

Mountain Valley Pipeline Project – Spread H

Quarterly Report for Q2 2020

July 15, 2020

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 spread is located in Montgomery, Roanoke and Franklin Counties.

As required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity, Mountain Valley Pipeline, LLC (MVP) has developed Annual Standards and Specifications to identify means and methods for controlling erosion and sediment during construction and post construction. MVP currently has inspection staff requirements on the Spread H Project to include a Lead Environmental Inspector (LEI) and a 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 24 hours of identification, or as soon as conditions allow if compliance within this time frame would result in greater environmental impacts (provided the VA DEQ concurs). Temporary ESC measures that are still effective but found to be in need of routine maintenance must be maintained within three days, unless an extension is granted by VA DEQ.

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

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

Inspections did not occur from April 1, 2020 through June 30, 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 occurred 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 04/01/2020 through 06/30/2020 (end of reporting period for Q2 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;
- Storm Water Pollution Prevention Plans (SWPPPs), Erosion and Sediment Control (ESC) Plans and Post Construction Stormwater Management (SWM) Plans; and
- VA DEQ Complaint Investigation Report, April 16, 2020

The Environmental Auditor also relied on assistance and information from the MVP staff, the MVP Spread H Environmental Inspection team, the MVP Geotech 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 April 1, 2020 through June 30, 2020 (Q2 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 79 daily punchlist items (includes carry over items from previous Biweekly Reports) requiring repair/maintenance throughout the Q2 reporting period. All items provided on the punchlist for the reporting period were communicated to the Contractor Environmental team and addressed within the required timeframes. During this reporting period, the Environmental Auditor noted three items identified as ESC measures damaged due to impacts caused by third party activities. The ESC measures were subsequently repaired/maintained within the required timeframes.

Based on the MVP Punchlist data and the Environmental Auditor’s Bi-Weekly Reports, the following Table H-1A provides a summary of maintenance/repair items identified by the Environmental Inspectors throughout the Q2 reporting period:

Table H-1A

Spread H Environmental Inspector Observations: April 1, 2020 – June 30, 2020				
Monthly Observation	Total Number Observations	Environmental Resource Impact	Off Right of Way Impact	Right of Way Impacts Caused by Third Parties
April 2020	*35	0	0	0
May 2020	16	0	0	0
June 2020	28	0	0	3

* Includes Carry Over Items from previous Biweekly Reports

The EIs conducted a total of 168 SWPPP inspections and provided respective VSIRs throughout the reporting period. Items identified during the SWPPP inspections were communicated to the Contractor Environmental team and either addressed the same day or added to the MVP Daily Punchlist. Upon review of the SWPPP VSIRs and MVP Daily Punchlists, it appears that the EIs’ observations were communicated to the contractor and noted issues were maintained/repared within the 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 4/1/2020-6/30/2020. Twenty-two inspections were conducted in April, twenty inspections were conducted in May and twenty-two inspections were conducted in June. No action items were noted during the Q2 reporting period.

An approximate total of 33 recordable rainfall events occurred during the Q2 reporting period. A high intensity/short duration event from 4/12/2020 through 4/15/2020 caused an off right of way sediment impact at MVP-MN-278.01/Yellow Finch Lane within an upland location and did not impact Environmental Resources (Refer to Table H-1C). The ESC measures at this location were properly installed and maintained prior to the runoff event but were subsequently damaged via vandalism from third party impacts (Refer to Sections IV., V. and VI. of this report for further discussion).

Flooding from this event also damaged the timber mat bridge at S-G36 (MVP-MN-268.01) which caused the timber mats to become dislodged from the bridge. The Contractor Environmental crew was able to remove the timber mats from the stream via an upland location and the temporary bridge was repaired. The flooding also caused S-Q20 to overtop the stream banks causing a portion of the preexisting road used by MVP as an access road (MVP-RO-288) to washout (gravel) and subsequently impact an adjacent wetland (W-Q11). It should be noted that an existing culvert system was installed at this location prior to this pipeline project and no construction activities (grading) have been conducted on this access road by MVP.

The ESC measures have been repaired/replaced along the access road; however, the gravel deposited within the wetland cannot be removed due to restricted access.

Prolonged storm events with intervals of high intensity/short duration rainfall occurred from 5/18/2020-5/22/2020 and 6/14/2020-6/18/2020 and caused rainfall rates to exceed approximately 11+ inches and 9 inches respectively. No offsite or Environmental Resource impacts occurred during these events.

Due to the frequency/intensity of the prolonged precipitation events coupled with saturated conditions, repair/maintenance within the allotted timeframes required 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 H EIs, the following Table H-1B provides a summary of monthly recorded rainfall dates, amounts based on lowest to highest rates, and estimated duration for each event throughout the Q2 reporting period:

Table H-1B

Spread H Rainfall and Duration Rates: April 1, 2020 – June 30, 2020					
April		May		June	
Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
4/1/2020	0.9"-1.2" – 23 Hours *Rainfall began on 3/31/2020	5/4/2020	0.0"-0.1" – 1 Hour	6/5/2020	0.0"-0.6" – 4 Hours *Rainfall occurred on 6/4/2020
4/7/2020	0.0"-0.1" – 1 Hour *Rainfall occurred on 4/6/2020	5/6/2020	0.2"-0.3" – 15.5 Hours *Rainfall occurred on 5/5/2020	6/8/2020	0.1"-1.4" – 10 Hours Rainfall occurred on 6/5/2020
4/9/2020	0.2"-0.6" – 2 Hours *High Intensity/Short Duration Events occurred on 4/8/2020	5/11/2020	0.0"-0.2" – 2 Hours *Rainfall occurred late 5/8/2020 through 5/9/2020	6/10/2020	0.0"-0.4" – 17 Hours *Rainfall occurred from 6/10/2020-6/11/2020
4/13/2020	1.0"-4.0" – 13 Hours *Rainfall began on 4/12/2020 with intervals of high intensity short duration events.	5/15/2020	0.0"-0.3" – 4.25 Hours *Rainfall occurred on 5/14/2020	6/15/2020	0.3"-1.8" – 4.5 Hours *Thunderstorms occurred on 6/14/2020
4/14/2020	0.0"-0.1" – 1 Hour *Rainfall occurred on 4/13/2020	5/19/2020	0.4"-1.9" – 24 Hours *Rainfall began on 5/18/2020	6/16/2020	0.2"-0.7" – 18.25 Hours *Rainfall occurred from 6/15/2020-6/16/2020
4/15/2020	0.1"-0.4" – 5 Hours *Rainfall began on 4/14/2020 into 4/15/2020	5/20/2020	1.2"-3.0" – 24 Hours *Additional rainfall from 5/19/2020	6/17/2020	1.1"-3.0" – 24 Hours *Rainfall began on 6/16/2020
4/20/2020	0.5"-0.8" – 3 Hours	5/21/2020	1.6"-4.0" – 24 Hours *Additional rainfall from 5/20/2020	6/18/2020	1.0"-3.5" – 24 Hours *Additional rainfall from 6/17/2020
4/23/2020	0.3"-1.0" – 21 Hours	5/22/2020	1.1"-2.9" – 24 Hours *Additional rainfall from 5/21/2020	6/19/2020	0.0"-0.1" – 9 Hours *Rainfall occurred on 6/18/2020
4/25/2020	0.4"-1.1" – 12 Hours	5/23/2020	0.1" – 4.5 Hours Thunderstorms occurred late 5/22/2020	6/22/2020	0.0"-0.1" – 4 Hours *Rainfall occurred on 6/19/2020
4/30/2020	1.2"-2.2" – 14 Hours *Rainfall began on 4/29/2020	5/26/2020	0.0"-1.1" – 1.75 Hours *Thunderstorms occurred on 5/24/2020	6/24/2020	0.1"-0.5" – 2 Hours *Rainfall occurred on 6/23/2020
		5/28/2020	1.0"-2.7" – 17 Hours *Intermittent rainfall occurred from 5/27/2020-5/28/2020	6/25/2020	0.0"-0.1" - .5 Hours
				6/29/2020	0.0"-0.1" – 1.25 Hours *Rainfall occurred on 6/28/2020

IV. Quarterly Summary of VA DEQ Observations

Per Table H-1C, the VA DEQ Inspectors observed a total of 42 items requiring repair/maintenance from throughout the Q2 reporting period. During inspections following a high intensity/short duration event from 4/12/2020 through 4/13/2020 the VA DEQ observed two off right of way impacts at MVP-MN-278.01/Yellow Finch Road and MVP-MN-268.01. The ESC measures at MVP-MN-278.01 were properly installed and maintained prior to the runoff event but were subsequently damaged by vandalism from a third party (discussed further in Section V). The ESC measures have been repaired/replaced. The offsite sediment cannot be retrieved due to restricted access. The VA DEQ observed an off right of way impact (non-sediment related) due to floodwaters dislodging a portion of the timber mat bridge at S-G36 (MVP-MN-268.01). The Contractor Environmental crew was able to retrieve the timber mat from the stream via an upland location and the temporary bridge with affiliated ESC measures were repaired.

The VA DEQ observed a wetland (W-Q11) impacted by gravel washout from MVP-RO-288 due to an adjacent stream leaving its banks and flooding the roadway (also noted above in Section III). The ESC measures have been repaired/replaced along the access road. The deposited gravel within W-Q11 could not be removed due to restricted access.

The VA DEQ Inspectors observed three right of way impacts caused by third party activities during the reporting period. The damaged ESC measures were repaired/maintained within the required timeframe. 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 Q2 reporting period:

Table H-1C

Spread H VADEQ Observations: April 1, 2020 – June 30, 2020				
Monthly Observation	Total Number Observations	Environmental Resource Impact	Off Right of Way Impact	Right of Way Impacts Caused by Third Parties
April 2020	21	1	2	3
May 2020	11	0	0	0
June 2020	10	0	0	0

V. Quarterly Summary of Landowner/Third Party Issues

The Environmental Auditor reviewed a VA DEQ Complaint Investigation Report dated April 16, 2020. The report entailed a complaint submitted to the VA DEQ on April 15, 2020 following a heavy runoff event. The complainant cited "multiple breaches of erosion and sediment controls" along the MVP Right of Way at MVP-MN-278.01/Yellow Finch Lane. The VA DEQ conducted an onsite investigation on 4/16/2020 and observed damaged/breached ESC measures along the MVP-MN-278.01 access road at the time of the investigation. One location was observed to have an off right of way impact. The ESC measures were observed to have been vandalized by a third party. Construction has not commenced on the access road and the VA DEQ acknowledged that the access road has been damaged by a previous non-pipeline related logging operation. Five items were identified requiring ESC repair/maintenance. Three of the identified items were a result of impacts caused by third party activities and two of the identified items required repair/maintenance. The Spread H Environmental Inspection staff coordinated with the Contractor Environmental team and all identified items were completed within the required Three-Day timeframe with the exception of one item that received an extension that was completed on 4/23/2020. The off right of way impact cannot be addressed due to restricted access.

VI. Quarterly Summary of Environmental Auditor Observations and Recommendations

Per Table H-1D, the Environmental Auditor conducted 31 site evaluations during the Q2 reporting period and observed locations where ESC measures required repair/maintenance and provided recommendations to enhance existing or install additional ESC measures as necessary to minimize erosion and sediment impacts. During the reporting period, the Environmental Auditor communicated observations and recommendations with the Spread H LEI and MVP staff. Repair/Maintenance items were forwarded to the respective EIs by the LEI and those items were addressed within the required timeframe. The recommendations to install (enhance) additional ESC measures pertained to runoff control measures via temporary stabilization and soil stabilization blanket (SSB) to minimize the potential for accelerated erosion during runoff events. The Spread H Environmental Inspection staff and Environmental Auditor continue to monitor locations where additional ESC measures may need to be installed as necessary. The Environmental Auditor continues to monitor these areas. The Environmental Auditor also provided recommendations related to non-stormwater runoff and housekeeping measures and these identified items have been adequately addressed.

The Environmental Auditor communicated with Spread H LEI regarding off right of way sediment impacts identified on 4/13/2020 (MVP-RO-288) and 4/17/2020 (MVP-MN-278.01/Yellow Finch Lane) due to a flooding event and right of way impacts caused by third party activities (vandalism), respectively. The Environmental Auditor confirmed that ESC measures have been repaired throughout MVP-RO-288 where a wetland was impacted during a flooding event. The deposited gravel from the access road cannot be removed from the wetland due to restricted access. The Environmental Auditor also confirmed that ESC measures have been repaired throughout MVP-MN-278.01/Yellow Finch Lane following vandalism by third party impacts to ESC measures. The off right of way sediment impact could not be retrieved due to restricted access.

The Environmental Auditor evaluated the temporary bridge and affiliated ESC measures at MVP-MN-268.01 (S-G36) and confirmed that bridge and ESC measures have been repaired.

The Environmental Auditor recommends that the MVP EIs continue to monitor areas where potential issues may result in accelerated erosion and offsite sedimentation and implement the appropriate ESC measures as necessary.

The following Table H-1D provides a summary of the monthly total number of observations (site evaluations) conducted by the Environmental Auditor throughout the Q2 reporting period.

Table H-1D

Environmental Auditor Field Observations: April 1, 2020 – June 30, 2020	
Month	Total Observations
April	11
May	7
June	13

VII. Conclusion(s)

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

- The Best Management Practices for the Project have been implemented in accordance with MVP's Annual Standards and Specifications, erosion and sediment control plans and stormwater management plans;
- The temporary ESC measures were properly installed, inspected, and maintained; and
- All ineffective temporary E&SC measures observed by the Environmental Inspectors/Environmental Auditor were repaired and ESC measures in need of routine maintenance were maintained within the timeframes required by MVP's Annual Standards and Specifications or as otherwise provided in the Consent Decree.

Based on the aforementioned observations, the resources available and deployed in the field, including EIs and the construction contractor, were sufficient to regularly and consistently conduct routine maintenance and/or repair ineffective ESC measures in a timely manner throughout the Q2 reporting period.

In accordance with Section IV.a of the Consent Decree, the Environmental Auditor concludes that all alleged instances of non-compliance with MVP's Annual Standards and Specifications, MVP's Site-Specific ESC and SWM Plans, and Clean Water Act Section 401 Water Quality Certification No. 17.001 addressed in the Consent Decree that are within MVP's power to correct have been corrected. As DEQ is aware, there are instances noted in the Q4 2019 and Q1 2020 Reports in which sediment has left the ROW but MVP's requests for landowner permission to take corrective measures have been denied.

Report Period Ending: 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			3 on 3/30/2020	Three items were 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 monitoring 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 to enhance 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		

Report Period Ending: 4/19/2020
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: **29** conducted from 4/6/2020 through 4/19/2020 (includes PY-006)

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (4/6/2020 through 4/19/2020): **16**

Total Number of ODCP Inspections at Laydown Yard PY-006 : **5** (4/6/2020 through 4/10/2020); **5** (4/13/2020 through 4/17/2020)

Total Number of VA DEQ Observations (4/6/2020 through 4/19/2020): **14**

Total Number of Landowner/Third Party Reported Complaints: **1** (The VA DEQ received a third party complaint on 4/15/2020 and conducted an investigation on 4/16/2020. Refer to Summary of Observations under Landowner/Third Party Reported Complaints for further discussion). **No Environmental Resources were impacted.**

Total Number of Right of Way Impacts Caused by Third Parties: **3** (Three impacts caused were a result of third party vandalism at MVP-MN-278.01)

Total Number of Off Right of Way Impacts: **2** (One impact entailed ESC measures vandalized by Third Parties causing the off right of way impact at MVP-MN-278.01/Yellow Finch Road). (One impact was caused by flood waters dislodging a timber mat at MVP-MN-268.01. The timber mat was subsequently retrieved from the edge of the right of way). **No Environmental Resources were impacted.**

Total Number of Environmental Resource Impacts: **1** (3.4" of rainfall caused Stream S-Q20 to flood the access road MVP-RO-288. The flooding caused gravel from the access road to wash into the wetland and access to this wetland location is restricted by the landowner. ESC measures have been repaired/maintained within the access road right of way).

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 4/6/2020 through 4/19/2020.

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
4/6/2020		1				1		1 on 4/6/2020		One item was identified requiring repair/maintenance and completed within the required timeframe.
4/7/2020	0.00"-0.1" - 1 Hour *Rainfall occurred on 4/6/2020	1				1			1 on 4/7/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.
4/8/2020	0.2"-0.6" - 2 Hours *Rainfall recorded on 4/9/2020 (short duration/high intensity intervals)	1				1			1 on 4/9/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.
4/13/2020	1.0"-4.0" - 13 Hours *Rainfall began on 4/12/2020 with intervals of high intensity short duration events.	10				10		2 on 4/14/2020	5 on 4/14/2020 2 on 4/15/2020 1 on 4/16/2020	Ten items were identified requiring repair/maintenance and completed within the required timeframe.
4/14/2020	1.0"-4.0" - 13 Hours *Rainfall began on 4/12/2020 with intervals of high intensity short duration events. 0.00"-0.1" - 1 Hour *Additional rainfall on 4/13/2020	1				1			1 on 4/15/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.
4/15/2020	0.1"-0.4" - 5 Hours *Rainfall began on 4/14/2020 into 4/15/2020	1				1		1 on 4/15/2020		One item was identified requiring repair/maintenance and completed within the required timeframe.
4/16/2020	0.1"-0.4" - 5 Hours *Rainfall began on 4/14/2020 into 4/15/2020	1				1			1 on 4/17/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.

VADEQ OBSERVATIONS										
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
4/10/2020		2				2			2 on 4/13/2020	Two items were identified requiring repair/maintenance and completed within the required timeframe.
4/13/2020	1.0"-4.0" - 13 Hours *Rainfall began on 4/12/2020 with intervals of high intensity short duration events.	8	1	1		6	1 on 4/14/2020 Wetland impact extended indefinitely due to restricted access 1 on 4/14/2020 to be completed by 4/17/2020	1 on 4/13/2020 3 on 4/14/2020 1 on 4/17/2020 (Ext. Request)	1 on 4/14/2020 1 on 4/15/2020	Six items were identified requiring repair/maintenance and completed within the required timeframe. One of those items received an extension approval. One item was identified as a resource impact (W-Q11) and occurred due to approximately 3.4" of rainfall causing stream S-Q20 to flood access road MVP-RO-288. The flooding caused gravel from the access road to wash into the wetland. Erosion and sediment control measures have been repaired within the access road corridor on 4/13/2020. Access to the wetland location is restricted by the landowner. The other item identified as an off right of way impact was due to floodwaters damaging the bridge crossing at MVP-MN-268.01 and causing a timber mat to wash downstream becoming lodged in a tree. The Contractor Environmental crew was able to remove the lodged timber mat from the edge of the right of way on 4/17/2020.
4/16/2020	1.0"-4.0" - 13 Hours *Rainfall began on 4/12/2020 with intervals of high intensity short duration events. 0.00"-0.1" - 1 Hour *Additional rainfall on 4/13/2020 0.1"-0.4" - 5 Hours *Rainfall began on 4/14/2020 into 4/15/2020	3				1	1 on 4/19/2020 to be completed by 4/22/2020	1 on 4/17/2020	1 on 4/17/2020	Three items were identified requiring repair/maintenance and completed within the required timeframe. Two of those items identified were caused by third party vandalism. One item received an extension request to be completed by 4/22/2020.
4/17/2020	0.1"-0.4" - 5 Hours *Rainfall began on 4/14/2020 into 4/15/2020	1		1 *ESC measures were vandalized by Third Parties	1 *ESC measures were vandalized causing and off right of way impact		1 on 4/17/2020 Extended Indefinitely due to restricted access	1 on 4/17/2020 *ESC repairs conducted on the right of way on 4/17/2020		The item identified as an off right of way impact occurred due to damaged ESC measures caused by third party vandalism. ESC measures within the right of way have been repaired. Offsite repairs cannot occur at this time due to restricted access.
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS										
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE					TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
4/16/2020	MVP-MN-278 (Yellow Finch Road)					5			A Complaint was submitted to the VA DEQ on 4/15/2020 following a heavy runoff event regarding "multiple breaches of erosion and sediment controls" along the MVP Right of Way at MVP-MN-278.01/Yellow Finch Lane. The VA DEQ conducted an onsite investigation on 4/16/2020 and observed damaged/breached ESC measures along the MVP-MN-278.01 access road at the time of the investigation. One location was observed to have an off right of way impact. The ESC measures were observed by MVP to have been vandalized by a third party. Construction has not commenced on the access road and the VA DEQ acknowledged that the access road has been damaged by a previous non-pipeline related logging operation. Five items were identified requiring ESC repair/maintenance. Three of the identified items were a result of impacts caused by third parties and two of the identified items required repair/maintenance. The identified items were completed within the required Three-Day timeframe with the exception of one identified that received an extension until 4/22/2020. The off right of way impact cannot be addressed due to restricted access.	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS										
DATE OF OBSERVATION	OBSERVATIONS					CONCLUSION AND RECOMMENDATIONS				
4/9/2020	The Environmental Auditor conducted site evaluations at the following locations: MVP-AR-028 (GAS) and MVP-MLV-AR-27 (GAS).					The Environmental Auditor observed ESC measures to be installed and functional at the time of the evaluation.				
4/6/2020-4/19/2020	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: 5/3/2020
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS										
Total Number of SWPPP Inspections: 21 conducted from 4/20/2020 through 5/3/2020 (includes PY-006)										
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (4/20/2020 through 5/3/2020): 14 (includes Carry Over item)										
Total Number of ODCP Inspections at Laydown Yard PY-006 : 5 (4/20/2020 through 4/24/2020); 5 (4/27/2020 through 5/1/2020)										
Total Number of VA DEQ Observations (4/20/2020 through 5/3/2020): 6										
Total Number of Landowner/Third Party Reported Complaints: 0										
Total Number of Right of Way Impacts Caused by Third Parties: 0										
Total Number of Off Right of Way Impacts: 0										
Total Number of Environmental Resource Impacts: 0										
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0										
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 4/20/2020 through 5/3/2020.										
CARRY OVER ITEMS FROM 4/19/2020										
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
4/16/2020	1.0"-4.0" - 13 Hours *Rainfall began on 4/12/2020 with intervals of high intensity short duration events. 0.00"-0.1" - 1 Hour *Additional rainfall on 4/13/2020 0.1"-0.4" - 5 Hours *Rainfall began on 4/14/2020 into 4/15/2020	1				1	1 on 4/19 and 4/22 to be completed by 4/25/2020		1 on 4/23/2020 (Ext. Request)	One item was identified requiring repair/maintenance and completed within the required timeframe via an Extension Request approval.
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
4/20/2020	0.5"-0.8" - 3 Hours	3				3	1 on 4/21/2020 to be completed on 4/23/2020	1 on 4/23/2020 (Ext. Request)	2 on 4/21/2020	Three items were identified requiring repair/maintenance and completed within the required timeframe. One of the identified items received an Extension Request approval.
4/21/2020		2				2			1 on 4/22/2020 1 on 4/23/2020	Two items were identified requiring repair/maintenance and completed within the required timeframe.
4/22/2020		1				1			1 on 4/23/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.
4/23/2020	0.3"-1.0" - 21 Hours *Rainfall began on 4/23/2020	7				7			7 on 4/24/2020	Seven 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
4/20/2020	0.5"-0.8" - 3 Hours	4				4		1 on 4/21/2020	1 on 4/20/2020 2 on 4/21/2020	Four items were identified requiring repair/maintenance and completed within the required timeframe.
4/27/2020		1				1			1 on 4/28/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.
4/29/2020		1				1			1 on 5/1/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
4/23/2020	The Environmental Auditor conducted site evaluations at Flanders Road (CIS).	The Environmental Auditor observed ESC measures to be installed and functional and vigorous vegetative growth at the time of the evaluation. The Environmental Auditor coordinated with the Geotech to review a slope failure and observed an off right of way slip that has impacted perimeter sediment control BMPs.	
4/24/2020	The Environmental Auditor conducted site evaluations at MVP-MN-268 and MVP-MN-268.01.	The Environmental Auditor observed ESC measures to be installed and functional at the time of the evaluation.	
4/30/2020	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-270.01 (CIS); MVP-MN-271 (GAS); MVP-MN-272 (GAS) and MVP-MN-273 (CIS/GAS).	The Environmental Auditor observed ESC measures to be installed and functional at the time of the evaluation. The Environmental Auditor provided recommendations to the LEI regarding the installation enhanced erosion control measures at MVP-MN-273 (GAS).	
4/20/2020-5/3/2020	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: 5/17/2020
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS										
Total Number of SWPPP Inspections: 29 conducted from 5/4/2020 through 5/17/2020 (includes PY-006)										
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (5/4/2020 through 5/17/2020): 6										
Total Number of ODCP Inspections at Laydown Yard PY-006 : 5 (5/4/2020 through 5/8/2020); 5 (5/11/2020 through 5/15/2020)										
Total Number of VA DEQ Observations (5/4/2020 through 5/17/2020): 4										
Total Number of Landowner/Third Party Reported Complaints: 0										
Total Number of Right of Way Impacts Caused by Third Parties: 0										
Total Number of Off Right of Way Impacts: 0										
Total Number of Environmental Resource Impacts: 0										
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0										
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 5/4/2020 through 5/17/2020.										
CARRY OVER ITEMS FROM 5/3/2020										
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
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
5/4/2020	0.0"-0.1" - 1 Hour	3				3			3 on 5/5/2020	Three items were identified requiring repair/maintenance and completed within the required timeframe.
5/6/2020	0.2"-0.3" - 15.5 Hours *Rainfall occurred on 5/5/2020	1				1		1 on 5/7/2020		One item was identified requiring repair/maintenance and completed within the required timeframe.
5/11/2020	0.0"-0.2" - 2 Hours *Rainfall began late 5/8/2020 into early 5/9/2020	1				1			1 on 5/12/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.
5/15/2020	0.0"-0.3" - 4.25 Hours *Rainfall occurred on 5/14/2020	1				1				One item was identified requiring repair/maintenance and has three days to be completed.
VADEQ OBSERVATIONS										
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
5/4/2020	0.0"-0.1" - 1 Hour	1				1			1 on 5/4/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.
5/5/2020	0.2"-0.3" - 15.5 Hours	1				1			1 on 5/6/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.
5/15/2020	0.0"-0.3" - 4.25 Hours *Rainfall occurred on 5/14/2020	2				2			1 on 5/15/2020	Two items were identified requiring repair/maintenance and one item was completed within the required timeframe. The remaining one item has three days to be completed.

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
5/7/2020	The Environmental Auditor conducted site evaluations at Webster Corner Road (CIS) and MVP-FR-290 (GAS).	The Environmental Auditor observed ESC measures to be installed and functional at the time of the evaluation.	
5/13/2020	The Environmental Auditor conducted site evaluations at the following locations: MVP-268/268.01 (GAS), MVP-MN-270 (GAS) and Bradshaw Road (GAS).	The Environmental Auditor observed ESC measures to be installed and functional at the time of the evaluation. The Environmental Auditor provided monitoring recommendations to the LEI.	
5/4/2020-5/17/2020	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: 5/31/2020

Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: **21** conducted from 5/18/2020 through 5/31/2020 (includes PY-006)
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (5/18/2020 through 5/31/2020): **10** (includes Carry Over items)
 Total Number of ODCP Inspections at Laydown Yard PY-006 : **5** (5/18/2020 through 5/22/2020); **4** (5/26/2020 through 5/29/2020)
 Total Number of VA DEQ Observations (5/18/2020 through 5/31/2020): **7**
 Total Number of Landowner/Third Party Reported Complaints: **0**
 Total Number of Right of Way Impacts Caused by Third Parties: **0**
 Total Number of Off Right of Way Impacts: **0**
 Total Number of Environmental Resource Impacts: **0**
 Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: **0**

Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 5/18/2020 through 5/31/2020.

CARRY OVER ITEMS FROM 5/17/2020

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
5/15/2020		2				2			2 on 5/18/2020	Two items were identified requiring repair/maintenance and were completed within the required timeframe. One of the items was observed by the VA DEQ inspector.

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
5/19/2020	0.4"-1.9" - 24 Hours Rainfall began on 5/18/2020	1				1			1 on 5/20/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.
5/20/2020	1.2"-3.0" - 24 Hours Additional rainfall on 5/19/2020	1				1			1 on 5/21/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.
5/22/2020	1.6"-4.0" - 24 Hours Additional rainfall 5/20/2020 1.1"-2.9" - 24 Hours Additional rainfall on 5/21/2020	1				1		1 on 5/22/2020		One item was identified requiring repair/maintenance and completed within the required timeframe.
5/26/2020	0.0"-1.1" - 1.75 Hours High Intensity/Short Duration thunderstorms occurred on 5/24/2020	2				2			2 on 5/27/2020	Two items were identified requiring repair/maintenance and were completed within the required timeframe.
5/28/2020	1.0"-2.7" - 17 Hours Rainfall began on 5/27/2020 and ended on 5/28/2020	1				1			1 on 5/29/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.
5/29/2020		2				2			2 on 5/29/2020	Two items were identified requiring 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
5/26/2020	0.0"-1.1" - 1.75 Hours High Intensity/Short Duration thunderstorms occurred on 5/24/2020	1				1			1 on 5/27/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.
5/27/2020	1.0"-2.7" - 17 Hours Rainfall began on 5/27/2020 and ended on 5/28/2020	2				2			2 on 5/27/2020	Two items were identified requiring repair/maintenance and were completed within the required timeframe.
5/29/2020		4				4		2 on 5/29/2020	2 on 5/29/2020	Four items were identified requiring repair/maintenance and were completed within the required timeframe.
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS										
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE					TOTAL NUMBER OBSERVATIONS				SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS										
DATE OF OBSERVATION	OBSERVATIONS					CONCLUSION AND RECOMMENDATIONS				
5/27/2020	The Environmental Auditor conducted site evaluations at MVP-MN-276.03 (CIS/GAS) and MVP-MN-273 (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 LEI regarding observations and recommendations where ESC measures required maintenance/repair and to be enhanced.				
5/18/2020-5/31/2020	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: 6/14/2020
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 30 conducted from 6/1/2020 through 6/14/2020 (includes PY-006)
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (6/1/2020 through 6/14/2020): 19
 Total Number of ODCP Inspections at Laydown Yard PY-006 : 5 (6/1/2020 through 6/5/2020); 5 (6/8/2020 through 6/12/2020)
 Total Number of VA DEQ Observations (6/1/2020 through 6/14/2020): 1
 Total Number of Landowner/Third Party Reported Complaints: 0
 Total Number of Right of Way Impacts Caused by Third Parties: 2
 Total Number of Off Right of Way Impacts: 0
 Total Number of Environmental Resource Impacts: 0
 Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0

Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 6/1/2020 through 6/14/2020.

CARRY OVER ITEMS FROM 5/31/2020

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

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
6/1/2020		5				5			3 on 6/1/2020 2 on 6/3/2020	Five items were identified requiring repair/maintenance and were completed within the required timeframe.
6/2/2020		1				1			1 on 6/2/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.
6/3/2020		2				2			1 on 6/3/2020 1 on 6/5/2020	Two items were identified requiring repair/maintenance and were completed within the required timeframe.
6/5/2020	0.0"-0.6" - 4 Hours * Rainfall occurred on 6/4/2020	2				2		1 on 6/5/2020	1 on 6/5/2020	Two items were identified requiring repair/maintenance and were completed within the required timeframe.
6/8/2020	0.1"-1.4" - 10.25 Hours *Intermittent rainfall occurred on 6/5/2020 through late night	2			2				2 on 6/9/2020	Two items were identified requiring repair/maintenance due to impacts caused by third parties and were completed within the required timeframe.
6/9/2020		4				4			4 on 6/9/2020	Four items were identified requiring repair/maintenance and were completed within the required timeframe.
6/10/2020	0.0"-0.4" - 17 Hours *Rainfall occurred from 6/10/2020-6/11/2020	3				3			3 on 6/10/2020	Three items were identified requiring 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
6/5/2020	0.0"-0.6" - 4 Hours * Rainfall occurred on 6/4/2020	1				1			1 on 6/8/2020	One item was identified requiring repair/maintenance and completed within the required timeframe.
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS										
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE					TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS										
DATE OF OBSERVATION	OBSERVATIONS					CONCLUSION AND RECOMMENDATIONS				
6/2/2020	The Environmental Auditor conducted site evaluations at Flanders Road (CIS) and Webster Corner 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 LEI and provided recommendations to enhance existing ESC measures and install additional ESC measures.				
6/4/2020	The Environmental Auditor conducted site evaluations at MVP-MN-268/268.01.					The Environmental Auditor observed the ESC measures installed and functional at the time of the evaluation.				
6/9/2020	The Environmental Auditor conducted site evaluations at the following locations: Wades Gap Road (CIS/GAS), MVP-MLV-AR-29.01, MVP-FR-290 (GAS) and MVP-FR-289 (CIS/GAS).					The Environmental Auditor observed the ESC measures installed and functional at the time of the evaluation.				
6/10/2020	The Environmental Auditor conducted site evaluations at the following locations: Honeysuckle Road (CIS), MVP-MLV-AR-27 (GAS) and MVP-AR-028 (GAS).					The Environmental Auditor observed the ESC measures installed and functional at the time of the evaluation. The Environmental Auditor communicated with the LEI and identified a repair/maintenance item.				
6/1/2020-6/14/2020	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: 6/28/2020

Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 21 conducted from 6/15/2020 through 6/28/2020 (includes PY-006)

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (6/15/2020 through 6/28/2020): 9

Total Number of ODCP Inspections at Laydown Yard PY-006 : 5 (6/15/2020 through 6/19/2020); 5 (6/22/2020 through 6/26/2020)

Total Number of VA DEQ Observations (6/15/2020 through 6/28/2020): 7

Total Number of Landowner/Third Party Reported 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 Environmental Resource Impacts: 0

Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0

Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 6/15/2020 through 6/28/2020.

CARRY OVER ITEMS FROM 6/14/2020

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/R EPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
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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/R EPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
6/18/2020	2.5"-6.5" - 48 Hours *Prolonged rainfall began on 6/15/2020	4				4		1 on 6/18/2020	2 on 6/18/2020 1 on 6/19/2020	Four items were identified requiring repair/maintenance and were completed within the required timeframe.
6/22/2020	0.0"-0.1" - 4 Hours *Rainfall occurred on 6/19/2020	3			1	2			3 on 6/22/2020	Three items were identified requiring repair/maintenance and were completed within the required timeframe. One of the items was related to impacts caused by third parties.
6/25/2020	0.0"-0.1" - 0.5 Hours	2				2			1 on 6/25/2020 1 on 6/26/2020	Two items were identified requiring 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/R EPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
6/16/2020	0.2"-0.7" - 18.25 Hours *Rainfall began on 6/15/2020	2				2			2 on 6/18/2020	Two items were identified requiring repair/maintenance and completed within the required timeframe.
6/19/2020	2.5"-6.5" - 48 Hours *Prolonged rainfall began on 6/16/2020	4				4			4 on 6/19/2020	Four items were identified requiring repair/maintenance and completed within the required timeframe.
6/26/2020		1				1				One item was identified requiring repair/maintenance and has a three day timeframe to be completed.

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
6/18/2020	The Environmental Auditor conducted site evaluations at MVP-MN-273 (CIS/GAS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations.	
6/24/2020	The Environmental Auditor conducted site evaluations at MVP-MN-268/268.01 and MVP-MN-272 (CIS/GAS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations.	
6/15/2020-6/28/2020	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: 6/30/2020
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS										
Total Number of SWPPP Inspections: 9 conducted from 6/29/2020 through 6/30/2020 (includes PY-006)										
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (6/29/2020 through 6/30/2020): 1 (Carry Over item)										
Total Number of ODCP Inspections at Laydown Yard PY-006 : 2 (6/29/2020 through 6/30/2020)										
Total Number of VA DEQ Observations (6/29/2020 through 6/30/2020): 2										
Total Number of Landowner/Third Party Reported Complaints: 0										
Total Number of Right of Way Impacts Caused by Third Parties: 0										
Total Number of Off Right of Way Impacts: 0										
Total Number of Environmental Resource Impacts: 0										
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0										
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 6/29/2020 through 6/30/2020.										
CARRY OVER ITEMS FROM 6/28/2020										
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
6/26/2020		1				1			1 on 6/29/2020	One item was identified requiring 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
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
6/29/2020	0.0"-0.1" - 1.25 Hours *Rainfall occurred on 6/28/2020	2				2			2 on 6/30/2020	Two items were identified requiring repair/maintenance and completed within the required timeframe.
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS										
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE					TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS										
DATE OF OBSERVATION	OBSERVATIONS						CONCLUSION AND RECOMMENDATIONS			
6/29/2020-6/30/2020	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								