



Mountain Valley Pipeline Project – Spread I

Environmental Auditor Quarterly Report for Q3 2022

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Environmental Auditor Contact Information

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I. Introduction

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

As required by the Virginia Erosion and Sediment Control Law and the Stormwater Management Act Linear Entity, MVP has developed Annual Project Specific Standards and Specifications to identify means and methods for controlling erosion and sediment during construction and post construction. MVP currently has Inspection Staff requirements on the Spread I Project to include a Lead Environmental Inspector (LEI) and a staff of Environmental Inspectors (EIs). The LEI/EIs obtained the Virginia Department of Environmental Quality (VADEQ) Erosion and Sediment Control (ESC)/Stormwater Management (SWM) Inspector Certifications. In addition to these Certifications, the LEI also obtained the VADEQ Program Administrator Certification. The MVP Environmental inspection staff is responsible for conducting routine daily inspections and inspecting all temporary BMPs every four business days per the Storm Water Pollution Prevention Plan (SWPPP) requirements to ensure environmental compliance. These inspections are documented via Visual Site Inspection Reports (VSIRs) and internal/external communication to ensure the repair of all ineffective temporary ESC measures within 24 hours of identification, or as soon as conditions allow if compliance within this time frame would result in greater environmental impacts (provided the VADEQ 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 VADEQ.

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

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

No forward construction progress occurred on Spread I from July 1, 2022 through September 30, 2022 (Q3 reporting period).

The following portions of the right of way have been permanently restored via final grading and permanent stabilization per the approved Annual Standard and Specification details and the ESC/Post Construction SWM Plans:

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

II. Information Reviewed to Prepare Quarterly Report

The Environmental Auditor utilized the following resources to assist with evaluating project compliance throughout the Q3 reporting period:

- Daily MVP Punch Lists (includes VADEQ findings);
- Environmental Auditor Bi-Weekly Reports;
- Weekly meetings with MVP staff and the LEIs;
- Stormwater Pollution Prevention Plan VSIRs;
- Spread I Rain Gauge Data;
- Spread I Scatter Sheets (Contractor Available Resources and Daily Work Locations);
- Annual Project Specific Standards and Specifications;
- Oil Discharge Contingency Plan (ODCP) Inspection Reports; and
- Storm Water Pollution Prevention Plans, Erosion and Sediment Control Plans and Post Construction Stormwater Management Plans.

The Environmental Auditor also relied on assistance and information from the MVP Environmental staff, MVP Chief Environmental Inspector, MVP Spread I Environmental inspection staff, contractor Environmental staff, and the Tetra Tech Civil Engineering and Construction Management Departments.

The following sections III. through VI. provide an overall summary for the Q3 reporting period. **Please refer to the attached Environmental Auditor Bi-Weekly Reports for further detailed information.**

III. Quarterly Summary of Environmental Inspector Observations

Per Table I-1A, the EIs including the contractor Environmental staff observed a total of 706 daily punchlist items (includes Carry Over items) requiring repair/maintenance throughout the Q3 reporting period. The Environmental Auditor noted daily MVP Punchlist items provided by the contractor Environmental staff while conducting routine maintenance activities. It should be noted that the contractor Environmental staff is not affiliated with the EI roles and responsibilities related to conducting SWPPP inspections. The Environmental Auditor noted 123 items identified by the EIs as ESC measures damaged by third party impacts related to livestock traffic, wildlife traffic, landowner traffic, logging operations, off right of way (upslope) earth disturbance activities, energy project construction activities, agricultural activities, mowing activities and unauthorized vehicle traffic. The ESC measures were subsequently repaired/maintained within the required timeframes and no resources were impacted. **Refer to Section VI. for further discussion.**

During the Q3 reporting period all items provided on the punchlist were communicated between the Spread I Environmental inspection staff and contractor Environmental staff and addressed within the VADEQ approved timeframe (24 hours/Three Days or as extended by VADEQ authorization). **Refer to Table I-1A, Section VI., Section VII. and the respective Bi-Weekly Reports for further detailed information.**

Based on the MVP Punchlist data and the Environmental Auditor’s Bi-Weekly Reports, the following Table I-1A provides a summary of maintenance/repair items identified by the EIs and the contractor Environmental staff throughout the Q3 reporting period:

Table I-1A

| Spread I Environmental Inspector Observations: July 1, 2022 – September 30, 2022 | | | | | |
|-----------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|--------------------------------|-----------------------------------------------------|-------------------------------|
| Monthly Observation | Total Number Observations | Environmental Resource Impact | Off Right of Way Impact | Right of Way Impacts Caused by Third Parties | Weather Related Damage |
| July 2022 | *297 | 0 | 0 | 20 | 0 |
| August 2022 | *218 | 0 | 0 | 48 | 0 |
| September 2022 | *191 | 0 | 0 | 55 | 0 |

* Includes Carry Over Items

The EIs conducted a total of 472 SWPPP inspections and provided respective VSIRs throughout the Q3 reporting period. Upon review of the SWPPP VSIRs, it appears that the EIs observations were documented within the daily MVP Punchlists, communicated to the contractor, and noted issues were maintained/repared within the same day or within the VADEQ approved timeframe (24 Hours/Three Days or as extended by VADEQ authorization).

The EIs observed third party earth disturbance activities where impacts either occurred or could potentially occur to the right of way and environmental resources which flow through the right of way at the following locations: Cahas Mountain Road #1, Green Level Road, State Highway 40, MVP-FR-321, Indian Cave Road, Toshes Road, Climax Road and Anderson Mill Road #1. The EIs continue to monitor third party earth disturbance activities within vicinities of the right of way, document observed impacts within SWPPP VSIRs (with the exception of State Highway 40) and daily MVP Punchlists and communicate issues to the VADEQ. **Refer to Section VI. for further discussion.**

The Spread I EIs conducted ODCP inspections at Laydown Yard 045/046 throughout the Q3 reporting period. Twenty inspections were conducted in July, 23 inspections were conducted in August and 21 inspections were conducted in September. The EIs did not observe any spills during the ODCP inspections on Spread I throughout the Q3 reporting period.

An approximate total of 27 recordable precipitation events occurred during the Q3 reporting period. No off right of way or environmental resource impacts occurred during the Q3 reporting period.

Based on rainfall gauge data provided by the Spread I EIs, the following Table I-1B provides a summary of monthly recorded rainfall dates, amounts based on lowest to highest rates, and estimated duration for each event throughout the Q3 reporting period:

Table I-1B

| Spread I Rainfall and Duration Rates: July 1, 2022 – September 30, 2022 | | | | | |
|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------------------|
| July | | August | | September | |
| Date Recorded | Rainfall and Approximate Duration | Date Recorded | Rainfall and Approximate Duration | Date Recorded | Rainfall and Approximate Duration |
| 7/1/2022 | 0.0"-0.7" - 2 Hours *Scattered storms occurred on 6/30/2022 | 8/1/2022 | 0.5"-4.0" - 4 Hours *Scattered storms with intervals of high intensity/short duration rainfall occurred on 7/30/2022 and 7/31/2022 | 9/5/2022 | 0.1"-1.9" – 4 Hours *Rainfall with intervals of high intensity/short duration rainfall occurred on 9/4/2022 |
| 7/6/2022 | 0.1"-2.1" - 2 Hours *Scattered storms with intervals of high intensity/short duration rainfall occurred on 7/5/2022 | 8/7/2022 | 0.6"-2.4" – 1 Hour *Strong storms occurred late 8/6/2022 | 9/6/2022 | 0.1"-1.3" – 3 Hours *Rainfall with intervals of high intensity/short duration rainfall occurred on 9/5/2022 |
| 7/7/2022 | 0.0"-1.4" - 2 Hours *Scattered storms with intervals of high intensity/short duration rainfall occurred on 7/6/2022 | 8/11/2022 | 0.0"-2.10" - 1 Hour *Scattered thunderstorms with high intensity/short duration rainfall occurred on 8/10/2022 | 9/8/2022 | 0.0"-1.0" - 3 Hours *Scattered rainfall occurred on 9/7/2022 |
| 7/8/2022 | 0.0"-0.6" - 2 Hours *Scattered storms with intervals of high intensity/short duration rainfall occurred late 7/7/2022 | 8/15/2022 | 0.1"-0.3" - 6 Hours | 9/11/2022 | 0.7"-2.2" – 12 Hours *Rainfall occurred on 9/10/2022 |
| 7/11/2022 | 0.7"-1.5" - 12 Hours *Scattered showers and storms with intervals of high intensity/short duration rainfall occurred late 7/9/2022 into 7/10/2022 | 8/16/2022 | 0.0"-0.4" - 4 Hours | 9/12/2022 | 0.0"-0.3" – 3 Hours *Rainfall occurred on 9/11/2022 |
| 7/12/2022 | 0.0"-0.4" - 3 Hours *Scattered showers occurred on 7/11/2022 | 8/22/2022 | 0.4"-1.9" - 6 Hours *Scattered storms occurred late on 8/21/2022 | 9/13/2022 | 0.0"-0.9" – 3 Hours *Rainfall occurred on 9/12/2022 |
| 7/13/2022 | 0.0"-0.4" - 2 Hours *Scattered showers occurred on 7/12/2022 | 8/23/2022 | 0.0"-0.3" - 1 Hour *Isolated storms occurred on 8/22/2022 | 9/26/2022 | 0.1"-0.5" – 4 Hours *Rainfall occurred on 9/25/2022 |
| 7/18/2022 | 0.0"-0.4" - 4 Hours *Scattered showers occurred on 7/17/2022 | 8/31/2022 | 0.0"-1.0" - 3 Hours *Scattered storms occurred on 8/30/2022 | | |
| 7/19/2022 | 0.75"-2.4" - 4 Hours *Scattered storms with intervals of high intensity/short duration rainfall | | | | |
| 7/26/2022 | 0.1"-1.2" - 1 Hour *Thunderstorms with intervals of high intensity/short duration rainfall occurred on 7/25/2022 | | | | |
| 7/27/2022 | 0.0"-0.4" - 1 Hour *Rainfall occurred on 7/26/2022 | | | | |
| 7/28/2022 | 0.1"-0.4" - 1 Hour *Rainfall occurred on 7/27/2022 | | | | |

IV. Quarterly Summary of VADEQ Observations

Per Table I-1C, the VADEQ Inspectors observed a total of 29 items requiring repair/maintenance throughout the Q3 reporting period. All items provided on the punchlist for the reporting period were communicated to the contractor Environmental staff and addressed within the VADEQ approved timeframe (24 hours/Three Days or as extended by DEQ authorization). During this reporting period, the Environmental Auditor noted four items identified by the VADEQ as ESC measures damaged due to impacts caused by third party activities related to unauthorized traffic. The items provided on the punchlist for the reporting period were communicated to the contractor staff and addressed within the VADEQ approved timeframe (24 hours/Three Days or as extended by VADEQ authorization).

During the Q3 reporting period, the VADEQ did not identify any project related off right of way or environmental resource impacts throughout the Spread I project. **Refer to Table I-1C and the respective Bi-Weekly Reports for further detailed information.**

Based on the MVP Punchlist data and the Environmental Auditor’s Bi-Weekly Reports, the following Table I-1C provides a summary of maintenance/repair items identified by the VADEQ Inspectors throughout the Q3 reporting period:

Table I-1C

| Spread I VADEQ Observations: July 1, 2022 – September 30, 2022 | | | | | |
|----------------------------------------------------------------|---------------------------|-------------------------------|-------------------------|----------------------------------------------|------------------------|
| Monthly Observation | Total Number Observations | Environmental Resource Impact | Off Right of Way Impact | Right of Way Impacts Caused by Third Parties | Weather Related Damage |
| July 2022 | *12 | 0 | 0 | 3 | 0 |
| August 2022 | 11 | 0 | 0 | 1 | 0 |
| September 2022 | 6 | 0 | 0 | 0 | 0 |

* Includes Carry Over Items

V. Quarterly Summary of Landowner/Third Party Issues

The Environmental Auditor noted no formal landowner/third party complaints for Spread I during the Q3 reporting period.

VI. Quarterly Summary of Environmental Auditor Observations and Recommendations

Per Table I-1D, the Environmental Auditor conducted 70 site evaluations during the Q3 reporting period and observed locations where ESC measures required repair/maintenance or additional (enhanced) ESC measures be installed as necessary to minimize erosion and sediment impacts.

During the reporting period, the Environmental Auditor evaluated the ESC and SWM measures throughout the project (includes temporary and permanent stabilization) for proper installation and functionality. The Environmental Auditor communicated observations and recommendations to the Spread I LEI, Chief EI and MVP Environmental staff. Recommendations provided by the Environmental Auditor include installing enhanced ESC measures pertained to runoff control, erosion control (includes temporary stabilization measures), sediment control Best Management Practices (BMPs) and SWPPP VSIR monitoring recommendations pertaining to potential third party impacts to the right of way and environmental resources that are part of the project watershed.

On 8/16/2022 the Environmental Auditor observed a third party earth disturbance activity approximately 700 (+/-) northeast of the access to MVP-ATWS-1351 at Cahas Mountain Road #1. It appeared that this activity is within the S-IJ4 watershed. The Environmental Auditor communicated with the Spread I LEI, Chief EI and MVP Environmental staff and recommended monitoring S-IJ4 where it flows through the right of way. The Spread I Environmental inspection staff communicated this third party related issue to the VADEQ and provided documentation within the SWPPP VISRs. No impacts were observed at S-IJ4 during the Q3 reporting period.

Per the Q1 2022 and Q2 2022 reports, the Environmental Auditor continued to evaluate stream S-MM42 east of Green Level Road per observations related to landowner disturbance within the riparian buffer area. On 9/13/2022 following a high intensity/short duration storm event, the Environmental Auditor observed applicable ESC measures installed and functional which included restabilization activities conducted by the contractor Environmental staff via the daily MVP Punchlist. The Spread I Environmental inspection staff communicated this third party related issue to the VADEQ and provided documentation within the SWPPP VISR.

The Environmental Auditor and EIs continue to monitor right of way conditions west of US 220 where an off right of way pond (approximately 75 feet northwest of the right of way) previously discharged onto the right of way. The project ESC measures appeared to be installed and functional and no environmental resource impacts were observed during the Q3 reporting period.

Per the Q1 2022 and Q2 2022 reports, the Environmental Auditor continued to monitor stream S-H38 east of State Highway 40 due to a continued third party earth disturbance activity adjacent to US Highway 40 northwest of the project. On 7/11/2022, 7/21/2022 and 8/1/2022, the Environmental Auditor observed turbidity within S-H38 which flows through the project right of way. The Environmental Auditor communicated observations with the Spread I LEI, Chief EI and MVP Environmental staff. The Environmental Auditor and EIs continue to monitor the third party activity as well as environmental resources across the right of way. The Environmental Auditor continued to provide recommendations to

document third party impacts to the right of way (including environmental resources) within the respective SWPPP VSIRs as necessary.

Per the Q1 2022 and Q2 2022 Reports, the Environmental Auditor continued to evaluate a third party earth disturbance activity (off right of way) directly upslope of W-H11/S-H30 at MVP-FR-321. On 8/1/2022 the Environmental Auditor observed impacts to the right of way ESC measures and W-H11/S-H30 from the upslope third party earth disturbance. The Environmental Auditor coordinated with MVP Environmental staff regarding the impacts and observed the ESC measures repaired/enhanced on 8/22/2022. The Spread I Environmental inspection staff communicated the issues to the VADEQ and provided documentation within the SWPPP VSIR. On 9/1/2022, the Environmental Auditor evaluated additional impacts to the right of way and environmental resources W-H11 and S-H30 (downstream) caused by third party upslope earth disturbance activities following a high intensity/short duration storm event. The Environmental Auditor observed project related enhanced ESC measures installed to address potential future run-on impacts and sediment deposition retrieved from W-H11. The Spread I Environmental inspection staff communicated this issue to the VADEQ and provided documentation within the SWPPP VSIRs. The Environmental Auditor recommended continued monitoring at this location.

On 8/29/2022 the Environmental Auditor received communication from the Spread I LEI regarding third party logging impacts to the right of way west of Indian Cave Road. The Environmental Auditor evaluated impacts to the right of way and observed ESC measures damaged and the right of way disturbed due to logging equipment traversing across the right of way to an active logging operation to the south. It appeared that this off right of way location could potentially cause downstream impacts to an environmental resource (S-A20) that crosses the right of way east of MVP-FR-321. The Environmental Auditor also observed an additional logging operation area north the right of way above three environmental resources (S-H27, S-H28 and S-A22) that flow through the project west of Indian Cave Road. The Spread I Environmental inspection staff communicated this issue to the VADEQ and provided documentation within the SWPPP VSIRs. During the evaluation the Environmental Auditor encountered a VADEQ inspector conducting an inspection.

On 9/12/2022 the Environmental Auditor conducted a follow up evaluation based on the 8/29/2022 observations at Indian Cave Road to monitor impacts caused by the third party logging operations. The Environmental Auditor observed the right of way stabilized and ESC measures repaired/maintained and replaced by the MVP contractor Environmental staff. The Environmental Auditor observed ESC measures damaged and the right of way disturbed by the logging operation at a new location due to logging equipment traversing across the right of way to an active logging operation occurring south of the right of way. It appeared that this off right of way location could potentially cause downstream impacts to environmental resources (S-H27, S-H28 and S-A22) which flow through the right of way west of Indian Cave Road. The Spread I Environmental inspection staff communicated this issue to the VADEQ and provided documentation within the SWPPP VSIRs. On 9/26/2022 the Environmental Auditor conducted a follow up evaluation at Indian Cave Road to monitor the impacted areas. The Environmental Auditor continued to observe ESC measures damaged and the right of way disturbed with recent impacts to the S-A22 buffer area directly above the west streambank.

The Environmental Auditor observed ESC measures repaired/installed within the disturbed buffer area via the contractor Environmental staff. It appears that the current off right of way logging activities (north and south of the right of way) could potentially cause impacts to environmental resources (S-H27, S-H28 and S-A22). The Environmental Auditor communicated observations to the Spread I LEI, Chief EI and MVP Environmental staff. The Spread I Environmental inspection staff continue to communicate the issues to the VADEQ and provide documentation within the SWPPP VSIRs.

The Environmental Auditor and EIs continued to monitor the right of way from Toshes Road (east and west) to Climax Road (east) including streams S-MM8, S-CC5 (west of Climax Road), and S-G4 (west of Toshes Road) due to upstream off right of way third party energy project earth disturbance activities. The Environmental Auditor noted the EI observed turbid flow within S-CC5 on 8/10/2022 due to the third party

energy project activities. The Spread I Environmental inspection staff communicated this issue to the VADEQ and provided documentation within the SWPPP VSIR. On 8/25/2022 the Environmental Auditor observed sediment laden water entering the stabilized right of way east of Toshes Road from what appeared to be dewatering activities from the third party energy project sediment basin. The Environmental Auditor observed the turbid water flow through what appeared to be an improperly installed rock filter by the third party. The Environmental Auditor communicated the observations with the Spread I LEI, Chief EI and MVP Environmental staff.

The Environmental Auditor and EIs continued to monitor a third party land disturbance activity identified in the Q4 2021 Report west of Anderson Mill Road #1 where earth disturbance activities occurred off right of way south of the project. On 8/25/2022, the Environmental Auditor observed a substantial amount of acreage disturbed south of the right of way with no visible ESC measures observed. Runoff from this area has the potential to impact three environmental resources (S-CC5, S-CC9 and S-CC10) that flow through the right of way. The Environmental Auditor communicated the observations with the Spread I LEI, Chief EI and MVP Environmental staff. The Spread I Environmental inspection staff communicated this issue to the VADEQ and continues to provide documentation within the SWPPP VSIRs. The Environmental Auditor and the Environmental inspection staff will continue to monitor this area.

The Environmental Auditor observed continued ESC measures repair/maintenance and replacement where necessary throughout the right of way (includes temporary stabilization measures) during the Q3 reporting period. The Spread I Environmental inspection staff, contractor Environmental staff, Chief EI, and the Environmental Auditor continue to monitor locations throughout the right of way where ESC measures (including temporary stabilization) are degrading or approaching the endpoint of functional longevity due to the project's extended timeframe.

The Environmental Auditor noted no daily MVP Punchlist submitted on 7/15/2022. The Environmental Auditor communicated with the Chief EI and subsequently received the daily MVP Punchlist on 7/16/2022. The identified corrective action items were documented as completed within the required timeframe within the 7/18/2022 daily MVP Punchlist; however, there was an oversight in transferring that information to the VADEQ on 7/15/2022. The Environmental Auditor observed corrective action items identified by the EI within the 8/12/2022 SWPPP VSIR. However, no daily MVP Punchlist items were provided on 8/12/2022 or subsequent daily Punchlists. Based on communication/coordination with the Environmental Coordinator, photos were provided by the contractor Environmental staff on 8/12/2022 which reflected 7 punchlist items completed that day. The Spread I Environmental Coordinator informed the Environmental Auditor that the corrective actions had a three day required timeframe and based on review of photo documentation, the corrective action items appeared to be completed within the required timeframe. However, there was an oversight in transferring that information to the VADEQ on 8/12/2022. The Environmental Auditor continued to communicate ongoing findings related to SWPPP VSIR and daily MVP Punchlists and provided recommendations to conduct QA/QC on all documentation to ensure timely submittals and consistency between the reports.

The Environmental Auditor continues to communicate with the Spread I Environmental inspection staff, Chief EI and MVP Environmental staff on a continued basis. Discussions entail project feedback and recommendations/guidance to maintain compliance related to daily MVP Punchlists, SWPPP VSIR documentation and technical support.

The following Table I-1D provides a summary of the monthly total number of observations (site evaluations) conducted by the Environmental Auditor throughout the Q3 reporting period.

Table I-1D

| Environmental Auditor Field Observations: July 1, 2022 – September 30, 2022 | |
|------------------------------------------------------------------------------------|---------------------------|
| Month | Total Observations |
| July 2022 | 16 |
| August 2022 | 31 |
| September 2022 | 23 |

VII. Conclusion(s)

Per Section IV. (b) (1) of the Consent Decree the Environmental Auditor conducted site evaluations, evaluated daily MVP Punchlists, ODCP reports, SWPPP VSIR reports, communicated with the Spread I Environmental inspection staff, contractor Environmental staff, Chief EI, and the MVP Environmental staff, and has concluded the following for the Spread I Project:

- The Best Management Practices for the Project have been implemented in accordance with MVP's Project Specific Annual Standards and Specifications, Erosion and Sediment Control Plans and Stormwater Management plans; however, a daily MVP Punchlist was not submitted on 7/15/2022 and corrective action items (observations) provided within the 8/12/2022 SWPPP VSIR did not appear in the 8/12/2022 or subsequent daily MVP Punchlists.
- The temporary ESC measures were properly installed, inspected, and maintained; and
- All ineffective temporary ESC measures observed by the Environmental Inspectors/Environmental Auditor were repaired and ESC measures in need of routine maintenance were maintained within the timeframes required by MVP's Annual Standards and Specifications or as otherwise provided in the Consent Decree.

Based on the aforementioned observations, the resources available and deployed in the field (including EIs and the contractor Environmental staff) were sufficient to regularly and consistently conduct routine maintenance and/or repair ineffective ESC measures in a timely manner throughout the Q3 reporting period. The Environmental Auditor recommends the following: continued communication between the MVP Environmental inspection staff and the contractor Environmental staff to ensure all ESC measures are installed and functional, monitor and document (as necessary) off right of way third party related activities that could potentially impact the right of way and/or environmental resources (streams/wetlands) which are part of the project watershed, and conducting QA/QC for SWPPP VSIRs and daily MVP Punchlists to ensure compliance will be maintained with the approved Annual Standards and Specifications.

As the VADEQ is aware, there are several instances noted in the Q4 2019 through Q2 2022 Reports in which sediment has left the ROW but MVP's requests for landowner permission to take corrective measures have been denied. Therefore, 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.

Report Period Ending: 7/10/2022
 Report Prepared By: Joe Crea

| SUMMARY OF FINDINGS | | | | | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------|-------------------------|-------------------------------------------------------|----------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total Number of SWPPP Inspections: 35 conducted from 7/1/2022 through 7/10/2022 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards): Refer to Environmental Auditor Field Observations and Recommendations | | | | | | | | | | | |
| Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 7/1/2022 through 7/10/2022 (includes Carry Over Items from 6/30/2022): 99 | | | | | | | | | | | |
| Total Number of ODCP Inspections at Laydown Yard 045/46: 5 (7/1/2022 and 7/5/2022 through 7/8/2022): Holiday - 7/4/2022 | | | | | | | | | | | |
| Total Number of VA DEQ Observations from 7/1/2022 through 7/10/2022: 0 | | | | | | | | | | | |
| Total Number of Landowner/Third Party Reported Complaints: 0 | | | | | | | | | | | |
| Total Number of Right of Way Impacts Caused by Third Parties: 2 (livestock traffic and unauthorized traffic) | | | | | | | | | | | |
| Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris): 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 7/1/2022 through 7/10/2022 | | | | | | | | | | | |
| CARRY OVER ITEMS FROM 6/30/2022 | | | | | | | | | | | |
| DATE OF OBSERVATION | PRECIPITATION AMOUNT AND DURATION | TOTAL NUMBER OBSERVATIONS | ENVIRONMENTAL RESOURCE IMPACT | OFF RIGHT OF WAY IMPACT | RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/ REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 11/12/2020 | 2.5"-6.3" - 20 Hours *Remnants of Hurricane Eta continuing from 11/11/2020 | 1 | | | | | 1 | 1 on 11/13, 11/16, 11/19 and 11/23/2020 to be completed upon USACOE approval. Long term extensions granted on 11/24/2020. | | | One item related to bridge repair is awaiting ACOE approval. |
| 6/29/2022 | | 2 | | | | | 2 | | | 2 on 7/1/2022 | Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 6/30/2022 | | 2 | | | | | 2 | | | 2 on 7/1/2022 | Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| ENVIRONMENTAL INSPECTOR OBSERVATIONS | | | | | | | | | | | |
| DATE OF OBSERVATION | PRECIPITATION AMOUNT AND DURATION | TOTAL NUMBER OBSERVATIONS | ENVIRONMENTAL RESOURCE IMPACT | OFF RIGHT OF WAY IMPACT | RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/ REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 7/1/2022 | 0.0"-0.7" - 2 Hours *Scattered storms occurred on 6/30/2022 | 7 | | | | | 7 | | | 7 on 7/1/2022 | Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 7/5/2022 | | 33 | | | | | 33 | | | 31 on 7/6/2022 2 on 7/7/2022 | Thirty-three items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 7/6/2022 | 0.1"-2.1" - 2 Hours *Scattered storms with intervals of high intensity/short duration rainfall occurred on 7/5/2022 | 24 | | | | 1 | 23 | | | 2 on 7/6/2022 22 on 7/7/2022 | Twenty-four items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to livestock traffic. |
| 7/7/2022 | 0.0"-1.4" - 2 Hours *Scattered storms with intervals of high intensity/short duration rainfall occurred on 7/6/2022 | 27 | | | | 1 | 26 | | | 27 on 7/8/2022 | Twenty-seven items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to unauthorized traffic. |
| 7/8/2022 | 0.0"-0.6" - 2 Hours *Scattered storms with intervals of high intensity/short duration rainfall occurred late 7/7/2022 | 3 | | | | | 3 | | | 3 on 7/8/2022 | Three items were identified requiring ESC repair/maintenance and completed within the required timeframe. |

| VADEQ OBSERVATIONS | | | | | | | | | | | |
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| DATE OF OBSERVATION | PRECIPITATION AMOUNT AND DURATION | TOTAL NUMBER OBSERVATIONS | ENVIRONMENTAL RESOURCE IMPACT | OFF RIGHT OF WAY IMPACT | RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/ REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 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 | | | | |
| 7/6/2022 | The Environmental Auditor conducted site evaluations at the following locations: Transco Interconnect Station, Chalk Level Road (CIS), MVP-PI-339 (GAS) and Dual Track Road (GAS). | | | | | | The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Chief EI regarding observations related to ESC measures repair/maintenance. | | | | |
| 7/1/2022 through 7/10/2022 | <p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VISRs and ODCP reports to be compliant during this reporting period for the Spread I Project. The Environmental Auditor communicated with all Spreads on 7/7/2022 regarding the Partial Bi-Weekly Reporting period ending on 7/10/2022 and Q2 Quarterly Reports due by 7/15/2022.</p> <p>The Environmental Auditor noted two corrective action items identified within a SWPPP VSIR on 7/6/2022 and not included within the daily MVP Punchlist for that day. However, these items were identified within the MVP Daily Punchlist on 7/7/2022 and prioritized to be completed within three days. The corrective action items were addressed on 7/8/2022 per the daily MVP Punchlist. The Environmental Auditor communicated with the MVP Environmental staff regarding this observation and continues to recommend QA/QC for VSIRs and Daily Punchlists prior to final submittal.</p> <p>The Environmental Auditor communicated with all Spreads on 7/7/2022 regarding the Bi-Weekly Reporting period ending on 7/10/2022. The Environmental Auditor also provided guidance related to the following: providing documentation within SWPPP VSIRs where environmental resources on the right of way are within the watershed related to upstream/upslope off right of way third party earth disturbance activities and providing adequate VSIR Photo Log documentation that covers the overall area for a given SWPPP inspection.</p> | | | | | | <p>The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread I Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector and Environmental Coordinator, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.</p> <p>The Environmental Auditor noted two corrective action items identified within a SWPPP VSIR on 7/6/2022. However, these items were identified within the daily MVP Punchlist on 7/7/2022 and prioritized to be completed within three days. The corrective action items were addressed on 7/8/2022 per the daily Punchlist. The Environmental Auditor also continues to recommend providing additional photos within the VSIR Photo Log to account for the specific inspection coverage area. The Environmental Auditor communicated this observation to the MVP Environmental staff and continues to recommend that the Spread I Environmental inspection staff provide QA/QC for VSIRs and daily Punchlists prior to final submittal.</p> | | | | |
| 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: 7/24/2022
 Report Prepared By: Joe Crea

| SUMMARY OF FINDINGS | | | | | | | | | | | |
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| Total Number of SWPPP Inspections: 70 conducted from 7/11/2022 through 7/24/2022 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards): Refer to Environmental Auditor Field Observations and Recommendations for further discussion. | | | | | | | | | | | |
| Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 7/11/2022 through 7/24/2022 (includes Carry Over Items from 7/10/2022): 157 | | | | | | | | | | | |
| Total Number of ODCP Inspections at Laydown Yard 045/46: 5 (7/11/2022 through 7/15/2022); 5 (7/18/2022 through 7/22/2022) | | | | | | | | | | | |
| Total Number of VA DEQ Observations from 7/11/2022 through 7/24/2022: 5 | | | | | | | | | | | |
| Total Number of Landowner/Third Party Reported Complaints: 0 | | | | | | | | | | | |
| Total Number of Right of Way Impacts Caused by Third Parties: 9 (livestock traffic and unauthorized traffic) | | | | | | | | | | | |
| Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris): 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 7/11/2022 through 7/24/2022 | | | | | | | | | | | |
| CARRY OVER ITEMS FROM 7/10/2022 | | | | | | | | | | | |
| DATE OF OBSERVATION | PRECIPITATION AMOUNT AND DURATION | TOTAL NUMBER OBSERVATIONS | ENVIRONMENTAL RESOURCE IMPACT | OFF RIGHT OF WAY IMPACT | RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/ REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 11/12/2020 | 2.5"-6.3" - 20 Hours *Remnants of Hurricane Eta continuing from 11/11/2020 | 1 | | | | | 1 | 1 on 11/13, 11/16, 11/19 and 11/23/2020 to be completed upon USACOE approval. Long term extensions granted on 11/24/2020. | | | One item related to bridge repair is awaiting ACOE 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 WEATHER RELATED DAMAGE | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/ REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 7/11/2022 | 0.7"-1.5" - 12 Hours *Scattered showers and storms with intervals of high intensity/short duration rainfall occurred late 7/9/2022 into 7/10/2022 | 29 | | | | 2 | 27 | | | 29 on 7/12/2022 | Twenty-nine items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified impacts were caused by third party impacts related to livestock traffic and unauthorized traffic. |
| 7/12/2022 | 0.0"-0.4" - 3 Hours *Scattered showers occurred on 7/11/2022 | 29 | | | | | 29 | | | 27 on 7/13/2022 2 on 7/14/2022 | Twenty-nine items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 7/13/2022 | 0.0"-0.4" - 2 Hours *Scattered showers occurred on 7/12/2022 | 2 | | | | 2 | | | | 2 on 7/14/2022 | Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. Both of the identified impacts were caused by third party impacts related to livestock traffic. |
| 7/14/2022 | | 20 | | | | | 20 | | | 20 on 7/15/2022 | Twenty items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 7/15/2022 | | 21 | | | | | 21 | | | 21 on 7/15/2022 | Twenty-one items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 7/18/2022 | 0.0"-0.4" - 4 Hours *Scattered showers occurred on 7/16/2022 and 7/17/2022 | 9 | | | | 2 | 7 | | | 9 on 7/19/2022 | Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified impacts were caused by third party impacts related to livestock traffic and unauthorized traffic. |
| 7/19/2022 | 0.75"-2.4" - 4 Hours *Scattered storms with intervals of high intensity/short duration rainfall | 26 | | | | | 26 | | | 3 on 7/19/2022 23 on 7/20/2022 | Twenty-six items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 7/20/2022 | | 8 | | | | | 8 | | | 4 on 7/21/2022 4 on 7/22/2022 | Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 7/21/2022 | | 9 | | | | 1 | 8 | | | 1 on 7/21/2022 8 on 7/22/2022 | Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to livestock traffic. |
| 7/22/2022 | | 3 | | | | | 3 | | | 3 on 7/22/2022 | Three items were identified requiring ESC repair/maintenance and completed within the required timeframe. |

| VADEQ OBSERVATIONS | | | | | | | | | | | |
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| DATE OF OBSERVATION | PRECIPITATION AMOUNT AND DURATION | TOTAL NUMBER OBSERVATIONS | ENVIRONMENTAL RESOURCE IMPACT | OFF RIGHT OF WAY IMPACT | RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/ REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 7/18/2022 | 0.0"-0.4" - 4 Hours *Scattered showers occurred on 7/16/2022 and 7/17/2022 | 2 | | | | | 2 | | | 2 on 7/20/2022 | Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 7/21/2022 | | 1 | | | | | 1 | | | 1 on 7/21/2022 | One item was identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 7/22/2022 | | 2 | | | | 2 | | | | | Two items were identified requiring ESC repair/maintenance and have three days to be completed within the required timeframe. Both of the identified items were caused by third party impacts related to unauthorized traffic. |
| 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 | | | | |
| 7/11/2022 | The Environmental Auditor conducted site evaluations at the following locations: Museville Road (CIS/GAS), Rock Creek Road (CIS/GAS), Grassland Road (GAS), Star Land Road (CIS) and State Highway 40 (GAS). | | | | | | The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor observed turbid flow within S-H38 (State Highway 40) due to off right of way earthmoving activities northwest of the project. The Environmental Auditor communicated this observation with the Spread I LEI, Chief EI and MVP Environmental staff. The Spread I Environmental inspection staff previously communicated this issue to the VADEQ. | | | | |
| 7/21/2022 | The Environmental Auditor conducted site evaluations at the following locations: Transco Interconnect Station, H-602, H-603, Chalk Level Road (GAS), Rock Creek Road (CIS/GAS), State Highway 40 (GAS) and US-220 (CIS). | | | | | | The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor observed turbid flow within S-H38 (State Highway 40) due to off right of way earthmoving activities northwest of the project. The Environmental Auditor communicated this observation with the Spread I LEI, Chief EI and MVP Environmental staff. The Spread I Environmental inspection staff previously communicated this issue to the VADEQ. | | | | |
| 7/11/2022 through 7/24/2022 | <p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VISRs and ODCP reports to be compliant during this reporting period for the Spread I Project. However, the Environmental Auditor noted no daily MVP Punchlist was submitted on 7/15/2022. The Environmental Auditor communicated with the Chief EI and received the daily MVP Punchlist on 7/16/2022. The identified corrective action items were documented as completed within the required timeframe on the 7/18/2022 daily MVP Punchlist; however, there was an oversight in transferring that information via the daily MVP Punchlist to the VADEQ on 7/15/2022.</p> <p>The Environmental Auditor communicated with all Spreads on 7/21/2022 regarding the Bi-Weekly Reporting period ending on 7/24/2022.</p> | | | | | | <p>The Environmental Auditor concludes that SWPPP inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread I Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector and Environmental Coordinator, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity. However, no daily MVP Punchlist was submitted on 7/15/2022 and punchlist items were identified that day. The Environmental Auditor communicated with the Chief EI and received the daily MVP Punchlist on 7/16/2022. The identified corrective action items were documented as completed within the required timeframe on the 7/18/2022 daily MVP Punchlist; however, there was an oversight in transferring that information to the VADEQ on 7/15/2022.</p> <p>On 7/11/2022 and 7/21/2022 the Environmental Auditor observed turbid flow within S-H38 (State Highway 40) due to off right of way earthmoving activities northwest of the project. The Environmental Auditor communicated this observation with the Spread I LEI, Chief EI and MVP Environmental staff. The Spread I Environmental inspection staff previously communicated this issue to the VADEQ. The Environmental Auditor did not observe the third party impacts to S-H38 documented within the respective SWPPP VISRs and continues to recommend that the Spread I EI staff monitor locations where impacts are occurring to environmental resource(s) caused by off right of way third party land disturbance activities and provide documentation (includes photos as applicable) within the SWPPP VISRs.</p> | | | | |
| 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? | No | The Environmental Auditor noted no daily MVP Punchlist was submitted on 7/15/2022. The Environmental Auditor communicated with the Chief EI and received the daily MVP Punchlist on 7/16/2022. The identified corrective action items were documented as completed within the required timeframe on the 7/18/2022 daily MVP Punchlist; however, there was an oversight in transferring that information to the VADEQ on 7/15/2022. | | | | | | | | | |
| 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: 8/7/2022
 Report Prepared By: Joe Crea

| SUMMARY OF FINDINGS | | | | | | | | | | | |
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| Total Number of SWPPP Inspections: 76 conducted from 7/25/2022 through 8/7/2022 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards) | | | | | | | | | | | |
| Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 7/25/2022 through 8/7/2022 (includes Carry Over Items from 7/24/2022): 119 | | | | | | | | | | | |
| Total Number of ODCP Inspections at Laydown Yard 045/46: 5 (7/25/2022 through 7/29/2022); 5 (8/1/2022 through 8/5/2022) | | | | | | | | | | | |
| Total Number of VA DEQ Observations from 7/25/2022 through 8/7/2022: 8 (includes Carry Over Items from 7/24/2022) | | | | | | | | | | | |
| Total Number of Landowner/Third Party Reported Complaints: 0 | | | | | | | | | | | |
| Total Number of Right of Way Impacts Caused by Third Parties: 24 (wildlife traffic, livestock traffic, unauthorized traffic and upslope landowner earth disturbance activities) | | | | | | | | | | | |
| Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris): 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 7/25/2022 through 8/7/2022 | | | | | | | | | | | |
| CARRY OVER ITEMS FROM 7/24/2022 | | | | | | | | | | | |
| DATE OF OBSERVATION | PRECIPITATION AMOUNT AND DURATION | TOTAL NUMBER OBSERVATIONS | ENVIRONMENTAL RESOURCE IMPACT | OFF RIGHT OF WAY IMPACT | RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/ REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 11/20/2022 | 2.5"-6.3" - 20 Hours *Remnants of Hurricane Eta continuing from 11/11/2020 | 1 | | | | | 1 | 1 on 11/13, 11/16, 11/19 and 11/23/2020 to be completed upon USACOE approval. Long term extensions granted on 11/24/2020. | | | One item related to bridge repair is awaiting ACOE approval. |
| 7/22/2022 | | 2 (VADEQ) | | | | | 2 | | | 2 on 7/25/2022 | Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| ENVIRONMENTAL INSPECTOR OBSERVATIONS | | | | | | | | | | | |
| DATE OF OBSERVATION | PRECIPITATION AMOUNT AND DURATION | TOTAL NUMBER OBSERVATIONS | ENVIRONMENTAL RESOURCE IMPACT | OFF RIGHT OF WAY IMPACT | RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/ REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 7/25/2022 | | 15 | | | | | 15 | | | 3 on 7/25/2022 12 on 7/26/2022 | Fifteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 7/26/2022 | 0.1"-1.2" - 1 Hour *Thunderstorms with intervals of high intensity/short duration rainfall occurred on 7/25/2022 | 5 | | | | 3 | 2 | | | 5 on 7/26/2022 | Five items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to unauthorized traffic conducting tree removal. One of the identified items were caused by third party run-on and sediment impacts related to upslope earth disturbance activities. One of the identified items was caused by third party impacts related to wildlife traffic. |
| 7/27/2022 | 0.0"-0.4" - 1 Hour *Rainfall occurred on 7/26/2022 | 9 | | | | 1 | 8 | | | 9 on 7/27/2022 | Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to wildlife traffic. |
| 7/28/2022 | 0.1"-0.4" - 1 Hour *Rainfall occurred on 7/27/2022 | 8 | | | | 4 | 4 | | | 6 on 7/28/2022 2 on 7/29/2022 | Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe. Four of the identified items were caused by third party impacts related to unauthorized traffic. |
| 7/29/2022 | | 4 | | | | 1 | 3 | | | 4 on 7/29/2022 | Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to unauthorized traffic. |
| 8/1/2022 | 0.5"-4.0" - 4 Hours *Scattered storms with intervals of high intensity/short duration rainfall occurred on 7/30/2022 and 7/31/2022 | 23 | | | | 4 | 19 | | | 19 on 8/1/2022 4 on 8/2/2022 | Twenty-three items were identified requiring ESC repair/maintenance and completed within the required timeframe. Four of the identified items were caused by third party impacts related to unauthorized traffic (1) and wildlife traffic (3). |
| 8/2/2022 | | 18 | | | | 7 | 11 | | | 15 on 8/2/2022 2 on 8/3/2022 1 on 8/4/2022 | Eighteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. Seven of the identified items were caused by third party impacts related to livestock traffic. |
| 8/3/2022 | | 17 | | | | 3 | 14 | | | 17 on 8/3/2022 | Seventeen items were identified requiring ESC repair/maintenance and completed within the required timeframe. Three of the identified items were caused by third party impacts related to unauthorized traffic. |
| 8/4/2022 | | 13 | | | | | 13 | | | 12 on 8/4/2022 1 on 8/5/2022 | Thirteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 8/5/2022 | | 6 | | | | | 6 | | | 5 on 8/5/2022 | Six items were identified requiring ESC repair/maintenance and 5 of those items were completed within the required timeframe. The remaining one item has three days to be completed within the required timeframe. |

| VADEQ OBSERVATIONS | | | | | | | | | | | |
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| DATE OF OBSERVATION | PRECIPITATION AMOUNT AND DURATION | TOTAL NUMBER OBSERVATIONS | ENVIRONMENTAL RESOURCE IMPACT | OFF RIGHT OF WAY IMPACT | RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/ REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 7/26/2022 | 0.1"-1.2" - 1 Hour *Thunderstorms with intervals of high intensity/short duration rainfall occurred on 7/25/2022 | 1 | | | | | 1 | | | 1 on 7/26/2022 | One item was identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 7/27/2022 | 0.0"-0.4" - 1 Hour *Rainfall occurred on 7/26/2022 | 3 | | | | 1 | 2 | | 1 on 7/27/2022 | 2 on 7/28/2022 | Three items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to unauthorized traffic. |
| 7/28/2022 | 0.1"-0.4" - 1 Hour *Rainfall occurred on 7/27/2022 | 1 | | | | | 1 | | | 1 on 7/29/2022 | One item was identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 8/3/2022 | | 1 | | | | | 1 | | | 1 on 8/3/2022 | One item was identified requiring ESC repair/maintenance and completed within the required timeframe. |
| LANDOWNER/THIRD PARTY REPORTED COMPLAINTS | | | | | | | | | | | |
| DATE OF OBSERVATION | NEAREST ROAD OR FEATURE | | | | | | TOTAL NUMBER OBSERVATIONS | | | SUMMARY OF OBSERVATIONS | |
| | | | | | | | | | | | |
| ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS | | | | | | | | | | | |
| DATE OF OBSERVATION | OBSERVATIONS | | | | | | CONCLUSION AND RECOMMENDATIONS | | | | |
| 8/1/2022 | The Environmental Auditor conducted site evaluations at the following locations: MVP-PI-339 (GAS), Chalk Level Road (GAS), MVP-FR-321 (CIS), State Highway 40 (GAS) and US-220 (CIS). | | | | | | <p>The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread I LEI, Chief EI and the MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance.</p> <p>The Environmental Auditor observed turbid flow within S-H38 (State Highway 40) due to off right of way earthmoving activities northwest of the project. The Environmental Auditor communicated this observation with the Spread I LEI, Chief EI and MVP Environmental staff. The Spread I Environmental inspection staff previously communicated this issue to the VADEQ.</p> <p>The Environmental Auditor observed continued impacts to the right of way which appeared to include W-H11 and S-H30 due to upslope landowner earth disturbance activities at MVP-FR-321 (CIS). The Environmental Auditor communicated with the Chief EI and MVP Environmental staff and discussed the observations. The Spread H LEI was contacted, a SWPPP inspection was immediately performed and documentation provided within the VSIR. The MVP Environmental staff communicated the environmental resource impacts to the VADEQ.</p> | | | | |
| 8/4/2022 | The Environmental Auditor conducted site evaluations at the following locations: Tobacco Road (GAS), Timber Ridge Road (CIS/GAS) and Farm View Road (GAS). | | | | | | The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread I LEI, Chief EI and the MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance. | | | | |
| 7/25/2022 through 8/7/2022 | <p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VISRs and ODCP reports to be compliant during this reporting period for the Spread I Project.</p> <p>On 8/1/2022 following a high intensity/short duration storm event the EI observed turbid flow within S-CD6 and S-II2 while conducting a SWPPP inspection near Iron Ridge Road. The turbidity was a result of unidentified earth disturbance (s) upslope/upstream of the MVP project. The EI provided documentation within the SWPPP VSIR.</p> | | | | | | <p>The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread I Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector and Environmental Coordinator, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity. The Environmental Auditor continues to recommend QA/QC be provided for SWPPP VISRs to ensure completeness and consistency with the daily MVP Punchlists.</p> <p>On 8/1/2022 the Environmental Auditor observed turbid flow within S-H38 (State Highway 40) due to off right of way earthmoving activities northwest of the project. The Environmental Auditor communicated this observation with the Spread I LEI, Chief EI and MVP Environmental staff. The Spread I Environmental inspection staff previously communicated this issue to the VADEQ. The Environmental Auditor did not observe the third party impacts to S-H38 documented within the respective SWPPP VISRs and continues to recommend that the Spread I EI staff monitor locations where impacts are occurring to environmental resource(s) caused by off right of way third party land disturbance activities and provide documentation (includes photos as applicable) within SWPPP VISRs.</p> | | | | |
| 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: 8/21/2022
 Report Prepared By: Joe Crea

| SUMMARY OF FINDINGS | | | | | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------|-------------------------|-------------------------------------------------------|----------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total Number of SWPPP Inspections: 70 conducted from 8/8/2022 through 8/21/2022 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards) | | | | | | | | | | | |
| Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 8/8/2022 through 8/21/2022 (includes Carry Over Items from 8/7/2022): 43 | | | | | | | | | | | |
| Total Number of ODCP Inspections at Laydown Yard 045/46: 5 (8/8/2022 through 8/12/2022); 5 (8/15/2022 through 8/19/2022) | | | | | | | | | | | |
| Total Number of VA DEQ Observations from 8/8/2022 through 8/21/2022: 9 | | | | | | | | | | | |
| Total Number of Landowner/Third Party Reported Complaints: 0 | | | | | | | | | | | |
| Total Number of Right of Way Impacts Caused by Third Parties: 15 (wildlife traffic, livestock traffic, unauthorized traffic, agricultural activities, mowing activities and solar farm activities) | | | | | | | | | | | |
| Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris): 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 8/8/2022 through 8/21/2022 | | | | | | | | | | | |
| CARRY OVER ITEMS FROM 8/7/2022 | | | | | | | | | | | |
| DATE OF OBSERVATION | PRECIPITATION AMOUNT AND DURATION | TOTAL NUMBER OBSERVATIONS | ENVIRONMENTAL RESOURCE IMPACT | OFF RIGHT OF WAY IMPACT | RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/ REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 11/20/2022 | 2.5"-6.3" - 20 Hours *Remnants of Hurricane Eta continuing from 11/11/2020 | 1 | | | | | 1 | 1 on 11/13, 11/16, 11/19 and 11/23/2020 to be completed upon USACOE approval. Long term extensions granted on 11/24/2020. | | | One item related to bridge repair is awaiting ACOE approval. |
| 8/5/2022 | | 1 | | | | | 1 | | | 1 on 8/8/2022 | One item was identified requiring ESC repair/maintenance and completed within the required timeframe. |
| ENVIRONMENTAL INSPECTOR OBSERVATIONS | | | | | | | | | | | |
| DATE OF OBSERVATION | PRECIPITATION AMOUNT AND DURATION | TOTAL NUMBER OBSERVATIONS | ENVIRONMENTAL RESOURCE IMPACT | OFF RIGHT OF WAY IMPACT | RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/ REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 8/8/2022 | | 7 | | | | 1 | 6 | | | 7 on 8/8/2022 | Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to livestock traffic. This impact was noted within the SWPPP VSIR. |
| 8/9/2022 | | 6 | | | | 3 | 3 | | | 1 on 8/9/2022 5 on 8/10/2022 | Six items were identified requiring ESC repair/maintenance and completed within the required timeframe. Three of the identified items were caused by third party impacts related to unauthorized traffic. |
| 8/10/2022 | | 10 | | | | 5 | 5 | | | 5 on 8/10/2022 5 on 8/11/2022 | Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe. Three of the identified items were caused by third party impacts related to farm equipment traffic and two items were caused by third party impacts related to an adjacent solar farm project activities. |
| 8/11/2022 | 0.0"-2.10" - 1 Hour *Scattered thunderstorms with high intensity/short duration rainfall occurred on 8/10/2022 | 2 | | | | | 2 | | | 2 on 8/11/2022 | Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 8/15/2022 | 0.1"-0.3" - 6 Hours | 3 | | | | 1 | 2 | | | 3 on 8/16/2022 | Three items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to unauthorized traffic. |
| 8/16/2022 | 0.0"-0.4" - 4 Hours | 4 | | | | 1 | 3 | | | 3 on 8/16/2022 1 on 8/17/2022 | Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to unauthorized traffic. |
| 8/17/2022 | | 4 | | | | 2 | 2 | | | 1 on 8/17/2022 3 on 8/18/2022 | Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to wildlife traffic. |
| 8/18/2022 | | 5 | | | | 1 | 4 | | | 5 on 8/18/2022 | Five items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to mowing activities. This impact was noted within the SWPPP VSIR. |

| VADEQ OBSERVATIONS | | | | | | | | | | | |
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| DATE OF OBSERVATION | PRECIPITATION AMOUNT AND DURATION | TOTAL NUMBER OBSERVATIONS | ENVIRONMENTAL RESOURCE IMPACT | OFF RIGHT OF WAY IMPACT | RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/ REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 8/8/2022 | | 2 | | | | | 2 | | 1 on 8/8/2022 | 1 on 8/8/2022 | Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 8/11/2022 | 0.0"-2.10" - 1 Hour *Scattered thunderstorms with high intensity/short duration rainfall occurred on 8/10/2022 | 1 | | | | | 1 | | | 1 on 8/11/2022 | One item was identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 8/16/2022 | 0.0"-0.4" - 4 Hours | 3 | | | | | 3 | | 1 on 8/16/2022 | 1 on 8/16/2022 1 on 8/17/2022 | Three items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 8/18/2022 | | 3 | | | | 1 | 2 | | | 2 on 8/18/2022 1 on 8/19/2022 | Three items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to unauthorized traffic. |
| 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 | | | | |
| 8/8/2022 | The Environmental Auditor conducted site evaluations at the following locations: US-220 (CIS), Bonbrook Mill Road #2 (CIS), Jones Mill Lane (GAS) and Angle Plantation Road (CIS). | | | | | | The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. | | | | |
| 8/11/2022 | The Environmental Auditor conducted site evaluations at the following locations: Iron Ridge Road (CIS/GAS), MVP-FR-303.01 (GAS) and Timber Ridge Road (GAS). | | | | | | The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. | | | | |
| 8/16/2022 | The Environmental Auditor conducted site evaluations at MVP-FR-293.02 (CIS/GAS) and Cahas Mountain Road #1 (GAS). | | | | | | The Environmental Auditor observed locations where the ESC and PCSM measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor observed a third party earth disturbance activity approximately 700 (+/-) northeast of the access to MVP-ATWS-1351 at Cahas Mountain Road #1. It appears that this activity is within the S-I14 watershed. The Environmental Auditor communicated with the Spread I LEI, Chief EI and MVP Environmental staff and recommended monitoring S-I14 where it flows through the right of way. The Spread I Environmental inspection staff communicated this third party related issue to the VADEQ. | | | | |
| 8/17/2022 | The Environmental Auditor conducted site evaluations at the following locations: MVP-FR-302 (GAS), Brick Church Road (CIS/GAS) and MVP-FR-300/ATWS-569A (CIS/GAS). | | | | | | The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread I LEI, Chief EI and MVP Environmental staff regarding observations and recommendations related to implementing enhanced stabilization measures, monitoring locations where straw mulch has been dislodged due to runoff events and implementing enhanced ESC measures as necessary. | | | | |
| 8/8/2022 through 8/21/2022 | <p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VISRs and ODCP reports to be compliant during this reporting period for the Spread I Project. However, corrective action items were identified by the EI during the 8/12/2022 SWPPP inspection and documented within the respective VSIR. No daily MVP Punchlist was provided on 8/12/2022 and no corrective action items for 8/12/2022 were provided within subsequent punchlists. Per conversation with the MVP Spread I LEI, the Environmental Coordinator experienced computer/phone issues. Based on subsequent communication with the Environmental Coordinator, photos were provided by the contractor Environmental staff on 8/12/2022 which reflected 7 punchlist items completed that day. The Environmental Coordinator informed the Environmental Auditor that the corrective actions had a three day required timeframe and based on review of photo documentation, the corrective action items appeared to be completed within the required timeframe. However, there was an oversight in transferring that information to the VADEQ on 8/12/2022. Refer to Required Findings and Conclusions.</p> <p>The Environmental Auditor noted the EI observed turbid flow within S-CC5 (Climax Road-GAS) on 8/10/2022 due to upslope third party energy project activities. The Spread I Environmental inspection staff communicated this issue to the VADEQ and provided documentation within the SWPPP VSIR.</p> <p>The Environmental Auditor communicated with all Spreads on 8/18/2022 regarding the upcoming Bi-Weekly Reporting period ending on 8/21/2022. The Environmental Auditor provided recommendations related to documenting off right of way third party impacts and monitoring locations where straw mulch becomes dislodged during runoff events and installing soil stabilization blanket as necessary due to concentrated flow conditions.</p> | | | | | | <p>The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread I Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector and Environmental Coordinator, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity. However, no daily MVP Punchlist was submitted on 8/12/2022 yet punchlist items were identified that day as discovered within the respective SWPPP VSIR. The Environmental Auditor communicated with the Lead EI and was informed that the Environmental Coordinator experienced phone/computer issues. Based on further communication with the Spread I Environmental Coordinator, photos were sent by the contractor on 8/12/2022 depicting 7 items which appeared to be completed within the required three day timeframe. However, there was an oversight in transferring that information to the VADEQ on 8/12/2022.</p> <p>The Environmental Auditor continues to recommend the Spread I LEI and the Environmental Coordinator conduct QA/QC on each VSIR to ensure consistency with the daily MVP Punchlists and ensure that the Daily Punchlists are submitted in a timely manner.</p> | | | | |
| 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? | No | Corrective action items were identified by the EI during the 8/12/2022 SWPPP inspection and documented within the respective VSIR. No daily MVP Punchlist was provided on 8/12/2022 and no corrective action items for 8/12/2022 were provided within subsequent punchlists. Per conversation with the MVP Spread I LEI, the Environmental Coordinator experienced computer/phone issues. Based on subsequent communication with the Environmental Coordinator, photos were provided by the contractor Environmental staff on 8/12/2022 which reflected 7 punchlist items completed that day. The Spread I Environmental Coordinator informed the Environmental Auditor that the corrective actions had a three day required timeframe and based on review of photo documentation, the corrective action items appeared to be completed within the required timeframe. However, there was an oversight in transferring that information to the VADEQ on 8/12/2022. | | | | | | | | | |
| 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: 9/4/2022
 Report Prepared By: Joe Crea

| SUMMARY OF FINDINGS | | | | | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------|-------------------------------|-------------------------|-------------------------------------------------------|----------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total Number of SWPPP Inspections: 75 conducted from 8/22/2022 through 9/4/2022 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards): Refer to Environmental Auditor Field Observations and Recommendations for further discussion | | | | | | | | | | | |
| Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 8/22/2022 through 9/4/2022 (includes Carry Over Items from 8/21/2022): 112 (*Includes observations by the contractor Environmental staff) | | | | | | | | | | | |
| Total Number of ODCP Inspections at Laydown Yard 045/46: 5 (8/22/2022 through 8/26/2022); 5 (8/29/2022 through 9/2/2022) | | | | | | | | | | | |
| Total Number of VA DEQ Observations from 8/22/2022 through 9/4/2022: 2 | | | | | | | | | | | |
| Total Number of Landowner/Third Party Reported Complaints: 0 | | | | | | | | | | | |
| Total Number of Right of Way Impacts Caused by Third Parties: 25 (livestock traffic, unauthorized traffic, landowner traffic, off right of way earth disturbance activities) | | | | | | | | | | | |
| Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris): 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 8/22/2022 through 9/4/2022 | | | | | | | | | | | |
| CARRY OVER ITEMS FROM 8/21/2022 | | | | | | | | | | | |
| DATE OF OBSERVATION | PRECIPITATION AMOUNT AND DURATION | TOTAL NUMBER OBSERVATIONS | ENVIRONMENTAL RESOURCE IMPACT | OFF RIGHT OF WAY IMPACT | RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/ REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 11/20/2022 | 2.5"-6.3" - 20 Hours *Remnants of Hurricane Eta continuing from 11/11/2020 | 1 | | | | | 1 | 1 on 11/13, 11/16, 11/19 and 11/23/2020 to be completed upon USACOE approval. Long term extensions granted on 11/24/2020. | | | One item related to bridge repair is awaiting ACOE 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 WEATHER RELATED DAMAGE | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/ REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 8/22/2022 | 0.4"-1.9" - 6 Hours *Scattered storms occurred late on 8/21/2022 | 5 | | | | 2 | 3 | | | 5 on 8/22/2022 | Five items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to unauthorized traffic. |
| 8/23/2022 | 0.0"-0.3" - 1 Hour *Isolated storms occurred on 8/22/2022 | *13 | | | | 5 | 8 | | | 13 on 8/23/2022 | Thirteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. Five of the identified items were caused by third party impacts related to unauthorized traffic (4) and livestock traffic (1). *Six of these items were identified by the contractor Environmental staff while conducting routine maintenance activities. |
| 8/24/2022 | | *12 | | | | 1 | 11 | | | 12 on 8/24/2022 | Twelve items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to unauthorized traffic. *Ten of these items were identified by the contractor Environmental staff while conducting routine maintenance activities. |
| 8/25/2022 | | *15 | | | | 3 | 12 | | | 15 on 8/25/2022 | Fifteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. Three of the identified items were caused by third party impacts related to unauthorized traffic (2) and livestock traffic (1). *Ten of these items were identified by the contractor Environmental staff while conducting routine maintenance activities. |
| 8/26/2022 | | *10 | | | | 1 | 9 | | | 10 on 8/26/2022 | Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to unauthorized traffic. *Nine of these items were identified by the contractor Environmental staff while conducting routine maintenance activities. |
| 8/29/2022 | | *10 | | | | 2 | 8 | | | 10 on 8/29/2022 | Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to unauthorized traffic. *Eight of these items were identified by the contractor Environmental staff while conducting routine maintenance activities. |
| 8/30/2022 | | *10 | | | | 1 | 9 | | | 10 on 8/30/2022 | Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to livestock traffic. *These items were identified by the contractor Environmental staff while conducting routine maintenance activities. |
| 8/31/2022 | 0.0"-1.0" - 3 Hours *Scattered storms occurred on 8/30/2022 | *21 | | | | 5 | 16 | | | 17 on 8/31/2022 4 on 9/1/2022 | Twenty-one items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to landowner traffic. Three of the identified items were caused by third party impacts related to off right of way landowner earth disturbance activities. During a high intensity/short duration storm event sediment from an upslope third party disturbance discharged onto the right of way, overwhelmed the ESC measures and impacted W-H11 at MVP-FR-321 (CIS). The Spread 1 Environmental inspection staff communicated this issue to the VADEQ and provided documentation within the SWPPP VSIR. *Ten of these items were identified by the contractor Environmental staff while conducting routine maintenance activities. |
| 9/1/2022 | | *9 | | | | 4 | 5 | | | 8 on 9/1/2022 1 on 9/2/2022 | Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe. Four of the identified items were caused by third party impacts related to livestock traffic (3) and unauthorized traffic (1). *Three of these items were identified by the contractor Environmental staff while conducting routine maintenance activities. |
| 9/2/2022 | | *6 | | | | 1 | 5 | | | 6 on 9/2/2022 | Six items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to a soil stockpile protruding into an MVP laydown yard. *Five of these items were identified by the contractor Environmental staff while conducting routine maintenance activities. |

| VADEQ OBSERVATIONS | | | | | | | | | | | |
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| DATE OF OBSERVATION | PRECIPITATION AMOUNT AND DURATION | TOTAL NUMBER OBSERVATIONS | ENVIRONMENTAL RESOURCE IMPACT | OFF RIGHT OF WAY IMPACT | RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/ REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 8/29/2022 | | 1 | | | | | 1 | | | 1 on 8/29/2022 | One item was identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 9/1/2022 | | 1 | | | | | 1 | | | 1 on 9/1/2022 | One item was identified requiring ESC repair/maintenance and completed within the required timeframe. |
| LANDOWNER/THIRD PARTY REPORTED COMPLAINTS | | | | | | | | | | | |
| DATE OF OBSERVATION | NEAREST ROAD OR FEATURE | | | | | | TOTAL NUMBER OBSERVATIONS | | | SUMMARY OF OBSERVATIONS | |
| | | | | | | | | | | | |
| ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS | | | | | | | | | | | |
| DATE OF OBSERVATION | OBSERVATIONS | | | | | | CONCLUSION AND RECOMMENDATIONS | | | | |
| 8/22/2022 | The Environmental Auditor conducted site evaluations at the following locations: State Highway 40 (GAS), MVP-FR-321 (CIS), Bar Ridge Road (CIS/GAS) and MVP-FR-323 (GAS). | | | | | | The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread I LEI, Chief EI and MVP Environmental staff regarding observations and recommendations related to implementing repair/maintenance and installing enhanced stabilization measures on travel lanes above approaches to environmental resource crossings. | | | | |
| 8/25/2022 | The Environmental Auditor conducted site evaluations at Climax Road (GAS) and Toshes Road (GAS). | | | | | | The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor observed a third party earth disturbance activity south of the right of way between Anderson Mill Road #1 and Climax Road (previously identified in the Q4 2021 report). This area entails a substantial amount of disturbed acreage with the potential to impact three environmental resources (S-CC5, S-CC9 and S-CC10) that flow through the right of way. No visible ESC measures were observed at the perimeter of the disturbed area above the MVP project. The Environmental Auditor communicated the observations with the Spread I LEI, Chief EI and MVP Environmental staff. The Spread I Environmental inspection staff communicated this issue to the VADEQ and provided documentation within the SWPPP VSIR. The Environmental Auditor observed sediment laden water entering the stabilized right of way at Toshes Road (GAS) from what appeared to be dewatering activities from an upslope third party energy project sediment basin. The Environmental Auditor observed the turbid water flow through what appeared to be an improperly installed rock filter by the third party. The Environmental Auditor communicated the observations with the Spread I LEI, Chief EI and MVP Environmental staff. The Spread I Environmental inspection staff communicated this issue to the VADEQ and provided documentation within the SWPPP VSIR. | | | | |
| 8/29/2022 | The Environmental Auditor conducted site evaluations at the following locations: Transco Interconnect, H-602, H-603, Chalk Level Road (GAS) and Indian Cave Road (CIS). | | | | | | The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. Per communication from the Spread I LEI, the Environmental Auditor evaluated impacts to the right of way at Indian Cave Road (CIS) caused by third party activities related to logging operations. The Environmental Auditor observed ESC measures damaged and the right of way disturbed. The access location is from an existing off right of way dirt road to the north, traversing through the right of way to an active logging operation occurring south of the right of way. It appeared that this off right of way location could potentially cause downstream impacts to an environmental resource (S-A20) that crosses the right of way east of MVP-FR-321. The Environmental Auditor observed another logging operation area north the right of way above three environmental resources (S-H27, S-H28 and S-A22) that flow through the project west of Indian Cave Road. The Spread I Environmental inspection staff communicated this issue to the VADEQ and provided documentation within the SWPPP VSIR. During the evaluation the Environmental Auditor encountered a VADEQ inspector conducting an inspection. | | | | |
| 9/1/2022 | The Environmental Auditor conducted site evaluations at the following locations: MVP-FR-321 (CIS/GAS), Indian Cave Road (CIS), Timber Ridge Road (GAS) and US-220 (CIS). | | | | | | The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread I LEI, Chief EI and MVP Environmental staff regarding observations regarding third party vehicle tracking on the right of way and provided recommendations related to installing enhanced erosion control measures. Per communication from the Spread I LEI, the Environmental Auditor evaluated impacts to the right of way and environmental resources (W-H11 and S-H30) caused by third party upslope earth disturbance activities north of the right of way (identified in the Q1 2022 and Q2 2022 reports) following a high intensity/short duration storm event. The Environmental Auditor observed sediment deposition within W-H11 and S-H30 from the upslope third party earth disturbance activity. The Environmental Auditor observed project related enhanced ESC measures installed to address potential future third party off right of way run-on impacts. The Spread I Environmental inspection staff communicated this issue to the VADEQ and provided documentation within the SWPPP VSIR. | | | | |
| 8/22/2022 through 9/4/2022 | <p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VISRs and ODCP reports to be compliant during this reporting period for the Spread I Project.</p> <p>The Environmental Auditor observed several MVP Daily Punchlist items provided by the contractor Environmental staff throughout this reporting period. Several of the contractor identified items occurred within locations where SWPPP inspections were conducted the same day(s) and the corresponding VSIRs noted all BMPs as acceptable. On 9/1/2022 the Environmental Auditor communicated the VSIR findings to the Spread I LEI, Chief EI and MVP Environmental staff and recommended communicating with the respective EI(s) and the contractor Environmental staff. It should be noted that the contractor Environmental staff does not conduct SWPPP inspections and is communicating observations to the Spread I Environmental inspection staff while conducting routine repair/maintenance activities. In turn the contractor Environmental staff observations are being included within the daily MVP Punchlists via coordination with the MVP Environmental inspection staff.</p> <p>The Environmental Auditor communicated to all Spread LEIs on 9/1/2022 regarding the upcoming Bi-Weekly reporting period ending on 9/4/2022. The Environmental Auditor provided technical recommendations regarding access roadside ditch stabilization and proper check dam installation.</p> | | | | | | <p>The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread I Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector and Environmental Coordinator, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity. The Environmental Auditor recommends continued monitoring where third party earth disturbance activities could continue to directly or indirectly impact the right of way and environmental resources.</p> <p>The Environmental Auditor continues to recommend the Spread I LEI and/or the Environmental Coordinator conduct QA/QC on each VSIR to ensure consistency with the daily MVP Punchlists. The Environmental Auditor recommends communication between the contractor Environmental staff and EIs regarding contractor MVP Daily Punchlist observations.</p> | | | | |
| 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: 9/18/2022
 Report Prepared By: Joe Crea

| SUMMARY OF FINDINGS | | | | | | | | | | | |
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| Total Number of SWPPP Inspections: 70 conducted from 9/5/2022 through 9/18/2022 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards): Refer to Environmental Auditor Field Observations and Recommendations for further discussion. | | | | | | | | | | | |
| Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 9/5/2022 through 9/18/2022 (includes Carry Over Items from 9/4/2022): 94 (*Includes observations by the contractor Environmental staff) | | | | | | | | | | | |
| Total Number of ODCP Inspections at Laydown Yard 045/46: 4 (9/6/2022 through 9/9/2022); 5 (9/12/2022 through 9/16/2022): Holiday on 9/5/2022 | | | | | | | | | | | |
| Total Number of VA DEQ Observations from 9/5/2022 through 9/18/2022: 0 | | | | | | | | | | | |
| Total Number of Landowner/Third Party Reported Complaints: 0 | | | | | | | | | | | |
| Total Number of Right of Way Impacts Caused by Third Parties: 25 (livestock traffic, wildlife traffic, unauthorized traffic, landowner traffic, agricultural activities, and logging operations) | | | | | | | | | | | |
| Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris): 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 9/5/2022 through 9/18/2022. | | | | | | | | | | | |
| CARRY OVER ITEMS FROM 9/4/2022 | | | | | | | | | | | |
| DATE OF OBSERVATION | PRECIPITATION AMOUNT AND DURATION | TOTAL NUMBER OBSERVATIONS | ENVIRONMENTAL RESOURCE IMPACT | OFF RIGHT OF WAY IMPACT | RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/ REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 11/20/2022 | 2.5"-6.3" - 20 Hours *Remnants of Hurricane Eta continuing from 11/11/2020 | 1 | | | | | 1 | 1 on 11/13, 11/16, 11/19 and 11/23/2020 to be completed upon USACOE approval. Long term extensions granted on 11/24/2020. | | | One item related to bridge repair is awaiting ACOE 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 WEATHER RELATED DAMAGE | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/ REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 9/6/2022 | 0.2"-3.0" - 7 Hours *Rainfall with intervals of high intensity/short duration rates occurred on 9/4/2022 and 9/5/2022 | *8 | | | | 2 | 6 | | | 7 on 9/6/2022 1 on 9/7/2022 | Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to landowner traffic and wildlife traffic. *Three of these items were identified by the contractor Environmental staff while conducting routine maintenance activities. |
| 9/7/2022 | | *13 | | | | 1 | 12 | | | 13 on 9/7/2022 | Thirteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items were caused by third party impacts related to landowner agricultural traffic. *Four of these items were identified by the contractor Environmental staff while conducting routine maintenance activities. |
| 9/8/2022 | 0.0"-1.0" - 3 Hours *Scattered rainfall occurred on 9/7/2022 | 9 | | | | 3 | 6 | | | 9 on 9/8/2022 | Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe. Three of the identified items were caused by third party impacts related to logging operations. |
| 9/9/2022 | | *12 | | | | 1 | 11 | | | 12 on 9/9/2022 | Twelve items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items were caused by third party impacts related to livestock traffic. *Two of these items were identified by the contractor Environmental staff while conducting routine maintenance activities. |
| 9/12/2022 | 0.0"-0.3" - 3 Hours *Scattered showers occurred late 9/11/2022 | *7 | | | | 4 | 3 | | | 5 on 9/12/2022 2 on 9/13/2022 | Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe. Four of the identified items were caused by third party impacts related to wildlife traffic (2) and unauthorized traffic (2). *Two of these items were identified by the contractor Environmental staff while conducting routine maintenance activities. |
| 9/13/2022 | 0.0"-0.9" - 3 Hours *Rainfall occurred on 9/12/2022 | *10 | | | | 6 | 4 | | | 10 on 9/13/2022 | Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe. Four of the identified items were caused by third party impacts related to livestock traffic (2), wildlife traffic (1) and unauthorized traffic (1). *Two of these items were identified by the contractor Environmental staff while conducting routine maintenance activities. |
| 9/14/2022 | | *11 | | | | 2 | 9 | | | 11 on 9/14/2022 | Eleven items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to livestock traffic and landowner mowing activities. *Three of these items were identified by the contractor Environmental staff while conducting routine maintenance activities. |
| 9/15/2022 | | *14 | | | | 5 | 9 | | | 14 on 9/15/2022 | Fourteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. Five of the identified items were caused by third party impacts related to unauthorized traffic. *Five of these items were identified by the contractor Environmental staff while conducting routine maintenance activities. |
| 9/16/2022 | | 9 | | | | 1 | 8 | | | 9 on 9/16/2022 | Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items were caused by third party impacts related to unauthorized traffic. |

| VADEQ OBSERVATIONS | | | | | | | | | | | |
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| DATE OF OBSERVATION | PRECIPITATION AMOUNT AND DURATION | TOTAL NUMBER OBSERVATIONS | ENVIRONMENTAL RESOURCE IMPACT | OFF RIGHT OF WAY IMPACT | RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/ REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 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 | | | |
| 9/7/2022 | The Environmental Auditor conducted site evaluations at the following locations: Cahas Mountain Road #1 (GAS), Bethlehem Road (CIS), Leaning Oak Road (CIS/GAS), Green Level Road (CIS) and Brick Church Road (GAS). | | | | | | | The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread I LEI, EI, Chief EI and MVP Environmental staff regarding observations and recommendations related to installing soil stabilization blanket within a travel lane where erosion is occurring when drier conditions occur. | | | |
| 9/12/2022 | The Environmental Auditor conducted site evaluations at the following locations: MVP-FR-322 (GAS), Indian Cave Road (CIS), MVP-FR-321 (CIS) and State Highway 40 (GAS). | | | | | | | The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread I LEI, EI, Chief EI and MVP Environmental staff regarding observations and recommendations related to waterbar repair/maintenance and installing soil stabilization blanket. The Environmental Auditor conducted a follow up evaluation at Indian Cave Road (CIS) to monitor impacts caused by third party activities related to logging operations (previously documented within the 9/4/2022 Bi-Weekly Report). The Environmental Auditor observed ESC measures damaged and the right of way disturbed by the logging operation at a new location due to logging equipment traversing across the right of way to an active logging operation occurring south of the right of way. It appeared that this off right of way location could potentially cause downstream impacts to environmental resources (S-H27, S-H28 and S-A22) which flow through the right of way west of Indian Cave Road. The Spread I Environmental inspection staff communicated this issue to the VADEQ and provided documentation within the SWPPP VSIRs. | | | |
| 9/13/2022 | The Environmental Auditor conducted a site evaluation at Green Level Road (GAS). | | | | | | | The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor observed recent maintenance activities within the S-MM42 buffer area due to previously documented upslope landowner disturbance. | | | |
| 9/15/2022 | The Environmental Auditor conducted site evaluations at Snow Creek Road (CIS/GAS) and Bar Ridge Road (GAS). | | | | | | | The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread I LEI, EI, Chief EI and MVP Environmental staff regarding observations and recommendations related to waterbar repairs and installing soil stabilization blanket within a travel lane. | | | |
| 9/5/2022 through 9/18/2022 | The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs and ODCP reports to be compliant during this reporting period for the Spread I Project. However, the Environmental Auditor reviewed the SWPPP VSIR reports and noted corrective action items related to third party impacts documented within the daily MVP Punchlist for 9/8/2022 were not documented within the respective SWPPP VSIR report for that day. The Environmental Auditor communicated this finding to the Spread I LEI, Chief EI and MVP Environmental staff. The Environmental Auditor communicated with all Spread LEIs on 9/15/2022 regarding the upcoming Bi-Weekly reporting period ending on 9/18/2022. | | | | | | | The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread I Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector and Environmental Coordinator, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity. The Environmental Auditor recommends continued monitoring and documentation within SWPPP VSIRs where third party earth disturbance activities could continue or potentially impact the right of way and/or affiliated environmental resources. The Environmental Auditor continues to observe ongoing issues related to the daily MVP Punchlist and SWPPP VSIRs and highly recommends communication within the Spread I Environmental Inspection staff and QA/QC be conducted between the LEI and Environmental Coordinator. | | | |
| 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: 9/30/2022
 Report Prepared By: Joe Crea

| SUMMARY OF FINDINGS | | | | | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------|-------------------------------|-------------------------|-------------------------------------------------------|----------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total Number of SWPPP Inspections: 76 conducted from 9/19/2022 through 9/30/2022 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards) | | | | | | | | | | | |
| Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 9/19/2022 through 9/30/2022 (includes Carry Over Items from 9/18/2022): 81 (*Includes observations by the contractor Environmental staff) | | | | | | | | | | | |
| Total Number of ODCP Inspections at Laydown Yard 045/46: 5 (9/19/2022 through 9/23/2022); 5 (9/26/2022 through 9/30/2022) | | | | | | | | | | | |
| Total Number of VA DEQ Observations from 9/19/2022 through 9/30/2022: 5 | | | | | | | | | | | |
| Total Number of Landowner/Third Party Reported Complaints: 0 | | | | | | | | | | | |
| Total Number of Right of Way Impacts Caused by Third Parties: 25 (livestock traffic, unauthorized traffic, agricultural activities and logging operations) | | | | | | | | | | | |
| Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris): 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 9/19/2022 through 9/30/2022. | | | | | | | | | | | |
| CARRY OVER ITEMS FROM 9/18/2022 | | | | | | | | | | | |
| DATE OF OBSERVATION | PRECIPITATION AMOUNT AND DURATION | TOTAL NUMBER OBSERVATIONS | ENVIRONMENTAL RESOURCE IMPACT | OFF RIGHT OF WAY IMPACT | RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/ REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 11/20/2022 | 2.5"-6.3" - 20 Hours *Remnants of Hurricane Eta continuing from 11/11/2020 | 1 | | | | | 1 | 1 on 11/13, 11/16, 11/19 and 11/23/2020 to be completed upon USACOE approval. Long term extensions granted on 11/24/2020. | | | One item related to bridge repair is awaiting ACOE 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 WEATHER RELATED DAMAGE | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/ REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 9/19/2022 | | *20 | | | | 8 | 12 | | | 14 on 9/19/2022 6 on 9/20/2022 | Twenty items were identified requiring ESC repair/maintenance and completed within the required timeframe. Eight of the identified items were caused by third party impacts related to livestock traffic (2) and unauthorized traffic (6). *Three of these items were identified by the contractor Environmental staff while conducting routine maintenance activities. |
| 9/20/2022 | | 1 | | | | | 1 | | | 1 on 9/20/2022 | One item was identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 9/21/2022 | | *7 | | | | 1 | 6 | | | 7 on 9/21/2022 | Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to unauthorized traffic. *Two of these items were identified by the contractor Environmental staff while conducting routine maintenance activities. |
| 9/22/2022 | | *9 | | | | 3 | 6 | | | 8 on 9/22/2022 1 on 9/23/2022 | Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe. Three of the identified items were caused by third party impacts related to unauthorized traffic. *Two of these items were identified by the contractor Environmental staff while conducting routine maintenance activities. |
| 9/23/2022 | | *6 | | | | | 6 | | | 6 on 9/23/2022 | Six items were identified requiring ESC repair/maintenance and completed within the required timeframe. *Four of these items were identified by the contractor Environmental staff while conducting routine maintenance activities. |
| 9/26/2022 | 0.1"-0.5" - 4 Hours *Rainfall occurred on 9/25/2022 | *13 | | | | 4 | 9 | | | 10 on 9/26/2022 3 on 9/27/2022 | Thirteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. Four of the identified items were caused by third party impacts related to livestock traffic (1) unauthorized traffic (2) and agricultural activities (1). *Two of these items were identified by the contractor Environmental staff while conducting routine maintenance activities. |
| 9/27/2022 | | *8 | | | | 4 | 4 | | | 8 on 9/27/2022 | Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe. Four of the identified items were caused by third party impacts related to livestock traffic (2) and logging operations (2). *Two of these items were identified by the contractor Environmental staff while conducting routine maintenance activities. |
| 9/28/2022 | | 6 | | | | 2 | 4 | | | 5 on 9/28/2022 1 on 9/29/2022 | Six items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to unauthorized traffic. |
| 9/29/2022 | | *6 | | | | 2 | 4 | | | 6 on 9/29/2022 | Six items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to livestock traffic. *Four of these items were identified by the contractor Environmental staff while conducting routine maintenance activities. |
| 9/30/2022 | | *4 | | | | 1 | 3 | | | 4 on 9/30/2022 | Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to unauthorized traffic. *Three of these items were identified by the contractor Environmental staff while conducting routine maintenance activities. |

| VADEQ OBSERVATIONS | | | | | | | | | | | |
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| DATE OF OBSERVATION | PRECIPITATION AMOUNT AND DURATION | TOTAL NUMBER OBSERVATIONS | ENVIRONMENTAL RESOURCE IMPACT | OFF RIGHT OF WAY IMPACT | RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE | RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES | MAINTENANCE/ REPAIR | TOTAL NUMBER EXTENSION REQUEST(S) | DATE COMPLETED 24-HOURS | DATE COMPLETED THREE DAYS | SUMMARY OF OBSERVATIONS |
| 9/20/2022 | | 1 | | | | | 1 | | 1 on 9/20/2022 | | One item was identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 9/21/2022 | | 2 | | | | | 2 | | | 2 on 9/21/2022 | Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| 9/29/2022 | | 2 | | | | | 2 | | 1 on 9/29/2022 | 1 on 9/29/2022 | Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. |
| LANDOWNER/THIRD PARTY REPORTED COMPLAINTS | | | | | | | | | | | |
| DATE OF OBSERVATION | NEAREST ROAD OR FEATURE | | | | | | TOTAL NUMBER OBSERVATIONS | | | SUMMARY OF OBSERVATIONS | |
| | | | | | | | | | | | |
| ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS | | | | | | | | | | | |
| DATE OF OBSERVATION | OBSERVATIONS | | | | | | CONCLUSION AND RECOMMENDATIONS | | | | |
| 9/20/2022 | The Environmental Auditor conducted site evaluations at the following locations: Webster Road (CIS/GAS), MVP-FR-314 (CIS), Brick Church Road (GAS) and MVP-FR-300/ATWS-569A (CIS/GAS). | | | | | | The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread I LEI, Chief EI and MVP Environmental staff regarding observations and recommendations related to restabilization and monitoring a travel lane. | | | | |
| 9/26/2022 | The Environmental Auditor conducted site evaluations at the following locations: Jacks Creek Road (GAS)/MVP-FR-321, Indian Cave Road (CIS) and Bar Ridge Road GAS). | | | | | | The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor conducted a follow up evaluation at Indian Cave Road (CIS) to monitor impacts caused by third party activities related to previously documented logging operations. The Environmental Auditor continued to observe ESC measures damaged and the right of way disturbed with recent impacts to the S-A22 buffer area directly above the west streambank. The Environmental Auditor observed ESC measures repaired/installed within the disturbed buffer area. It appears that the current off right of way logging activities (north and south of the right of way) could potentially cause downstream impacts to environmental resources (S-H27, S-H28 and S-A22) which flow through the right of way. The Spread I Environmental inspection staff communicated the issues to the VADEQ and continues to provide documentation within the SWPPP VSIRs. | | | | |
| 9/19/2022 through 9/30/2022 | <p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs and ODCP reports to be compliant during this reporting period for the Spread I Project.</p> <p>The Environmental Auditor continued to monitor third party impacts related to logging operations at Indian Cave Road (CIS). The Environmental Auditor observed continued impacts across the right of way at approximate station 14745+00 and a recent impact within the S-A22 buffer area (approximate station 14751+50) where recent ESC measures repair/replacement was conducted by the MVP contractor Environmental staff. These impacts were communicated to the VADEQ and documented within the SWPPP VSIRs.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 9/29/2022 and 9/30/2022 regarding the Partial Bi-Weekly reporting period ending on 9/30/2022 (End of Q3 2022) and the upcoming Q3 2022 reports. The Environmental Auditor discussed monitoring stream approaches during the upcoming rainfall event and conducting QA/QC on all SWPPP VSIRs, ODCP reports and MVP Punchlists.</p> | | | | | | <p>The Environmental Auditor concludes that SWPPP inspections meet inspection timeframe requirements and recommends continued BMP monitoring throughout the Spread I Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector and Environmental Coordinator, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.</p> <p>The Environmental Auditor recommends continued monitoring and documentation within SWPPP VSIRs and daily MVP Punchlists where third party earth disturbance activities could continue or potentially impact the right of way and/or affiliated environmental resources. The Environmental Auditor observed inconsistencies between the SWPPP VSIRs and MVP Punchlists and communicated and coordinated with the Spread I Environmental inspections staff, Chief EI and MVP Environmental staff regarding the findings.</p> | | | | |
| 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 | | | | | | | | | |