

Mountain Valley Pipeline Project – Spread H Environmental Auditor Quarterly Report for Q4 2022 January 15, 2023

Environmental Auditor Contact Information

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I. Introduction

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

As required by the Virginia Erosion and Sediment Control Law and the Stormwater Management Act Linear Entity, Mountain Valley Pipeline, LLC (MVP) has developed Annual Standards and Specifications to identify means and methods for controlling erosion and sediment during construction and post construction. MVP currently has inspection staff requirements on the Spread H Project to include a Lead Environmental Inspector (LEI) and a 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 H Els currently conduct inspections for the following geographical locations:

- Montgomery, Roanoke, and Franklin Counties
 - 12005+00-12544+06
 - 12600+00-13141+65
 - 13141+65-13422+00
 - PY-006
 - LY-049

Inspections did not occur from October 1, 2022 through December 31, 2022 (Q4 reporting period) between approximate stations 12544+06-12600+70 as earth disturbance activities have not commenced within these locations. No forward construction progress occurred on Spread H during the Q4 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:

- 12009+00-12011+63; 12113+00-12115+00
- 12145+50-12147+50; 12147+50-12152+00
- 12212+00-12216+00; 12235+00-12281+00
- 12691+05-12697+00; 12999+30-13022+00
- 13044+00-13057+00: 13058+93-13061+40
- 13063+96-13115+00; 13213+00-13260+00
- 13262+58-13316+00

II. Information Reviewed to Prepare Quarterly Report

The Environmental Auditor utilized the following resources to assist with evaluating project compliance throughout the Q4 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 H Rain Gauge Data;
- Spread H 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 H Environmental inspection staff and the Tetra Tech Civil Engineering and Construction Management Departments.

The following sections III. through VI. provide an overall for the Q4 reporting period. Please refer to the attached Environmental Auditor Bi-Weekly Reports for further detailed information.

III. Quarterly Summary of Environmental Inspector Observations

Per Table H-1A, the Environmental Inspectors observed at total of 130 daily punchlist items (includes Carry Over items) requiring repair/maintenance throughout the Q4 reporting period. The Environmental Auditor noted 9 items identified by the Els as ESC measures damaged due to impacts caused by third party activities related to wildlife traffic, landowner traffic, and unauthorized traffic. The ESC measures were subsequently repaired/maintained within the required timeframe.

During the Q4 reporting period all items provided on the punchlist were communicated to the contractor Environmental staff and addressed within the VADEQ approved timeframe (24 hours/Three Days or as extended by VADEQ authorization). **Refer to Table H-1A and the respective Bi-Weekly Reports for further discussion**.

Based on the MVP Punchlist data and the Environmental Auditor's Bi-Weekly Reports, the following Table H-1A provides a summary of maintenance/repair items identified by the Environmental Inspectors throughout the Q4 reporting period:

Table H-1A

Spread H	Spread H Environmental Inspector Observations: October 1, 2022 – December 31, 2022											
Monthly Observation	Total Number Observations	Environmental Resource Impacts	Off Right of Way Impacts	Right of Way Impacts Caused by Third Parties	Weather Related Damage							
October 2022	*57	0	0	6	0							
November 2022	*37	0	0	3	0							
December 2022	*36	0	0	0	0							

^{*} Includes Carry Over Items

The Els conducted a total of 192 SWPPP inspections and provided respective VSIRs throughout the Q4 reporting period. Upon review of the SWPPP VSIRs, it appears that the Els observations were documented within the daily MVP Punchlists, communicated to the contractor and noted issues were maintained/repaired within the same day or within the VADEQ approved timeframe (24 Hours/Three Days or as extended by VADEQ authorization). Due to freezing rain and unsafe conditions on 12/15/2022, the Els conducted partial SWPPP inspections. On 12/21/2022 a portion of the right of way was inaccessible due to a third party locking the access road gate. Both instances were reported within the respective SWPPP VSIRs.

On 11/16/2022 and 12/14/2022, the EIs observed third party earth disturbance activities adjacent to MVP-LY-049 and MVP-FR-292, respectively and noted damage to the ESC measures. No sediment impacts to the project right of way or environmental resources which flow through the right of way were observed by the EIs. These third party earth disturbance activities were communicated to the VADEQ and documented within the respective SWPPP VSIRs. **Refer to Section VI. for further discussion**.

The Spread H Els conducted ODCP site inspections at Laydown Yard PY-006 throughout the Q4 reporting period. Twenty-one inspections were conducted in October, 17 inspections were conducted in November, and 22 inspections were conducted in December. On 12/13/2022 the El observed a small diesel spill outside the bulk fuel tanks during an ODCP inspection. The contractor was immediately notified, the area cleaned up and the affected stone was placed in a hazardous waste container. No environmental resources were impacted.

An approximate total of 21 recordable precipitation events occurred during the Q4 reporting period. No off right of way or environmental resource impacts occurred during the Q4 reporting period.

Based on rainfall gauge data provided by the Spread H Els, the following Table H-1B provides a summary of monthly recorded rainfall dates, amounts based on lowest to highest rates, and estimated duration for each event throughout the Q4 reporting period:

Table H-1B

	Spread H Rai	nfall and Dura	tion Rates: October 1, 2022	- December 3	1, 2022
	October		November		December
Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
10/3/2022	2.1"-5.1" - 33 Hours *Rainfall with intervals of high intensity/short duration rainfall related to Hurricane Ian occurred from 9/30/2022 through 10/2/2022	11/1/2022	0.2"-0.5" - 11 Hours *Rainfall occurred on 10/31/2022	12/5/2022	0.2"-0.5" - 10 Hours *Rainfall occurred on 12/3/2022
10/13/2022	0.1"-0.4" - 4 Hours	11/3/2022	0.0"-0.1" - 3 Hours	12/72022	0.4"-1.0" - 25 Hours *Rainfall began on 12/6/2022 into early 12/7/2022

	Spread H Rai	nfall and Dura	tion Rates: October 1, 2022	- December 3	1, 2022
	October		November		December
Date	Rainfall and	Date	Rainfall and	Date	Rainfall and Approximate
Recorded	Approximate Duration	Recorded	Approximate Duration	Recorded	Duration
10/17/2022	0.1"-0.4" - 10.25 Hours *Rainfall occurred late 10/16/2022	11/7/2022	0.3"-1.5" - 30 Hours *Scattered Showers occurred from 11/5/2022 into 11/6/2022	12/8/2022	0.0"-0.2" - 5.25 Hours *Light rain occurred on 12/7/2022
10/26/2022	0.0"-0.1" - 1.5 Hours	11/11/2022	0.6"-2.2" - 9.5 Hours *Remnants of Tropical Storm Nicole began late 11/10/2022 continuing into 11/11/2022	12/9/2022	0.3"-0.4" - 13 Hours *Rainfall occurred from 12/8/2022 into early morning 12/9/2022
		11/12/2022	0.8"-1.4" - 17 Hours *Remnants of Tropical Storm Nicole continued through 11//11/2022	12/12/2022	0.0"-0.2" - 5.5 Hours *Scattered showers occurred on 12/9/2022 and 12/11/2022
		11/16/2022	0.7"-1.3" - 12.75 Hours *Rainfall occurred on 11/15/2022	12/16/2022	0.4"-1.5" - 19.5 Hours *Freezing rain to rain occurred late afternoon on 12/14/2022 and ended early afternoon on 12/15/2022
		11/28/2022	0.1" - 2 Hours	12/22/2022	0.3"-0.7" - 6 Hours
		11/30/2022	0.4"-0.6" - 3.5 Hours	12/23/2022	0.6"-1.2" - 7.5 Hours *Rainfall continued from 9:00 am until 4:30 pm and changed to Wintry Mix on 12/22/2022
				12/31/2022	0.2"-0.3" - 3 Hours

IV. Quarterly Summary of VADEQ Observations

Per Table H-1C, the VADEQ Inspectors observed a total of 9 items (includes Carry Over items) requiring repair/maintenance throughout the Q4 reporting period. During this reporting period the Environmental Auditor noted no items identified by the VADEQ as ESC measures damaged due to third party impacts. During the Q4 reporting period, the VADEQ did not identify project related off right of way or environmental resource impacts throughout the Spread H project area. **Refer to Table H-1C and the respective Bi-Weekly Reports for further detailed information**.

The items provided on the daily MVP Punchlists 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 VADEQ authorization). Please note that one carry over item from 3/13/2022 continues to be extended. This carry over item has been established by the VADEQ as a reminder to extend waterbars across the entire right of way once future grubbing activities are completed.

Based on the MVP Punchlist data and the Environmental Auditor's Bi-Weekly Reports, the following Table H-1C provides a summary of maintenance/repair items identified by the VADEQ Inspectors throughout the Q4 reporting period:

Table H-1C

	Spread H VADEQ Observations: October 1, 2022 – December 31, 2022											
Monthly Observation	l mi											
October 2022	*2	0	0	0	0							
November 2022	*4	0	0	0	0							
December 2022	*3	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 H during the Q4 reporting period.

VI. Quarterly Summary of Environmental Auditor Observations and Recommendations

Per Table H-1D, the Environmental Auditor conducted 54 site evaluations during the Q4 reporting period and observed locations where ESC and Pollution Prevention measures required proper installation, 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, SWM, and Pollution Prevention measures throughout the project for proper installation and functionality. The Environmental Auditor communicated observations and recommendations with the Spread H Environmental inspection staff, Chief EI and MVP Environmental staff. Repair/maintenance items and recommendations were forwarded to the contractor Environmental staff by the Spread H Environmental inspection staff and recommendations were addressed. The Environmental Auditor provided recommendations to monitor temporary stabilization measures throughout the project and conduct restabilization activities as necessary.

On 11/16/2022 via communication with the Spread H LEI and MVP Environmental staff, the Environmental Auditor evaluated the right of way at MVP-FR-292 observed off right of way third party earth disturbance activities where project ESC measures have been damaged. It appears that no third party ESC measures were installed at the time of the evaluation and potential impacts due to the third party earth disturbance could occur to S-D17, S-D13, S-D12, S-HH3 and S-HH5. The Environmental Auditor conducted follow-up evaluations on 11/28/2022 and 12/20/2022. No off right of way sediment appeared to impact the right of way or nearby environmental resources at the time of the evaluation. The Environmental Auditor communicated the evaluation observations, concerns and monitoring recommendations to the Spread H LEI, Chief EI, and MVP Environmental staff. The Spread H Environmental inspection staff communicated this issue to the VADEQ and provided documentation within the SWPPP VSIRs.

On 12/14/2022, the Spread H LEI contacted the Environmental Auditor regarding off right of way landowner earth disturbance activities at MVP-LY-049 and damage to the project sediment controls. On 12/29/2022 a site evaluation was conducted at MVP-LY-049 and perimeter sediment control controls damaged due to the third party earth disturbance activities was observed. No off right of way sediment appeared to impact the right of way or nearby environmental resources at the time of the evaluation. The Spread H Environmental inspection staff communicated this issue to the VADEQ and provided documentation within the SWPPP VSIRs.

In addition to ESC measures repair/maintenance and enhancements, the Environmental Auditor provided recommendations to monitor temporary stabilization measures throughout the project and conduct restabilization activities which included installing soil stabilization blanket (SSB). The Environmental Auditor also provided recommendations related to SWPPP VSIR and ODCP inspection reports. The Spread H Environmental inspection staff, contractor Environmental staff, Chief EI and the Environmental Auditor continue to monitor locations throughout the right of way where ESC measures are degrading or approaching the endpoint of functional longevity due to the project's extended timeframe.

The Environmental Auditor continues to communicate with the Spread H 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 documentation and technical support.

The following Table H-1D provides a summary of the monthly total number of observations (site evaluations) conducted by the Environmental Auditor throughout the Q4 reporting period.

Table H-1D

Environmental Auditor I	Environmental Auditor Field Observations: October 1, 2022 – December 31, 2022										
Month	Total Observations										
October 2022	15										
November 2022	19										
December 2022	20										

VII. Conclusion(s)

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

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

Based on the aforementioned observations, the resources available and deployed in the field (including Els 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 Q4 reporting period. The Environmental Auditor recommends continued communication between the MVP Spread H Environmental inspection staff and the contractor Environmental staff to ensure all ESC measures are installed and functional and enhanced where necessary to maintain compliance with the approved Annual Standards and Specifications. The Environmental Auditor also recommends continuing to monitor off right of way third party earth disturbance activities that could potentially impact the project right of way and/or affiliated environmental resources.

As the VADEQ is aware, there are instances noted in the Q4 2019 through Q3 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.

ENVIRONMENTAL PARTIAL BI-WEEKLY REPORT - 10/3/2022 through 10/16/2022 (Beginning of Q4 2022)

ENVIRONMENTAL AUDITOR CONTACT INFORMATION Joe Crea CPESC, CPSWQ Tetra Tech 661 Andersen Drive, Suite 200, Pittsburgh PA 15220

Report Period Ending: 10/16/2022

Report Prepared By: Joe Crea

								SUMMARY OF FINDINGS						
Total Number of SWPPP I	tal Number of SWPPP Inspections: 31 conducted from 10/3/2022 through 10/16/2022 (includes PY-006)													
	mental Inspector (EI) Erosion and S				0/16/2022 (includes Car	rry Over Items from 9/3	0/2022): 26							
Total Number of ODCP In	spections at Laydown Yard PY-006	5: 5 (10/3/2022 throu	igh 10/7/2022); 5 (10/1	0/2022 through 10/	14/2022)		·							
	Number of VA DEQ Observations from 10/3/2022 through 10/16/2022 (includes Carry Over Items from 9/30/2022):1													
	tumber of Landowner/Third Party Reported Complaints: 0													
	umber of Right of Way Impacts Caused by Third Parties: 2 (wildlife traffic)													
	umber of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris):0													
	lumber of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris):0 Iumber of Off Right of Way Impacts: 0													
	Number of Environmental Resource Impacts: 0 Number of ESC Measures in Need of Routine Maintenance Not Maintenance Not Maintenance Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree 0													
	Number of ESC Measures in Need of Routine Maintenance Not Maintenance Not Maintenance Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0													
	ed 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 10/3/2022 through 10/16/2022. CARRY OVER ITEMS FROM 9/30/2022													
					RIGHT OF WAY									
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	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	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	2021 1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 5/12, 5/19, 6/2, 6/9, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, and 12/16/2021. 2022 1/17, 2/17, 3/17, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, and 10/14/2022 to be completed on 11/17/2022			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.			
3/16/2022		1 (VADEQ)					1	1 VADEQ reminder on 3/16, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, and 10/14/2022 to be completed on 11/16/2022 (This item is an extension of a 3/13/2022 Daily Punchlist Item where the VADEQ has established a reminder to extend waterbars across the entire right of way when grubbing is completed within the currently stabilized area below the waterbars)			This item is a reminder established by the VADEQ to extend waterbars across the entire right of way once grubbing activities occur within the existing stabilized area below the waterbars. This reminder will serve as an ongoing punchlist item to be extended on a monthly basis by the VADEQ until active earthmoving activities resume and the waterbars are extended across the entire length of the right of way to discharge off the right of way.			
								ENVIRONMENTAL INSPECTOR OBSERVATIONS						
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS			
10/3/2022	2.1"-5.1" - 33 Hours *Rainfall with intervals of high intensity/short duration rainfall related to Hurricane lan occurred from 9/30/2022 through 10/2/2022	2					2			2 on 10/3/2022	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.			
10/4/2022		8				2	6			3 on 10/4/2022 5 on 10/5/2022	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe. Per documentation within the SWPPP VSIR, two of the identified items were caused by third party impacts related to wildlife traffic.			
10/5/2022		10					10			10 on 10/6/2022	Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe.			
10/11/2022		2					2		1 on 10/11/2022	1 on 10/11/2022	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.			
10/12/2022		1					1			1 on 10/12/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.			
10/13/2022	0.1"-0.4" - 4 Hours	1					1			1 on 10/13/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.			
10/14/2022		1					1			1 on 10/14/2022	One item was identified requiring good housekeeping maintenance and completed within the required timeframe.			
								VADEQ OBSERVATIONS						
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS			

				LANDOWNER/THIRD PARTY REPORTED COMPLAINTS				
ATE OF OBSERVATION		NE	AREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS			
			ENVIRO	DIMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS				
TE OF OBSERVATION			OBSERVATIONS	CONCLUSION AND REC	OMMENDATIONS			
10/6/2022	The Environmental Auditor conducte	d site evaluations at th	e following locations: MVP-MN-278.01, MVP-LY-PY-006, and MVP-MN-276.03.	The Environmental Auditor observed locations where the ESC and spill prevention/good housekeeping measures appeared to	be installed and functional at the time of the evaluation.			
10/12/2022	The Environmental Auditor conducte	d site evaluations at M	VP-RO-281 (CIS/GAS) and MVP-RO-282 (CIS/GAS).	The Environmental Auditor observed locations where the ESC appeared to be installed and functional at the time of the evalual observations and recommendations related to monitoring erosion control measures and soil stockpile repair.	tion. The Environmental Auditor communicated with the Spread H LEI. Chief EI, and MVP Environmental staff regarding			
10/3/2022 through 10/16/2022	Spread H Project. The Environmental Auditor commun third party impacts. The Environmental Auditor commun Auditor discussed continued monitor	icated with the Spread icated with all Spread L ing areas where ESC m	VP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the H LEI regarding consistent documentation between the SWPPP VSIRs and daily MVP Punchlists related Els on 10/13/2022 regarding the Bi-Weekly reporting period ending on 10/16/2022. The Environmenta easures (includes stabilization) will need to be maintained. The Environmental Auditor also reminded to	Management Act Linear Entity. The Environmental Auditor communicated with the Spread HTEL and Chief El regarding third party related impacts reporting procedures.				
	LEIs to continue to evaluating correc	tive action items versus	applicable timeframes for completion.	REQUIRED FINDINGS AND CONCLUSIONS				
		Yes/No		If No, provide explanation and recommendation for corrective action (if any).				
cordance with MVP's	ices for the Project are in Annual Standards and Is Site Specific ESC and SWM	Yes						
	and sediment control measures spected, and maintained?	Yes						
asures are repaired a	y Erosion and Sediment Control nd ESC Measures in Need of e maintained within the	Yes						

ENVIRONMENTAL PARTIAL BI-WEEKLY REPORT - 10/17/2022 through 10/30/2022

ENVIRONMENTAL AUDITOR CONTACT INFORMATION Joe Crea CPESC, CPSWQ Tetra Tech 661 Andersen Drive, Suite 200, Pittsburgh PA 15220

Report Period Ending: 10/30/2022

Report Prepared By: Joe Crea

SUMMARY OF FINDINGS Total Number of SWPPP Inspections: 29 conducted from 10/17/2022 through 10/30/2022 (includes PY-006)

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 10/17/2022 through 10/30/2022 (includes Carry Over Items from 10/16/2022): 30

Total Number of ODCP Inspections at Laydown Yard PY-006: 5 (10/17/2022 through 10/21/2022); 5 (10/24/2022 through 10/28/2022)

Total Number of VA DEQ Observations from 10/17/2022 through 10/30/2022 (includes Carry Over Items from 10/16/2022): 1

Total Number of Landowner/Third Party Reported Complaints: 0

Total Number of Right of Way Impa Total Number of Off Right of Way I Total Number of Environmental Re	pacts Caused by Weather Related D			abric). O												
Total Number of Off Right of Way I Total Number of Environmental Re	•	amage (damaged ESC	measures from fallen de	otal Number of Right of Way Impacts Caused by Third Parties: 3 (wildlife traffic and unauthorized traffic) otal Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris): 0												
Total Number of Environmental Re	Impacts: 0															
	tal Number of Environmental Resource Impacts: 0															
Total Number of ESC Measures in N	al Number of Environmental Resource Impacts: 0 al 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 Audit	sed 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 10/17/2022 through 10/30/2022. CARRY OVER ITEMS FROM 10/16/2022															
			1		RIGHT OF WAY			ARRI OVER TIEWS FROM 10/10/2022								
DATE OF OBSERVATION PI	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED DATE COMPL 24-HOURS THREE DA	SUMMARY OF ORSERVATIONS						
	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	2021 1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 5/12, 5/19, 6/2, 6/9, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, and 12/16/2021. 2022 1/17, 2/17, 3/17, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, and 10/14/2022 to be completed on 11/17/2022		Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.						
3/16/2022		1 (VADEQ)					1	1 VADEQ reminder on 3/16, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, and 10/14/2022 to be completed on 11/16/2022 (This item is an extension of a 3/13/2022 Daily Punchlist Item where the VADEQ has established a reminder to extend waterbars across the entire right of way when grubbing is completed within the currently stabilized area below the waterbars)		This item is a reminder established by the VADEQ to extend waterbars across the entire right of way once grubbing activities occur within the existing stabilized area below the waterbars. This reminder will serve as an ongoing punchlist item to be extended on a monthly basis by the VADEQ until active earthmoving activities resume and the waterbars are extended across the entire length of the right of way to discharge off the right of way.						
							ENVI	RONMENTAL INSPECTOR OBSERVATIONS								
DATE OF OBSERVATION PR	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 DATE COMPL 24-HOURS THREE DA							
10/17/2022 *Ra	0.1"-0.4" - 10.25 Hours ainfall occurred late 10/16/2022	1					1		1 on 10/18/2	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.						
10/18/2022		1					1		1 on 10/19/2	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.						
10/19/2022		6				1	5		6 on 10/20/2	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 unauthorized traffic.						
10/20/2022		9				2	7		9 on 10/21/2	Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to wildlife traffic.						
10/24/2022		2					2		2 on 10/24/2	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.						
10/25/2022		1					1		1 on 10/25/2	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.						
10/26/2022	0.0"-0.1" - 1.5 Hours	7					7		5 on 10/27/2 2 on 10/28/2							
		2					2		2 on 10/28/2022	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.						
10/27/2022	VADEQ OBSERVATIONS															
10/2//2022																
	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 DATE COMPL 24-HOURS THREE DA							

				LAN	DOWNER/THIRD PARTY REPORTED COMPLAINTS				
DATE OF OBSERVATION		N	NEAREST ROAD OR FEATURE		TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS			
				ENVIRONMENTA	AL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS				
DATE OF OBSERVATION			OBSERVATIONS		CONCLUSION AND RECO	OMMENDATIONS			
10/18/2022	The Environmental Auditor conducte	d site evaluations at the	following locations: Bottom Creek Road (GAS), MVP-RO-286 (GAS), and MVP-RO-287 (Cl	S).	The Environmental Auditor observed locations where the ESC/good housekeeping measures appeared to be installed and and MVP Environmental staff regarding observations and recommendations related to ESC measures repair.	functional at the time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Chief EI,			
10/19/2022	The Environmental Auditor conducte	ed a site evaluation at M	VP-MN-268/268.01 (CIS/GAS).		The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional	at the time of the evaluation.			
10/24/2022	The Environmental Auditor conducte	d site evaluations at MV	P-MN-270.01 (CIS) and MVP-MN-273 (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 H LEI, Chief EI, and MVP Environmental staff regarding observations related to conducting a pipe joint repair.				
10/25/2022	The Environmental Auditor conducte	d site evaluations at Flar	nders Road (GAS) and Wades Gap Road (CIS).		The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional	at the time of the evaluation.			
10/28/2022	The Environmental Auditor conducte	d a site evaluation at M	VP-RO-281.02.		The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time	e of the evaluation.			
10/17/2022 through 10/30/2022	Project. The Environmental Auditor communi Auditor discussed continued monitor	icated with all Spread LE ring of approaches to en	P Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting periols on 10/27/2022 regarding the Bi-Weekly reporting period ending on 10/30/2022. The Evironmental resources and restabilizing as necessary. The Environmental Auditor remind timeframes for completion and noting the type of third party related damages.	nvironmental	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends findings and communication with the Lead Environmental Inspector, the Spread H Project appears to meet the MVP Annua Stormwater Management Act Linear Entity.				
					REQUIRED FINDINGS AND CONCLUSIONS				
		Yes/No			If No, provide explanation and recommendation for corrective action (if any).				
- '	management practices for the Project are in accordance I MVP's Annual Standards and Specifications and MVP's Site Yes								
	mporary erosion and sediment control measures are ly installed, inspected, and maintained? Yes								
Measures are repaired and	rosion and Sediment Control ESC Measures in Need of Routine ed within the required timeframes ?	Yes							

ENVIRONMENTAL PARTIAL BI-WEEKLY REPORT - 10/31/2022 through 11/13/2022

ENVIRONMENTAL AUDITOR CONTACT INFORMATION

Joe Crea CPESC, CPSWQ

Tetra Tech

661 Andersen Drive, Suite 200, Pittsburgh PA 15220

Report Period Ending: 11/13/2022

Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: **31** conducted from 10/31/2022 through 11/13/2022 (includes PY-006)

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 10/31/2022 through 11/13/2022 (includes Carry Over Items from 10/30/2022): **25**

Total Number of ODCP Inspections at Laydown Yard PY-006: 5 (10/31/2022 through 11/4/2022); 5 (11/7/2022 through 11/11/2022)

Total Number of VA DEQ Observations from 10/31/2022 through 11/13/2022 (includes Carry Over Items from 10/30/2022): 1

Total Number of Landowner/Third Party Reported Complaints: 0

Total Number of Right of Way Impacts Caused by Third Parties: 3 (wildlife traffic and landowner 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 10/31/2022 through 11/13/2022.

								CARRY OVER ITEMS FROM 10/30/2022			
	T		T	l .		l .		CARRY OVER TEMS FROM 20/30/2022	1	l	
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	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	2021 1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 5/12, 5/19, 6/2, 6/9, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, and 12/16/2021. 2022 1/17, 2/17, 3/17, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, and 10/14/2022 to be completed on 11/17/2022			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.
3/16/2022		1 (VADEQ)					1	1 VADEQ reminder on 3/16, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, and 10/14/2022 to be completed on 11/16/2022 (This item is an extension of a 3/13/2022 Daily Punchlist Item where the VADEQ has established a reminder to extend waterbars across the entire right of way when grubbing is completed within the currently stabilized area below the waterbars)			This item is a reminder established by the VADEQ to extend waterbars across the entire right of way once grubbing activities occur within the existing stabilized area below the waterbars. This reminder will serve as an ongoing punchlist item to be extended on a monthly basis by the VADEQ until active earthmoving activities resume and the waterbars are extended across the entire length of the right of way to discharge off the right of way.
							E	NVIRONMENTAL 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
10/31/2022		1				1			1 on 10/31/2022		One item was identified requiring ESC repair/maintenance and completed within the required timeframe. This item was caused by third party impacts related to landowner traffic.
11/1/2022	0.2"-0.5" - 11 Hours *Rainfall occurred on 10/31/2022	1				1			1 on 11/2/2022		One item was identified requiring ESC repair/maintenance and completed within the required timeframe. This item was caused by third party impacts related to wildlife traffic.
11/2/2022		5					5		1 on 11/2/2022	1 on 11/2/2022 3 on 11/3/2022	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/3/2022	0.0"-0.1" - 3 Hours	2					2			1 on 11/3/2022 1 on 11/4/2022	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/4/2022		2				1	1		1 on 11/4/2022	1 on 11/4/2022	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. Or of the identified items was caused by third party impacts related to landowner traffic.
11/7/2022	0.3"-1.5" - 30 Hours *Scattered Showers occurred from 11/5/2022 into 11/6/2022	7					7		1 on 11/7/2022 2 on 11/8/2022	4 on 11/8/2022	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/8/2022		5					5			5 on 11/9/2022	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/9/2022		1					1			1 on 11/9/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
								VADEQ OBSERVATIONS			
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS

				LAN	NDOWNER/THIRD PARTY REPORTED COMPLAINTS				
DATE OF OBSERVATION	ı		NEAREST ROAD OR FEATURE		TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS			
				510//00010451					
DATE OF OBSERVATION			OBSERVATIONS	ENVIRONMENT	AL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS CONCLUSION AND	RECOMMENDATIONS			
10/31/2022	The Environmental Auditor condi	ucted a site evaluation at				ime of the evaluation. The Environmental Auditor received communication from the Spread H LEI regarding off right of f the right of way. The Environmental Auditor conducted an evaluation and observed earth disturbance within and			
11/1/2022	The Environmental Auditor cond	ucted site evaluations at	the following locations: MVP-RO-282 (GAS), MVP-RO-286 (GAS), and MVP-RO-288 (GAS).		The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the tistaff regarding recommendations to monitor a cut slope and implement ESC measures as necessary.	ime of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Chief EI, and MVP Environmenta			
11/4/2022	The Environmental Auditor condi	ucted site evaluations at	MVP-MN-276.03 (GAS) and MVP-LY-049.		The Environmental Auditor observed locations where the ESC/SWM and Pollution Prevention/Good Housekeeping measwith the Spread H LEI, Chief EI and MVP Environmental staff regarding recommendations to monitor vegetative coverage Environmental staff regarding recommendations related to implementation and proper implementation of secondary co	ge on permanent waterbars. The Environmental Auditor communicated with the Spread H LEI, Chief EI, and MVP			
11/8/2022	The Environmental Auditor cond	ucted site evaluations at	the following locations: MVP-AR-028 (GAS), MVP-MN-279 (CIS/GAS), and MVP-MLV-AR-27 (CIS/GAS)	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 H LEI, Chief EI, and MVP Environmental Staff regarding observations related to sediment control repair/maintenance and recommendations to monitor straw mulch cover for degradation.				
11/10/2022	The Environmental Auditor cond	ucted site evaluations at	the following locations: MVP-RO-287 (CIS/GAS), MVP-FR-291 (GAS), and MVP-FR-292 (CIS/GAS)	AS).	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the tistaff regarding the right of way stabilized and the ESC measures installed and functional at MVP-FR-292.	ime of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Chief EI, and MVP Environmenta			
10/31/2022 through 11/13/2022	Project. The Environmental Auditor comm	nunicated with all Spread	MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period of LEIs on 11/8/2022 regarding the Bi-Weekly reporting period ending on 11/13/2022. The Encommended the installing enhanced ESC measures as necessary near environmental resource.	nvironmental	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring and installing enhanced ESC measures as needed. Based on the SWPPP, MVP Punch findings and communication with the Lead Environmental Inspector, the Spread H Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the				
	,				REQUIRED FINDINGS AND CONCLUSIONS				
		Yes/No			If No, provide explanation and recommendation for corrective action (if any).				
accordance with MVP's A	lanagement practices for the Project are in ance with MVP's Annual Standards and cations and MVP's Site Specific ESC and SWM Plans?								
• •	nporary erosion and sediment control measures are yes y installed, inspected, and maintained?								
Measures are repaired an	neffective Temporary Erosion and Sediment Control surveys are repaired and ESC Measures in Need of time Maintenance are maintained within the required eframes?								

MOUNTAIN VALLEY PIPELINE

SPREAD

ENVIRONMENTAL PARTIAL BI-WEEKLY REPORT - 11/14/2022 through 11/27/2022

ENVIRONMENTAL AUDITOR CONTACT INFORMATION Joe Crea CPESC, CPSWQ Tetra Tech 661 Andersen Drive, Suite 200, Pittsburgh PA 15220

Report Period Ending: 11/27/2022

Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 27 conducted from 11/14/2022 through 11/27/2022 (includes PY-006): Holiday on 11/24/2022

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 11/14/2022 through 11/27/2022 (includes Carry Over Items from 11/13/2022):9

Total Number of ODCP Inspections at Laydown Yard PY-006: 5 (11/14/2022 through 11/18/2022) Due to Contractor inactivity and no fluid transfers, no ODCP Inspection reports were submitted from 11/21/2022 through 11/25/2022

Total Number of VA DEQ Observations from 11/14/2022 through 11/27/2022 (includes Carry Over Items from 11/13/2022):2

Total Number of Landowner/Third Party Reported Complaints: 0

Total Number of Right of Way Impacts Caused by Third Parties: 1 (landowner traffic)

Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris):0

	Tal Number of Night of Way Impacts: Caused by Weather Related Damage (damaged ESC measures from Talien debris): U												
	, ,												
	tal Number of ECC Managers in Nood of Position Maintenance Not												
	tal 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 Environmenta	ased 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 11/14/2022 through 11/27/2022 CARRY OVER ITEMS FROM 11/13/2022												
	RIGHT OF WAY												
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	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	2021 1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 5/12, 5/19, 6/2, 6/9, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, and 12/16/2021. 2022 1/17, 2/17, 3/17, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, and 11/15/2022 to be completed on 12/17/2022			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.		
3/16/2022		1 (VADEQ)					1	1 VADEQ reminder on 3/16, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, and 11/15/2022 to be completed on 12/16/2022 (This item is an extension of a 3/13/2022 Daily Punchlist Item where the VADEQ has established a reminder to extend waterbars across the entire right of way when grubbing is completed within the currently stabilized area below the waterbars)			This item is a reminder established by the VADEQ to extend waterbars across the entire right of way once grubbing activities occur within the existing stabilized area below the waterbars. This reminder will serve as an ongoing punchlist item to be extended on a monthly basis by the VADEQ until active earthmoving activities resume and the waterbars are extended across the entire length of the right of way to discharge off the right of way.		
								ENVIRONMENTAL INSPECTOR OBSERVATIONS					
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS		
11/15/2022		1					1			1 on 11/16/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.		
11/16/2022	0.7"-1.3" - 12.75 Hours *Rainfall occurred on 11/15/2022	5					5			1 on 11/16/2022 4 on 11/17/2022	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.		
11/17/2022		2				1	1				Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to landowner traffic.		
								VADEQ OBSERVATIONS					
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS		
11/16/2022	0.7"-1.3" - 12.75 Hours *Rainfall occurred on 11/15/2022	1					1		1 on 11/16/2022		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.		

				LANDOWNER/THIRD PARTY REPORTED COMPLAINTS					
DATE OF OBSERVATION		NEA	REST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS				
			ENVIROR	NMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS					
DATE OF OBSERVATION			OBSERVATIONS	CONCLUSION A	IND RECOMMENDATIONS				
11/16/2022		cted site evaluations at the	e following locations: MVP-RO-282 (CIS/GAS), MVP-FR-292 (CIS/GAS), and MVP-FR-292.01/MLV-	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the tregarding observations related to ESC measures repair/maintenance and monitoring recommendations related to soil s	time of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Chief EI, and MVP Environmental staff tockpile stability and access road erosion.				
11/10/2022	AR29.01.				ect ESC measures have been damaged. It appears that no third party ESC measures were installed at the time of the evaluation The Environmental Auditor communicated the evaluation observations, concerns and recommendations to the Spread H LEI, Chie and provided documentation within the SWPPP VSIRs.				
11/18/2022	The Environmental Auditor condu	cted site evaluations at Ca	has Mountain Road #1 (CIS) and Webster Corner Road (CIS).	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the	time of the evaluation.				
11/14/2022 through	Spread H Project. The Environmental Auditor comm	unicated with all Spread LE	/P Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Els on 11/17/2022 regarding the Bi-Weekly reporting period ending on 11/27/2022. The	The Environmental Auditor concludes that SWPPP Inspections meet inspection timetrame requirements and recommends continued BMP monitoring and installing eight and communication with the Lead Environmental Inspector, the Spread H Project appears to meet the MVP Annual Standards and Specifications as required by the Vi					
		-	where concentrated flow occurs and installing soil stabilization blanket if erosion conditions occur. ion procedures related to identifying third party impacts within the SWPPP VSIRs and daily MVP	The Environmental Auditor communicated with the Spread H LEI, Chief EI, and MVP Environmental staff regarding recommendations to conduct QA/QC for consistency between SWPPP VSIRs and daily MVP Punchlists.					
				REQUIRED FINDINGS AND CONCLUSIONS					
		Yes/No		If No, provide explanation and recommendation for corrective action (if any).					
Best management practices accordance with MVP's Ann and MVP's Site Specific ESC	nual Standards and Specifications	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 imeframes ?		Yes							

ENVIRONMENTAL PARTIAL BI-WEEKLY REPORT - 11/28/2022 through 12/11/2022

ENVIRONMENTAL AUDITOR CONTACT INFORMATION
Joe Crea CPESC, CPSWQ
Tetra Tech
661 Andersen Drive, Suite 200, Pittsburgh PA 15220

Report Period Ending: 12/11/2022

Report Prepared By: Joe Crea

SUMMARY OF FINDINGS Total Number of SWPPP Inspections: 29 conducted from 11/28/2022 through 12/11/2022 (includes PY-006) Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 11/28/2022 through 12/11/2022 (includes Carry Over Items from 11/27/2022): 16 Total Number of ODCP Inspections at Laydown Yard PY-006: 5 (11/28/2022 through 12/2/2022); 5 (12/5/2022 through 12/9/2022) Total Number of VA DEQ Observations from 11/28/2022 through 12/11/2022 (includes Carry Over Items from 11/27/2022): 2 Total Number of Landowner/Third Party Reported Complaints: 0 Total Number of Right of Way Impacts Caused by Third Parties: 0 Total Number of 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 11/28/2022 through 12/11/2022. CARRY OVER ITEMS FROM 11/27/2022 RIGHT OF WAY RIGHT OF WAY PRECIPITATION AMOUNT AND **TOTAL NUMBER** ENVIRONMENTAL OFF RIGHT OF IMPACTS CAUSED BY MAINTENANCE/ DATE COMPLETED DATE COMPLETED DATE OF OBSERVATION IMPACTS CAUSED BY TOTAL NUMBER EXTENSION REQUEST(S) SUMMARY OF OBSERVATIONS DURATION **OBSERVATIONS** RESOURCE IMPACT WAY IMPACT WEATHER RELATED REPAIR 24-HOURS THREE DAYS THIRD PARTIES DAMAGE 1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 2.4"-4.0" - 22 Hours Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval 11/12/2020 *Remnants of Hurricane Eta 5/12, 5/19, 6/2, 6/9, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, and 12/16/2021. 1 has been granted. continuing from 11/11/2020 2022 1/17, 2/17, 3/17, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, and 11/15/2022 to be completed on 12/17/2022 1 VADEQ reminder on 3/16, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, and 11/15/2022 This item is a reminder established by the VADEQ to extend waterbars across the entire right of way once grubbing activities to be completed on 12/16/2022 occur within the existing stabilized area below the waterbars. This reminder will serve as an ongoing punchlist item to be 3/16/2022 This item is an extension of a 3/13/2022 Daily Punchlist Item where the VADEQ (VADEQ) xtended on a monthly basis by the VADEQ until active earthmoving activities resume and the waterbars are extended across has established a reminder to extend waterbars across the entire right of way the entire length of the right of way to discharge off the right of way. when grubbing is completed within the currently stabilized area below the waterbars) ENVIRONMENTAL INSPECTOR OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE 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
11/28/2022	0.1"-0.1" - 2 Hours *Light showers occurred early on 11/28/2022	3				3			3 on 11/28/2022	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/30/2022	0.4"-0.6" - 3.5 Hours *Rainfall occurred early on 11/30/2022	1				1			1 on 12/1/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
12/1/2022		1				1			1 on 12/2/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
12/5/022	0.2"-0.5" - 10 Hours *Rainfall occurred on 12/3/2022	4				4			1 on 12/5/2022 3 on 12/6/2022	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/7/2022	0.4"-1.0" - 25 Hours *Rainfall began on 12/6/2022 into early 12/7/2022	3				3			3 on 12/8/2022	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
12/8/2022	0.0"-0.2" - 5.25 Hours *Light rain occurred on 12/7/2022	3				3			3 on 12/8/2022	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
							VADEO ORCEDVATIONS			

							VADEQ OBSERVATIONS			
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION		ENVIRONMENTAL RESOURCE IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	ΙΜΡΔΛΤς ΓΔΙΙζΕΌ ΒΥΙ	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/29/2022		1				1	One on 12/2/2022 to be completed on 12/5/2022 *Wet conditions on the right of way			One item was identified requiring ESC repair/maintenance and completed within the required timeframe. This item, which entails restabilization, received an extension request approval due to wet conditions on the right of way.

				LANDOWNER/THIRD PARTY REPORTED COMPLAINTS				
DATE OF OBSERVATION			NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS			
	•			NVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS				
DATE OF OBSERVATION			OBSERVATIONS		RECOMMENDATIONS			
11/28/2022	The Environmental Auditor cond	ucted site evaluations	s at the following locations: MVP-RO-280 (GAS), MVP-RO-281, and MVP-FR-292 (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 continued to monitor the off right of way third party earth disturbance activities at MVP-FR-292. It appears that one location had ESC measures (perimeter sediment control and rock construction entrance) installed at the time of the evaluation. Based on the evaluation, potential impacts due to the third party earth disturbance could occur to S-D17, S-D14, S-D13, S-HH3, and S-HH5. The Environmental Auditor communicated observations and concerns to the Spread H LEI, Chief EI, and MVP Environmental staff. The Spread H Environmental inspection staff communicated this issue to the VADEQ and provided documentation within the SWPPP VSIRs. The Environmental Auditor recommended continued monitoring and providing documentation (includes photos) within subsequent SWPPP VSIRs.				
12/5/2022	The Environmental Auditor cond	ucted a site evaluatio	in at MVP-LY-049.	The Environmental Auditor observed locations where the ESC, spill prevention/containment and good housekeeping measures.	res appeared to be installed and functional at the time of the evaluation.			
12/6/2022	The Environmental Auditor cond	ucted site evaluations	s at the following locations: MVP-FR-292, Flanders Road (CIS), and Webster Corner Road (GAS).	The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at				
				The Environmental Auditor continued to monitor the off right of way third party earth disturbance activities at MVP-FR-292. The water clarity within S-HH3, S-HH2 and S-D11 appeared clear at the time of the evaluation.				
12/7/2022	The Environmental Auditor cond	ucted site evaluations	s at the following locations: MVP-MN-270 (CIS/GAS), MVP-MN-270.01 (CIS/GAS), and MVP-MN-276.03	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 H LEI, Chief EI, and MVP Environmental staff regarding observations related to repairing a sediment control damage by a tree.				
11/28/2022 through 12/11/2022	Spread H Project. The Environmental Auditor commental Environmental Auditor communication occurs due to concentration.	nunicated with all Spr icated the following re ted flow conditions, in	read LEIs on 12/8/2022 regarding the Bi-Weekly reports to be compliant during this reporting period for the commendations: installing soil stabilization blanket in areas where straw mulch has become dislodge mmediately stabilizing areas disturbed during ESC measures repair/maintenance and vegetative are thorough and consistent reporting between the SWPPP VSIRs and daily MVP Punchlists.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends or communication with the Lead Environmental Inspector, the Spread H Project appears to meet the MVP Annual Standards an Linear Entity.	ontinued BMP monitoring and installing enhanced ESC measures as needed. Based on the SWPPP, MVP Punchlist findings and id Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act indicate the stormwater Management Mana			
				REQUIRED FINDINGS AND CONCLUSIONS				
		Yes/No		If No, provide explanation and recommendation for corrective action (if any).				
Best management practic accordance with MVP's A Specifications and MVP's Plans?	nnual Standards and	Yes						
The temporary erosion an are properly installed, ins	d sediment control measures pected, and maintained?	Yes						
Measures are repaired an	Erosion and Sediment Control d ESC Measures in Need of maintained within the required	Yes						

ENVIRONMENTAL PARTIAL BI-WEEKLY REPORT - 12/12/2022 through 12/25/2022

ENVIRONMENTAL AUDITOR CONTACT INFORMATION Joe Crea CPESC, CPSWQ Tetra Tech 661 Andersen Drive, Suite 200, Pittsburgh PA 15220

Report Period Ending: 12/25/2022 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 31 conducted from 12/12/2022 through 12/25/2022 (includes PY-006): Please note partial SWPPP Inspections were conducted on 12/15/2022 and 12/23/2022 due to adverse weather conditions (ice/snow) compromising safety. On 12/21/2022 a portion of the right of way at MVP-RO-288 could not be inspected due to an unknown third party locking an existing private gate system. These instances were documented within the respective SWPPP VSIRs.

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 12/12/2022 through 12/25/2022 (includes Carry Over Items from 12/11/2022): 15

Total Number of ODCP Inspections at Laydown Yard PY-006: 5 (12/12/2022 through 12/16/2022); 5 (12/19/2022 through 12/16/2022); 5 (12/19/2022 through 12/23/2022). The El observed a small diesel spill outside the bulk fuel tanks on 12/13/2022. The contractor was immediately notified, the area cleaned up and the affected stone was placed in a hazardous waste dumpster. No environmental resources were impacted.

Total Number of VA DEQ Observations from 12/12/2022 through 12/25/2022 (includes Carry Over Items from 12/11/2022): 1

Total Number of Landowner/Third Party Reported Complaints: 0

Total Number of Right of Way Impacts Caused by Third Parties: 0

Impacts Caused by Weather Related	d Damage (damaged	d ESC measures from fal	llen debris): 0								
Way Impacts: 0											
tal Resource Impacts: 0											
es in Need of Routine Maintenance N	lot Maintained With	nin Timeframes Require	d by MVP's Annu	ual Standards and Specifi	cations or as Otherwis	e Provided in the Cor	nsent Decree: 0				
Auditor's observations, the resource	es available and de	ployed in the field, inclu	uding environme	ental inspectors and the	construction contract	or, were sufficient to	regularly and consistently repair ineffective BMP measures in a timely manner	from 12/12/2022 thr	ough 12/25/2022.		
CARRY OVER ITEMS FROM 12/11/2022											
PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT			RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS	
2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	2021 1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 5/12, 5/19, 6/2, 6/9, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, and 12/16/2021. 2022 1/17, 2/17, 3/17, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, 11/15, and 12/15/2022 to be completed on 1/17/2023			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.	
	1 (VADEQ)					1	1 VADEQ reminder on 3/16, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, 11/15, and 12/15/2022 to be completed on 1/16/2023 (This item is an extension of a 3/13/2022 Daily Punchlist Item where the VADEQ has established a reminder to extend waterbars across the entire right of way when grubbing is completed within the currently stabilized area below the waterbars)			This item is a reminder established by the VADEQ to extend waterbars across the entire right of way once grubbing activities occur within the existing stabilized area below the waterbars. This reminder will serve as an ongoing punchlist item to be extended on a monthly basis by the VADEQ until active earthmoving activities resume and the waterbars are extended across the entire length of the right of way to discharge off the right of way.	
							ENVIRONMENTAL INSPECTOR OBSERVATIONS				
PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT			RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS	
0.0"-0.2" - 5.5 Hours *Scattered showers occurred on 12/9/2022 and 12/11/2022	3					3			2 on 12/12/2022 1 on 12/13/2022	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.	
	3					3			3 on 12/13/2022	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.	
	6					6			6 on 12/15/2022	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.	
	1					1			1 on 12/21/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.	
	1					1			1 on 12/21/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.	
							VADEQ OBSERVATIONS				
PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT		RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS	
	PRECIPITATION AMOUNT AND DURATION O.0"-0.2" - 5.5 Hours *Scattered showers occurred on 12/9/2022 and 12/11/2022 PRECIPITATION AMOUNT AND DURATION	Avay Impacts: 0 al Resource Impacts: 0 s in Need of Routine Maintenance Not Maintained With Auditor's observations, the resources available and de PRECIPITATION AMOUNT AND DURATION 2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020 PRECIPITATION AMOUNT AND DURATION PRECIPITATION AMOUNT AND DURATION 0.0"-0.2" - 5.5 Hours *Scattered showers occurred on 12/9/2022 and 12/11/2022 3 6 1 1 PRECIPITATION AMOUNT AND 12/9/2022 and 12/11/2022 3 PRECIPITATION AMOUNT AND 12/9/2022 and 12/11/2022 3 PRECIPITATION AMOUNT AND 11/11/2022 3 PRECIPITATION AMOUNT AND 11/11/2022	Avay Impacts: 0 al Resource Impacts: 0 s in Need of Routine Maintenance Not Maintained Within Timeframes Require Auditor's observations, the resources available and deployed in the field, incl PRECIPITATION AMOUNT AND DURATION TOTAL NUMBER OBSERVATIONS *Remnants of Hurricane Eta continuing from 11/11/2020 1 (VADEQ) PRECIPITATION AMOUNT AND DURATION TOTAL NUMBER OBSERVATIONS *Remnants of Hurricane Eta continuing from 11/11/2020 1 (VADEQ) PRECIPITATION AMOUNT AND DURATION TOTAL NUMBER OBSERVATIONS ENVIRONMENTAL RESOURCE IMPACT 3 12/9/2022 and 12/11/2022 3 6 1 1 1 PRECIPITATION AMOUNT AND 10 11 11 PRECIPITATION AMOUNT AND TOTAL NUMBER ENVIRONMENTAL RESOURCE IMPACT TOTAL NUMBER ENVIRONMENTAL RESOURCE IMPACT TOTAL NUMBER ENVIRONMENTAL	al Resource Impacts: 0 s in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Auditor's observations, the resources available and deployed in the field, including environmental Auditor's observations, the resources available and deployed in the field, including environmental PRECIPITATION AMOUNT AND DURATION 1	Nay Impacts: 0 al Resource Impacts: 0 s in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specific Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the PRECIPITATION AMOUNT AND DURATION TOTAL NUMBER OBSERVATIONS ENVIRONMENTAL OFF RIGHT OF WAY IMPACT SCAUSED BY WEATHER RELATED DAMAGE 1 (VADEQ) PRECIPITATION AMOUNT AND DURATION TOTAL NUMBER CONTINUED TO TOTAL NUM	All Resource Impacts: 0 all Resource Impacts: 0 all Resource Impacts: 0 s in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwis Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contract PRECIPITATION AMOUNT AND DURATION TOTAL NUMBER OBSERVATIONS RESOURCE IMPACT (VADEQ) PRECIPITATION AMOUNT AND DURATION TOTAL NUMBER CONTROLLED BY WAY IMPACT SCAUSED BY WEATHER RELATED DAMAGE PRECIPITATION AMOUNT AND DURATION TOTAL NUMBER CONTROLLED BY WAY IMPACT SCAUSED BY WAY IMPACTS CAUSED BY THIRD PARTIES O.0"-0.2"-5.5 Hours "Scattered showers occurred on 12/9/2022 and 12/11/2022 3 6 1 1 PRECIPITATION AMOUNT AND DIVINION OBSERVATIONS PRECIPITATION AMOUNT AND DIVINION OBSERVATIONS RESOURCE IMPACT OFF RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES PRECIPITATION AMOUNT AND DIVINION OBSERVATIONS OFF RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES PRECIPITATION AMOUNT AND DIVINION OBSERVATIONS OFF RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES PRECIPITATION AMOUNT AND DIVINION OBSERVATIONS OBSERVATIONS RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES PRECIPITATION AMOUNT AND DIVINION OBSERVATIONS OBSERVATIONS RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES PRECIPITATION AMOUNT AND DIVINION OBSERVATIONS OBSERVATIONS OFF RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES PRECIPITATION AMOUNT AND DIVINION OBSERVATIONS OFF RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES PRECIPITATION OF THE PROPERTY OF THE PARTIES OF T	All RESOURCE IMPACTS: 0 In Record From 11/11/2020 In Resource Impacts: 0 In Record From 11/11/2020 In Resource Impacts: 0 In Impacts: 0 Assert In Resource savailable and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to the construction contractor, were sufficient to the field, including environmental inspectors and the construction contractor, were sufficient to the field, including environmental inspectors and the construction contractor, were sufficient to the field, including environmental inspectors and the construction contractor, were sufficient to the field, including environmental inspectors and the construction contractor, were sufficient to the field, including environmental inspectors and the construction contractor, were sufficient to the field, including environmental inspectors and the construction contractor, were sufficient to the field, including environmental inspectors and the construction contractor, were sufficient to the field, including environmental inspectors and the construction contractor, were sufficient to the field, including environmental inspectors and the construction contractor, were sufficient to the construction contractor. In Calmana and the contractor of the contractor of the contractor of the contract	In Record Compacts 0 all Record Compacts (Displayers) preceptation Amount and Duran On Maintained Within Timeframes Required by MVPs Annual Standards and Specifications or as Otherwise Provided in the Consent Durane (Displayers) preceptation Amount and Duran On Servations TOTAL NUMBER ENVIRONMENTAL RESOURCE MPACT AND AMPACTS CAUSED BY MAINTENANCE/ REPAIR RESOURCE MPACT (DISPLAYERS) PRECEPTATION AMOUNT AND DURANON TOTAL NUMBER EXTENSION REQUEST(S) PRECEPTATION AMOUNT AND DURANON TOTAL NUMBER EXTENSION REQUEST(S) REGIT OF WAY MARKET CAUSED BY MAINTENANCE/ TOTAL NUMBER EXTENSION REQUEST(S) REGIT OF WAY MARKET CAUSED BY MAINTENANCE/ THIS DAMAGE TO 11/12 11/18 11/125 11/18 11/125 11/19 1	The property of the property o	We intensite Discource (Post Numbers 19 10 10 10 10 10 10 10	

					LANDOWNER/THIRD PARTY REPORTED COMPLAINTS				
DATE OF OBSERVATION		N	EAREST ROAD OR FEATURE		TOTAL NUMBER OBSERVATIONS SUMMARY OF OBSERVATIONS				
				ENVIRONM	MENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS				
DATE OF OBSERVATION			OBSERVATIONS		CONCLUSION AND	RECOMMENDATIONS			
12/12/2022	The Environmental Auditor conduct RO-288 (GAS).	ed site evaluations at	the following locations: Bottom Creek Road (GAS), MVP-RO-286 (GAS), MVP-RO-287 (The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time regarding observations related to ESC measures repair/maintenance.	e of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Chief EI, and MVP Environmental staff			
12/14/2022	The Environmental Auditor conduct	ed a site evaluation at	Wades Gap Road (GAS).		The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time regarding monitoring recommendations at stream crossing locations.	e of the evaluation. The Environmental Auditor communicated with the Spread H LEI, Chief EI, and MVP Environmental staf			
12/20/2022	The Environmental Auditor conduct 292 (CIS/GAS).	ed site evaluations at	the following locations: MVP-FR-289 (CIS/GAS), MVP-FR-290 (GAS), MVP-FR-291 (CIS/		The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional Environmental staff regarding monitoring recommendations related to minor erosion on the right of way due to third party regarding observations related to potential impacts to the right of way and S-D14 at MVP-FR-292 due to off right of way th	y landowner traffic. The Environmental Auditor communicated with the Spread H LEI, Chief El, and MVP Environmental staf			
12/12/2022 through 12/25/2022	Spread H Project. On 12/14/2022, the Spread H LEI codamage to the project sediment coordinate the Environmental Auditor communical Environmental Auditor communical	entacted the Environm introls. This issue was a nicated with all Spread ted the following record flow conditions and re	on the Annual Standards and Specifications regarding prioritizing 24 Hour and Specifications regarding standards and Specifications regarding prioritizing 24 Hour and Specifications regarding the Bi-Weekly reporting period ending on 12/25/2022 nmendations: installing soil stabilization blanket in areas where straw mulch has become ferring to the Annual Standards and Specifications regarding prioritizing 24 Hour and	/P-LY-049 and 2. The come dislodged and	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring and installing enhanced ESC measures as needed. Based on the SWPPP, MVP Punchlist find and communication with the Lead Environmental Inspector, the Spread H Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity. The Environmental Auditor communicated with the Spread H LEL Chief EL and MVP Environmental staff regarding recommendations to conduct OA/OC for consistency between SWPPP VSIRs and daily MVP Punchlists.				
					REQUIRED FINDINGS AND CONCLUSIONS				
		Yes/No			If No, provide explanation and recommendation for corrective action (if any).				
est management practices for the Project are in accordance ith MVP's Annual Standards and Specifications and MVP's ite Specific ESC and SWM Plans?		Yes							
The temporary erosion and properly installed, inspected	sediment control measures are d, 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							

ENVIRONMENTAL PARTIAL BI-WEEKLY REPORT - 12/26/2022 through 12/31/2022 (END OF Q4 2022 REPORTING PERIOD)

ENVIRONMENTAL AUDITOR CONTACT INFORMATION
Joe Crea CPESC, CPSWQ
Tetra Tech
661 Andersen Drive, Suite 200, Pittsburgh PA 15220

Report Period Ending: 12/31/2022

Report Prepared By: Joe Crea

DATE OF OBSERVATION PRECIPITATION AMOUNT AND DURATION SERVATIONS PRECIPITATION AMOUNT AND DURATION OF RIGHT OF WAY WAY IMPACT SAUSED BY MACTS CAUSED BY MACTS	Total Number of SWPPP In	PP Inspections: 14 conducted from 12/26/2022 through 12/	2/31/2022 (includes PY-006)									
Part	Total Number of Environm	onmental Inspector (EI) Erosion and Sediment Control (ESC	C) Observations from 12/26/2022 through 12/31/	31/2022 (includes Carry Over Items from 12/25/20	022):9							
Part	Total Number of ODCP Ins	P Inspections at Laydown Yard PY-006: 5 (12/26/2022 through	ugh 12/30/2022)									
Part	Total Number of VA DEQ Observations from 12/26/2022 through 12/31/2022 (includes Carry Over Items from 12/25/2022):1											
Property												
Part												
Control Cont			naged ESC massures from fallon debrish 0									
Part			naged ESC measures nom failen debris). 0									
The control for the following file of the fo												
Have the foreward two foreward to the foreward two foreward two forewards to the foreward two forewards to the foreward to the		·										
Part				· · · · · · · · · · · · · · · · · · ·								
## PROPRIATION MODIFICATION MOD	3ased on the Environment	mental Auditor's observations, the resources available and	id deployed in the field, including environmental	ntal inspectors and the construction contractor, w	were sufficient to		om 12/26/2022 through 12/31	1/2022				
## PACH OF OSERVATION ## PACH OF OSERVATION OF OUT AND AMORET A 11/12/2002 PACH OF OSERVATION PACH OF OSERVATI				DIGUTOS WAY		CARRY OVER HEMIS PROM 12/25/2022		ı ı				
24-4-0-22 Hours Figure 1/1/1/2000 Parking for Figure 1/1/2000 Parking for Figure 1/1/2	DATE OF OBSERVATION	ION	R ENVIRONMENTAL OFF RIGHT OF IMI	IMPACTS CAUSED BY WEATHER RELATED WEATHER RELATED WEATHER PARTIES WEATHER PARTIES		TOTAL NUMBER EXTENSION REQUEST(S)			SUMMARY OF OBSERVATIONS			
sylidious of the control of the cont	11/12/2020	*Remnants of Hurricane Eta 1			1	1 on 11/12, 11/18, 11/25, 12/9/, 12/17, 12/23, 12/30/2020, 1/6/, 1/13, 1/20, 1/27, 2/3/, 2/10, 2/17, 2/24, 3/10, 3/17, 3/23, 3/31, 4/7, 4/13, 4/21, 4/28, 5/5, 5/12, 5/19, 6/2, 6/9, 6/16, 7/15, 8/16, 9/16, 10/16, 11/16, and 12/16/2021. 2022 1/17, 2/17, 3/17, 4/15, 5/16, 6/15, 7/15, 8/15, 9/16, 10/14, 11/15, and			Engineering design being prepared for slide impact area and awaiting landowner permission. A long term extension approval has been granted.			
DATE OF OBSERVATION DURATION AMOUNT AND DURATION OF SERVATIONS OBSERVATIONS OBSERVATIONS OF SERVATIONS OBSERVATIONS OBSERVATIONS OF SERVATIONS OBSERVATIONS OF SERVATIONS OBSERVATIONS OBSE	3/16/2022	1 (VADEQ)			1	and 12/15/2022 to be completed on 1/16/2023 (This item is an extension of a 3/13/2022 Daily Punchlist Item where the VADEQ has established a reminder to extend waterbars across the entire right of way when grubbing is completed within the currently stabilized area below the			This item is a reminder established by the VADEQ to extend waterbars across the entire right of way once grubbing activities occur within the existing stabilized area below the waterbars. This reminder will serve as an ongoing punchlist item to be extended on a monthly basis by the VADEQ until active earthmoving activities resume and the waterbars are extended across the entire length of the right of way to discharge off the right of way.			
PRECIPITATION AMOUNT AND DURATION OBSERVATION OBSERVAT						ENVIRONMENTAL INSPECTOR OBSERVATIONS						
DATE OF OBSERVATION DURATION D				RIGHT OF WAY								
DATE OF OBSERVATION DURATION OF COMPLETION AMOUNT AND DURATION OF COMPLETION OF COMPLE	DATE OF OBSERVATION	ION I		WEATHER RELATED RY THIRD PARTIES		TOTAL NUMBER EXTENSION REQUEST(S)			SUMMARY OF OBSERVATIONS			
DATE OF OBSERVATION PRECIPITATION AMOUNT AND DURATION OF SERVATIONS OF S	12/26/2022	8			8			8 on 12/27/2022	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.			
PRECIPITATION AMOUNT AND DURATION OBSERVATIONS TOTAL NUMBER OBSERVATION PRECIPITATION AMOUNT AND DURATION OBSERVATIONS ENVIRONMENTAL OF FRIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE NAME OF RESOURCE IMPACT OF WAY IMPACTS CAUSED BY THIRD PARTIES OF TOTAL NUMBER EXTENSION REQUEST(S) TOTAL NUMBER EXTENSION REQUEST(S) DATE COMPLETED DAYS DATE COMPLETED DAYS SUMMARY OF OBSERVATIONS						VADEQ OBSERVATIONS						
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS	DATE OF OBSERVATION		R ENVIRONMENTAL OFF RIGHT OF IMI	IMPACTS CAUSED BY WEATHER RELATED RY THIRD PARTIES		TOTAL NUMBER EXTENSION REQUEST(S)			SUMMARY OF OBSERVATIONS			
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS												
		<u> </u>				LANDOWNER/THIRD PARTY REPORTED COMPLAINTS						
DATE OF OBSERVATION NEAREST ROAD OR FEATURE TOTAL NUMBER OBSERVATIONS SUMMARY OF OBSERVATIONS	DATE OF OBSERVATION	ION	NEAREST ROAD OR FEATURE						SUMMARY OF OBSERVATIONS			
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS												
DATE OF OBSERVATION OBSERVATIONS CONCLUSION AND RECOMMENDATIONS												
The Environmental Auditor conducted site evaluations at the following locations: MVP-PY-006. MVP-MN-281/781.01 (GAS). MVP-MN-272 (CIS/GAS), and MVP-IY-049 due to third or the evaluation. The Environmental Auditor observed nerimeter sediment control measures damaged at MVP-IY-049 due to third or the evaluation.				VP-MN-281/281.01 (GAS), MVP-MN-272 (CIS/GAS	S), and MVP-LY-	The Environmental Auditor observed locations where the ESC measures appeared	to be installed and functional					
12/29/2022 049. activities. The Spread H Environmental staff communicated this to the VADEQ and provided documentation within the respective SWPPP VSIRs. No environmental resources were impacted.	12/29/2022	049.				**						
The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the 2/26/2022 through 12/231/2022 The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring and installing enhanced ESC measures as needed. Based on the SWPPP, MVP Punchlist findings and communicated with all Spread LEIs on 12/9/2022 regarding the Partial Bi-Weekly reporting period ending on 12/31/2022. The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring and installing enhanced ESC measures as needed. Based on the SWPPP, MVP Punchlist findings and communicated with all Spread LEIs on 12/9/2022 regarding the Partial Bi-Weekly reporting period for the Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring and installing enhanced ESC measures as needed. Based on the SWPPP, MVP Punchlist findings and communicated with all Spread LEIs on 12/9/2022 regarding the Partial Bi-Weekly reporting period ending on 12/31/2022.												
REQUIRED FINDINGS AND CONCLUSIONS		<u> </u>				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?	with MVP's Annual Standa	andards and Specifications and MVP's Yes										
The temporary erosion and sediment control measures are properly installed, inspected, and maintained? Yes	properly installed, inspect	pected, and maintained?										
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Yes Yes 7	Measures are repaired and	d and ESC Measures in Need of Routine										

SUMMARY OF FINDINGS