 2/24/2020 into 2/25/2020	1				1			1 on 2/27/2020	One item was identified requiring repair/maintenance and was completed within the required timeframe.
2/26/2020		2				2			2 on 2/27/2020	Two items were identified requiring repair/maintenance and were completed within the required timeframe.
2/27/2020	Trace-0.3" - 6 Hours *Rainfall occurred on 2/26/2020	2				2		1 on 2/28/2020	1 on 2/28/2020	Two items were identified requiring repair/maintenance and were completed within the required timeframe.
3/4/2020		1				1		1 on 3/5/2020		One item was identified requiring repair/maintenance and was 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
2/27/2020	0.2"-0.5" - 3 Hours *Rainfall occurred on 2/24/2020	4				4		2 on 2/28/2020	2 on 2/28/2020	Four items were identified requiring repair/maintenance and completed within the required timeframe.
3/6/2020		1				1				One item was identified requiring repair/maintenance and has a Three Day timeframe to be completed.

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	
2/24/2020	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-270.01 and MVP-MN-270	The Environmental Auditor observed ESC measures to be installed and functional at the time of the evaluation and provided the LEI with recommendations.	
3/2/2020	The Environmental Auditor conducted site evaluations at MVP-MN-273 (CIS/GAS)	The Environmental Auditor observed ESC measures to be installed and functional at the time of the evaluation.	
3/4/2020	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-268/268.01 and Bradshaw Road/MVP-MN-274 (CIS)	The Environmental Auditor observed ESC measures to be installed and functional at the time of the evaluation and provided the LEI with recommendations.	
3/6/2020	The Environmental Auditor conducted site evaluations at the following locations: Webster Corner Road (CIS/GAS) and Wades Gap Road (CIS/GAS)	The Environmental Auditor observed ESC measures to be installed and functional at the time of the evaluation.	
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 H Project.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continual BMP monitoring throughout the Spread H Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread H Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

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

SUMMARY OF FINDINGS										
Total Number of SWPPP Inspections: <b>22</b> conducted from 3/9/2020 through 3/22/2020										
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (3/9/2020 through 3/22/2020): <b>0</b>										
Total Number of ODCP Inspections at Laydown Yard PY-006 : <b>5</b> (3/9/2020 through 3/13/2020); <b>5</b> (3/16/2020 through 3/20/2020)										
Total Number of VA DEQ Observations (3/9/2020 through 3/22/2020): <b>3</b>										
Total Number of Landowner Complaints: <b>0</b>										
Total Number of Right of Way Impacts Caused by Third Parties: <b>0</b>										
Total Number of Off Right of Way Impacts: <b>0</b>										
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: <b>0</b>										
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 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
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
3/11/2020	0.00"-0.1" - 14.5 Hours *Rainfall began on 3/10/2020	2				2			1 on 3/11/2020 1 on 3/12/2020	Two items were identified requiring repair/maintenance and were completed within the required timeframe.
3/12/2020		1				1			1 on 3/13/2020	One item was identified requiring repair/maintenance and 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
3/10/2020	The Environmental Auditor conducted site evaluations at the following locations: Flanders Road (CIS/GAS), MVP-FR-291, MVP-FR-289 and MVP-RO-279.01.	The Environmental Auditor observed ESC measures to be installed and functional at the time of the evaluation.
3/17/2020	The Environmental Auditor conducted site evaluations at MVP-MN-276.03 and Bradshaw Road/MVP-MN-274 (CIS).	The Environmental Auditor observed ESC measures to be installed and functional at the time of the evaluation and provided the Acting LEI with recommendations related to monitor areas where temporary stabilization occurred.
3/8/2020-3/24/2020	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPPs to be compliant during this reporting period for the Spread H Project.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continual BMP monitoring throughout the Spread H Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread H Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.

**REQUIRED FINDINGS AND CONCLUSIONS**

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

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

**SUMMARY OF FINDINGS**

Total Number of SWPPP Inspections: 21 conducted from 3/23/2020 through 4/5/2020  
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (3/23/2020 through 4/5/2020): 9  
 Total Number of ODCP Inspections at Laydown Yard PY-006 : 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): 6  
 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	0.1"-0.3" - 2 Hours *Rainfall occurred on 3/23/2020	1				1			1 on 3/25/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.
3/25/2020	0.1"-0.3" - 14.5 Hours *Rainfall began on 3/24/2020	1				1			1 on 3/26/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.
3/27/2020		1				1			1 on 3/27/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.
3/31/2020		1				1			1 on 4/1/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.
4/1/2020	0.9"-1.2" - 23 Hours *Rainfall began on 3/31/2020	2				2		2 on 4/2/2020		Two items were identified requiring repair/maintenance and completed within the required timeframe.
4/2/2020		3				3			3 on 4/3/2020	Three items were identified requiring repair/maintenance and completed within the required timeframe.

**VADEQ OBSERVATIONS**

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
3/24/2020	0.1"-0.3" - 2 Hours *Rainfall occurred on 3/23/2020	1				1			1 on 3/25/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.
3/27/2020		3				3			1 on 3/27/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.
3/30/2020		1				1			1 on 3/31/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.
4/1/2020	0.9"-1.2" - 23 Hours *Rainfall began on 3/31/2020	1				1			1 on 4/2/2020	One item was identified requiring repair/maintenance and 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	
3/24/2020	The Environmental Auditor conducted site evaluations at the following locations: MVP-RO-280 (CIS/GAS), MVP-FR-290 and US-221 (GAS).	The Environmental Auditor observed ESC measures to be installed and functional at the time of the evaluation.	
3/27/2020	The Environmental Auditor conducted site evaluations at MVP-MN-273 (CIS/GAS), Flatwoods Road (GAS) and MVP-MN-268 & 268.01.	The Environmental Auditor observed ESC measures to be installed and functional at the time of the evaluation and provided the Acting LEI with recommendations related to monitor areas where temporary stabilization occurred.	
4/1/2020	The Environmental Auditor conducted a site evaluation at MVP-MN-268 & 268.01.	The Environmental Auditor observed ESC measures to be installed and functional at the time of the evaluation and provided the LEI with a recommendation related to installing additional erosion control measures and relocating a porta potty unit.	
4/3/2020	The Environmental Auditor conducted a site evaluation at Cahas Mountain Road #1 (CIS).	The Environmental Auditor observed ESC measures to be installed and functional at the time of the evaluation and provided the LEI with a recommendation related to maintenance/repair.	
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 H Project.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continual BMP monitoring throughout the Spread H Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread H Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		