

Mountain Valley Pipeline Project Environmental Auditor Quarterly Reports for Q3 2024 October 15, 2024

James J. Golden DEQ Director of Regional Operations Piedmont Regional Director Virginia Department of Environmental Quality P.O. Box 1105 Richmond, VA 23218

Robert Pichardo Senior Environmental and Regulatory Counsel EQT Corporation 2200 Energy Drive Canonsburg, PA 15317

Dear Mr. Golden and Mr. Pichardo:

Please find the Q3 2024 Environmental Auditor Quarterly Reports including the required Bi-Weekly Reports per my review of the Mountain Valley Pipeline (MVP). These reports are provided in accordance with the Consent Decree between the Department of Environmental Quality (DEQ) and MVP. Separate reports are included for each Virginia construction spread (G, H, and I).

As you are aware, the Consent Decree requires that the Environmental Auditor prepare multiple reports. The Quarterly Report for Q3 2024 is due on or before October 15, 2024. Additionally, bi-weekly reports are to be prepared and attached to the quarterly reports.

Sincerely,

Joe Crea

Joe Crea, CPESC, CPSWQ Tetra Tech



Mountain Valley Pipeline Project – Spread G Environmental Auditor Quarterly Report for Q3 2024 October 15, 2024

Environmental Auditor Contact Information

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I. Introduction

The Spread G (Construction Spread 8 and a portion of Spread 9) portion of the Mountain Valley Pipeline Project H-600 (Project) within the state of Virginia begins at approximate station 10377+20 in Giles County and ends at approximate station 12005+00 in Montgomery County. The Spread G Project includes right of way for the pipeline, laydown yards, additional temporary workspaces (ATWS), and temporary/permanent access roads. Spread G is located in Giles, Craig, and Montgomery Counties with approximately 3.5 miles located within the Jefferson National Forest (JNF).

As required by the Virginia Erosion and Stormwater Management Act, 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 G Project to include a Lead Environmental Inspector (LEI) and a staff of Environmental Inspectors (Els). The LEI/Els 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 Best Management Practices (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. This reporting period covers July 1, 2024, through September 30, 2024 (Q3 reporting period).

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

- Giles, Craig, and Montgomery Counties
 - 10377+20-10458+89 Includes Jefferson National Forest
 - 10458+89-10479+81
 - 10479+81-10487+29 Includes Jefferson National Forest
 - 10487+29-11524+16
 - 11524+16-11600+01 Includes Sinking Creek Mountain (Jefferson National Forest)
 - 11600+01-11618+91
 - 11618+91-11669+87 Brush Mountain (Jefferson National Forest)
 - 11669+87-12005+00
 - Laydown Yards: LY-026, LY-028, and LY-029

*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:

10377+20 to 12005+00 (includes permanent access roads)

*It should be noted that from 9/24/2024 through 9/27/2024, severe rainfall events leading up to and including remnants from Hurricane Helene caused severe erosion and sloughing impacts throughout approximately 33,454 feet of the right of way within Giles and Montgomery Counties. As a result of the impacts, additional contractor staff including heavy equipment will be mobilized to conduct permanent repairs/enhancements. Repair and restabilization activities will entail the use of previously restored access roads and reinstalling temporary bridges across environmental resources to access the impacted areas. These activities will be summarized in the Q4 2024 report.

II. Information Reviewed to Prepare Quarterly Report

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

- Daily MVP Punch Lists (includes VADEQ findings);
- Environmental Auditor Bi-Weekly Reports;
- Frequent Communication with the MVP Environmental staff, Chief EI, LEI, and Environmental Coordinator (EC);
- Stormwater Pollution Prevention Plan VSIRs;
- Spread G Rain Gauge Data;
- Spread G Scatter Sheets (Contractor Available Resources and Daily Work Locations);
- Annual Project Specific Standards and Specifications (AS&S);
- Oil Discharge Contingency Plan (ODCP) Inspection reports;
- Stormwater Pollution Prevention Plans, Erosion and Sediment Control Plans, and Post Construction Stormwater Management Plans;
- MVP 48-Hour Aquatic Resource Notifications;
- VA Off Right of Way Sediment Impact Tracker Spreadsheet;
- Notice of Force Majeure Declaration submitted to the VADEQ on 7/15/2024, 7/28/2024, 8/2/2024, 8/19/2024, 9/9/2024, 9/29/2024 (Courtesy Notice of Force Majeure Declaration), and 9/30/2024;
- Agency Compliance Forms Problem Areas Reports (PARs) and Noncompliance Reports (NCRs); and
- Landowner/Third party complaints received by the VADEQ on 5/30/2024 (reported in Q2 2024), 7/7/2024, 8/6/2024, and 8/7/2024 (Source: VADEQ website)

The Environmental Auditor also relied on assistance and information from the MVP Environmental staff, MVP Chief Environmental Inspector, Spread G 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 G-1A, the Els observed a total of 1,033 daily MVP punchlist items (includes Carry Over items) requiring repair/maintenance throughout the Q3 reporting period. The Environmental Auditor noted 7 items identified by the Els as ESC measures damaged due to impacts caused by third party activities related to livestock traffic, landowner traffic, and agricultural mowing activities. The ESC measures were subsequently repaired/maintained within the required timeframes and no environmental resources were impacted due to the third-party impacts. The ESC measures were subsequently repaired/maintained within the required term impacted due to the third-party impacts.

During the Q3 reporting period the Spread G Environmental inspection staff observed 152 off right of way impacts within upland locations and 26 environmental resource impacts: three separate impacts at S-A32 (Kow Camp Road #1), S-HH18 (MVP-GI-234/JNF), four separate impacts at S-MN21 (FR-188/Mt. Tabor Road), two separate impacts at S-EF65 (Mt. Tabor Road), S-IJ52 (Mt. Tabor Road), S-IJ19/S-IJ19 (MVP-GI-244), two separate impacts S-IJ16b (MVP-GI-244), two separate impacts at S-P6 (Gravely Hill Road/MVP-GI-237), S-MM18 (Highway 42), three separate impacts at S-NN12 (Seven Oaks Road/MVP-GI-253.02), S-NN11 (Old Furnace Road/MVP-GI-256, S-Q14 (MVP-GI-234), S-MM17/W-MM10 (Seven Oaks Road/MVP-GI-253.02, S-YZ1 (MVP-GI-241.03), S-G32 (Buffalo Anklets Road/MVP-GI-241.04), and S-RR5 (MVP-GI-244).

On 7/1/2024, the EIs observed two off right of way sediment impacts up to 15 feet within upland areas at the MVP-GI-249 access road and east of Kow Camp Road #1. As reported in the Q2 2024 report, on 6/29/2024, storm events with intervals of high intensity/short duration rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment/gravel removed, and the areas stabilized within the required timeframe. No environmental resources were impacted. The EIs submitted Agency Compliance Forms (Problem Area Reports # 951 and # 952) on 7/1/2024. **Refer to Section VI. for further discussion**.

On 7/6/2024, the EIs observed 17 off right of way sediment impacts up to 500 feet within upland areas throughout Giles and Montgomery Counties. On 7/5/2024, strong thunderstorms with high intensity/short duration rainfall caused ESC and SWM measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC and SWM measures repaired/enhanced, sediment removed, and the areas stabilized within the required timeframes via extension request approvals. No environmental resources were impacted from 15 of the off right of way impacts; however, two environmental resources were subsequently impacted (S-A32 west of Kow Camp Road #1 and S-EF65 west of Mt. Tabor Road) from two of the off right of way impacts. The LEI and EIs submitted Agency Compliance Forms (PARs #957, #961, #963, #964, and #965) on 7/6/2024 and (PAR #970) on 7/7/2024. **Refer to Section VI. for further discussion**.

On 7/6/2024, the EIs observed 6 environmental resource impacts at S-A32 west of Kow Camp Road #1, S-HH18 east of Craig Creek Road within the JNF, S-MN21 west of Mt. Tabor Road, S-EF65 (two separate locations) west of Mt. Tabor Road, and S-IJ52 west of Mt. Tabor Road. It should be noted that approximately 1,000 feet of the stream was impacted at one of the S-EF65 locations. On 7/5/2024, strong thunderstorms with high intensity/short duration rainfall caused ESC and SWM measures to become overwhelmed. The VADEQ and United States Forest Service (USFS) were immediately notified, landowner access granted, ESC measures replaced and enhanced, and sediment removed from the streams within the required timeframe. On 7/6/2024, the LEI and EIs submitted Agency Compliance Forms (PARs #959, #960, #962, and #968). The EI submitted an Agency Compliance Form (NCR #958) due to the contractor not installing ESC measures on a portion of the travel lane above S-IJ52 prior to the storm events. A Notice of Force Majeure Declaration for S-A32 (100 feet), S-HH18, S-MN21, and S-EF65 was submitted to the VADEQ on 7/15/2024. **Refer to Sections VI. and VII. for further discussion**.

On 7/8/2024, the Environmental Auditor observed one off right of way sediment impact approximately 30 feet within an upland areas west of Mt. Tabor Road. On late 7/5/2024, strong thunderstorms with high intensity/short duration rainfall caused ESC measures to become overwhelmed. The Environmental

Auditor met with the onsite El to review the observation, and it was added as a corrective action to the daily MVP Punchlist. The VADEQ was immediately notified, landowner access granted, ESC and SWM measures repaired/enhanced, sediment removed, and the areas stabilized within the required timeframe. No environmental resources were impacted. **Refer to Section VI. for further discussion**.

On 7/12/2024, the EI observed the contractor crew filling in a sump pit with no perimeter sediment controls installed causing an off right of way sediment impact within an upland area west of MVP-GI-234 within the JNF. The USFS was immediately notified and the ESC measures replaced. On 7/12/2024, the EI observed the contractor crew filling in a sump pit with no perimeter sediment controls installed causing an off right of way sediment impact within an upland area west of MVP-GI-234 within the JNF. The USFS was immediately notified and the ESC measures replaced. Due to the minimal amount of sediment, removal was not warranted or practicable. The LEI submitted an Agency Compliance Form (NCR #976) on 7/12/2024. It should be noted that this item was not reported in the daily MVP Punchlist. **Refer to Section VII. for further discussion**.

On 7/18/2024, the EIs observed 6 off right of way sediment impacts up to 75 feet within upland areas west of Steele Acres Road/MVP-GI-258.01. From 7/17/2024 into early 7/18/2024, strong storm events with intervals of high intensity/short duration rainfall caused ESC measures to become overwhelmed due to improperly installed temporary waterbars. The VADEQ was immediately notified, landowner access granted, ESC measures properly installed/repaired, sediment removed, and the areas stabilized within the required timeframe. No environmental resources were impacted. An Agency Compliance Form (NCR #977) was submitted by the LEI on 7/18/2024. **Refer to Sections VI. and Section VII. for further discussion**.

On 7/21/2024, the EI observed two off right of way sediment impacts approximately 20 feet within upland areas west of Mt. Tabor Road. On 7/20/2024, a storm event with intervals of high intensity/short duration rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment removed, and the areas stabilized, within the required timeframe. No environmental resources were impacted. The LEI submitted an Agency Compliance Form (PAR # 985) on 7/21/2024. **Refer to Section VI. for further discussion**.

On 7/21/2024, the EI observed an environmental resource impact at S-MN21 west of Mt. Tabor Road. On 7/20/2024, a storm event with intervals of high intensity/short duration rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, ESC measures repaired/enhanced and sediment removed within the required timeframe. The LEI submitted an Agency Compliance Form (PAR # 983) on 7/21/2024. A Notice of Force Majeure Declaration was submitted to the VADEQ on 7/28/2024.

On 7/22/2024, the EI observed an off right of way sediment impact traveling approximately 200 linear feet parallel to the right of way up to 15 feet beyond the right of way within an upland area west of Cascade Drive. On 7/20/2024, storm events with intervals of high intensity/short duration rainfall coupled with existing saturated conditions caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures temporarily repaired/enhanced, sediment removed, and the area stabilized within the required timeframe. It should be noted that runoff from the permanent waterbar end treatments contributed to the impact. No environmental resources were impacted. The LEI submitted an Agency Compliance Form (PAR #986) on 7/22/2024. **Refer to Section VI. for further discussion**.

On 7/23/2024, the EIs observed 5 off right of way sediment impacts up to 50 feet within upland areas west of Steele Acres Road/MVP-GI-258.01 (4) and Collins Road (1). On 7/22/2024 and 7/23/2024, storm events with intervals of high intensity/short duration rainfall coupled with existing saturated conditions caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment removed, and the areas stabilized within the required timeframe. No environmental resources were impacted. The LEI submitted an Agency Compliance Form (PAR #997) on 7/23/2024. **Refer to Section VI. for further discussion**.

On 7/23/2024, the EIs observed two environmental resource impacts at the confluence of S-IJ19/S-IJ18 at MVP-GI-244 (access road) and S-MN21 west of Mt. Tabor Road. On 7/22/2024 and 7/23/2024, storm events with intervals of high intensity/short duration rainfall coupled with existing saturated conditions caused ESC measures to become overwhelmed. At S-IJ19/S-IJ18, approximately 30 feet of the stream was impacted off right of way. Runoff from the right of way above the access road caused gravel/sediment to washout on the access road. At S-MN21, it appeared that runoff from the permanent waterbar end treatments contributed to this impact. The VADEQ was immediately notified, landowner access granted, the ESC measures repaired/enhanced, sediment removed, and the areas stabilized within the required timeframe via an extension request approval due to wet conditions. The LEI submitted Agency Compliance Reports (PARs #998 and #999) on 7/23/2024. A Notice of Force Majeure Declaration was submitted to the VADEQ on 8/2/2024. **Refer to Section VI. for further discussion**.

On 7/24/2024, the EIs observed two off right of way sediment/gravel impacts at MVP-GI-249 (access road) and west of MVP-GI-256.02 up to 75 feet respectively, within upland areas. On 7/23/2024, storm events with intervals of high intensity/short duration rainfall coupled with existing saturated conditions caused ESC measures to become overwhelmed. At MVP-GI-249, gravel washout occurred from the access road. At MVP-GI-256.02, sediment deflected off right of way from a sediment control (foam silt dike). The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment/gravel removed, and the areas stabilized within the required timeframe. No environmental resources were impacted. The LEI submitted an Agency Compliance Report (PAR #997) for MVP-GI-249 on 7/23/2024. The LEI submitted an Agency Compliance Form (PAR #1006) for MVP-GI-256.02 on 7/24/2024.

On 7/24/2024, the LEI observed an environmental resource impact at S-IJ16b east of MVP-GI-244. On 7/23/2024, storm events with intervals of high intensity/short duration rainfall coupled with existing saturated conditions caused ESC measures to become overwhelmed resulting in the streambank to slough, subsequently impacting approximately 100 feet of the stream off right of way. The VADEQ was immediately notified, landowner access granted, the ESC measures were repaired/enhanced, sediment removed, and the impacted areas stabilized. It should be noted that from the permanent waterbar end treatments contributed to the impact. The LEI submitted Agency Compliance Form (PAR #1008) on 7/24/2024. A Notice of Force Majeure Declaration was submitted to the VADEQ on 8/2/2024. **Refer to Section VI. for further discussion**.

On 8/9/2024, the EIs observed four off right of way sediment impacts up to 40 feet within upland areas east of Stevers Gap Trail (3) and west of Hendrickson Road (1). On 8/8/2024, a storm event with intervals of high intensity/short duration rainfall from Tropical Storm Debby caused ESC and SWM measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC/SWM measures repaired/enhanced, sediment removed, and the areas stabilized within the required timeframe. No environmental resources were impacted. The LEI submitted an Agency Compliance Form (PAR #1020) on 8/9/2024. **Refer to Section VI. for further discussion**.

On 8/9/2024, the LEI observed an environmental resource impact at S-IJ16b east of MVP-GI-244. On 8/8/2024, a storm event with intervals of high intensity/short duration rainfall from Tropical Storm Debby caused ESC and SWM measures to become overwhelmed resulting in the streambank sloughing into the stream. It should be noted that runoff from the permanent waterbar end treatments contributed to the impact. The VADEQ was immediately notified, ESC measures enhanced via engineering redlines, and sediment removed within the required timeframe via an extension request approval. The LEI submitted Agency Compliance Form (PAR #1021) on 8/9/2024. A Notice of Force Majeure Declaration was submitted to the VADEQ on 8/19/2024. **Refer to Section VI. for further discussion**.

On 8/19/2024, the EIs observed three off right of way sediment impacts up to 15 feet within upland areas west of MVP-AR-234. On 8/17/2024, a storm event with high intensity short duration rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment removed, and the areas stabilized within the required timeframe via an extension request approval. No environmental resources were impacted. The LEI

submitted an Agency Compliance Form (PAR #1030) on 8/19/2024. **Refer to Section VI. for further discussion**.

On 8/30/2024, the EIs observed 7 off right of way sediment impacts up to 30 feet within upland areas east of Gravely Hill Road (6) and east of MVP-GI-238.01 (1). On 8/29/2024, a strong storm event with high intensity short duration rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment removed, and the areas stabilized within the required timeframe. No environmental resources were impacted. The LEI submitted an Agency Compliance Form (PAR #1032) on 8/30/2024. **Refer to Section VI. for further discussion**.

On 8/30/2024, the EI observed an environmental resource impact at S-P6 east of Gravely Hill Road. The strong storm event on 8/29/2024 caused ESC measures to become overwhelmed subsequently impacting approximately 50 feet of the stream off right of way. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment removed, and the area stabilized within the required timeframe. The LEI submitted an Agency Compliance Form (PAR #1034) on 8/30/2024. A Notice of Force Majeure Declaration was submitted to the VADEQ on 9/9/2024. **Refer to Section VI. for further discussion**.

On 9/1/2024, the EIs observed 37 off right of way sediment impacts up to 200 feet within upland areas west of MVP-GI-234 (6), east of MVP-GI-237 (3), east of Gravely Hill Road (1), east of MVP-GI-238.01 (2), east of Highway 42 (11), east of Seven Oaks Road/MVP-GI-253.02 (11), and west of Old Furnace Road/MVP-GI-256.02 (3). On 8/31/2024, strong storm events with high intensity/short duration rainfall caused ESC and SWM measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted at 33 locations, ESC and SWM measures repaired/maintained and enhanced, sediment removed, and the areas stabilized within the required timeframes via extension request approvals. Four of the locations received indefinite extension request approvals until landowner permission is granted. The LEI submitted Agency Compliance Forms (PARs #1039, #1040, #1041, and #1042) on 9/1/2024. **Refer to Section VI. for further discussion**.

On 9/1/2024, the EIs observed four environmental resource impacts at S-P6 east of Gravely Hill Road, S-MM18 east of Highway 42, S-NN12 east of Seven Oaks Road/MVP-GI-253.02, and S-NN11 west of Old Furnace Road/MVP-GI-256. The strong storm events on 8/31/2024 caused ESC and SWM measures to become overwhelmed. At S-P6, approximately 20 feet of the stream was impacted. At S-MM18, approximately 25 feet of the stream was impacted. At S-NN12, approximately 300 feet of the stream was impacted. At S-NN11, approximately 100 feet of the stream was impacted. The VADEQ was immediately notified, landowner access granted, sediment removed, impacted upland areas stabilized, and the ESC measures repaired/replaced and enhanced within the required timeframe via extension request approvals due to unsafe/wet conditions. The LEI submitted Agency Compliance Forms (PARs #1035, #1036, #1037, and #1038) on 9/1/2024. A Notice of Force Majeure Declaration was submitted to the VADEQ on 9/9/2024. **Refer to Section VI. for further discussion**.

On 9/3/2024, the EI observed two off right of way sediment impacts up to 10 feet within upland areas east and west of Old Furnace Road/MVP-GI-256.02. On 8/31/2024, strong storm events with high intensity short duration rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment removed, and the areas stabilized within the required timeframes with one location receiving an extension request approval. No environmental resources were impacted. The LEI submitted an Agency Compliance Form (PAR #1043) on 9/3/2024. **Refer to Section VI. for further discussion**.

On 9/5/2024, the EI observed two off right of way sediment impacts approximately 5 feet and 10 feet within upland areas west of MVP-GI-234. On 8/31/2024, strong storm events with high intensity short duration rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment removed, and the areas

stabilized within the required timeframe. No environmental resources were impacted. **Refer to Section VI. for further discussion**.

On 9/19/2024, the EI observed an off right of way sediment impact approximately 10 feet within an upland area west of Stevers Gap Trail. From 9/18/2024 into early 9/19/2024, a storm event from a tropical system with intervals of high intensity/short duration rainfall coupled with previous rainfall and saturated ground conditions caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment removed, and the area stabilized within the required timeframe. No environmental resources were impacted.

On 9/20/2024, the EIs observed three off right of way sediment impacts up to 100 feet within upland areas east of MVP-MN-266 (2) and east of Kow Camp Road #1 (1). On 9/19/2024, strong storm events in a short duration coupled with existing saturated conditions caused ESC measures to become overwhelmed at MVP-MN-266. At one of the off right of way locations the sediment subsequently impacted a Karst feature. The Spread G environmental inspection staff, MVP Environmental staff, and Karst geologist have been communicating/coordinating with VA Department of Conservation and Recreation pertaining to this issue. At Kow Camp Road #1, the storm event caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, sediment removed, ESC measures repaired/enhanced, and the areas stabilized within the required timeframe. No environmental resources were impacted at two of the locations; however, the off right of way impact at Kow Camp Road #1 subsequently resulted in an environmental resource impact to S-A32. The LEI submitted Agency Compliance Forms (PAR #1048 and #1049) on 9/202024. **Refer to Section VI. for further discussion**.

On 9/20/2024, the EI observed an environmental resource impact at S-A32 west of Kow Camp Road #1. On 9/19/2024, strong storm events in a short duration coupled with existing saturated conditions caused ESC measures to become overwhelmed and subsequently impacting approximately 50 feet of the stream. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment removed, and the area stabilized within the required timeframe. The LEI submitted an Agency Compliance Form (PAR #1048) on 9/20/2024. A Notice of Force Majeure Declaration was submitted to the VADEQ on 9/30/2024. **Refer to Section VI. for further discussion**.

On 9/25/2024, the EIs observed 45 off right of way sediment impacts up to 100 feet within upland areas throughout Giles (44) and Montgomery Counties (1). It should be noted that three of the impacts were located within the JNF. On 9/24/2024, storm events with high intensity/short duration rainfall caused extensive erosion and areas of sloughing resulting in ESC and SWM measures to become overwhelmed. The VADEQ and USFS were immediately notified, landowner access granted, ESC measures temporarily repaired/enhanced, sediment removed, and the areas stabilized at 17 locations. The remaining 28 locations received extension request approvals due to hazardous/saturated conditions. The LEI submitted Agency Compliance Forms (PARs #1057, #1058, #1059, #1063, and #1064) on 9/25/2024. It should be noted that two of the off right of way impacts at MVP-AR-234 (access road) and east and west of Kow Camp Road #1 resulted in environmental resource impacts at S-Q14 and S-A32, respectively. **Refer to Section VI. for further discussion**. Further documentation will be provided in the Q4 2024 report.

On 9/25/2024, the EIs observed 5 environmental resource impacts at S-Q14 below MVP-GI-234 (access road), S-MM17/W-MM10 below MVP-GI-253.02 (access road), S-NN12 east of MVP-GI-253.02, and S-A32 west of Kow Camp Road #1. The strong storm events on 9/24/2024 caused ESC and SWM measures to become overwhelmed. Based on a site evaluation at Kow Camp Road #1, the Environmental Auditor observed severe erosion on the slope above S-A32 and it appeared that runoff from the permanent waterbars and end treatments contributed to the erosion. The VADEQ was immediately notified and these items received extension request approvals due to hazardous/saturated conditions. The Environmental Auditor conducted a site evaluation at MVP-GI-234 on 9/25/2024, and observed the contractor staff conducting repairs to the access road and installing temporary ESC measures. The LEI submitted Agency Compliance Forms (PARs #1053, #1054, #1055, and #1056) on

9/25/2024. The MVP Environmental staff submitted a Courtesy Notice Force of Majeure Declaration on 9/29/2024. **Refer to Section VI. for further discussion**. Further documentation will be provided in the Q4 2024 report.

On 9/26/2024, the EI observed an off right of way sediment impact approximately 15 feet within an upland area west of Cascade Drive. From 9/25/2024 through 9/27/2024, a storm event from remnants of Hurricane Helene coupled with previous rainfall and saturated conditions caused ESC and SWM measures to become overwhelmed. The VADEQ was immediately notified and an extension request was approved due to hazardous/saturated conditions. No environmental resources were impacted. It should be noted that previous issues occurred at this location and an engineering review will be conducted to implement permanent/enhanced measures. Based on a previous field evaluation conducted by the Environmental Auditor, it appeared that runoff from the permanent waterbar end treatments is contributing to the redundant impacts. **Refer to Section VI. for further discussion**. Further documentation will be provided in the Q4 2024 report.

On 9/26/2024, the EIs observed two environmental resource impacts at S-MN21 west of Mt. Tabor Road and S-YZ1 at MVP-GI-241.03 (access road). The storm event from remnants of Hurricane Helene coupled with previous rainfall and saturated conditions caused extensive erosion on the right of way resulting in the ESC measures becoming overwhelmed subsequently impacting S-MN21. Extensive runoff at MVP-GI-241.03 caused the access road to washout overwhelming the ESC measures and subsequently impacting S-YZ1. The VADEQ was immediately notified, landowner access granted, the access road repaired, ESC measures repaired/enhanced, and the gravel removed from S-YZ1 within the required timeframe via an extension request approval. An extension request was approved for S-MN21 due to hazardous/saturated conditions. The LEI submitted Agency Compliance Forms (PARs #1065 and #1079) on 9/26/2024. The MVP Environmental staff submitted a Courtesy Notice of Force Majeure Declaration on 9/29/2024. Further documentation will be provided in the Q4 2024 report.

On 9/27/2024, the EI observed an environmental resource impact at S-G32 east of Buffalo Anklets Road/MVP-GI-241.04. The storm event from remnants of Hurricane Helene coupled with previous rainfall and saturated conditions caused extensive erosion on the right of way resulting in the ESC and SWM measures becoming overwhelmed. It should be noted that the Environmental Auditor evaluated this location on 9/25/2024 and observed runoff from the permanent waterbars and end treatments contributing to the erosion. The VADEQ was immediately notified and an extension request was approved due to hazardous/saturated conditions. The LEI submitted an Agency Compliance Form (PAR #1067) on 9/27/2024. The MVP Environmental staff submitted a Courtesy Notice of Force Majeure Declaration on 9/29/2024. **Refer to Section VI. for further discussion**. Further documentation will be provided in the Q4 2024 report.

On 9/28/2024, the EIs observed three off right of way sediment impacts up to 20 feet within upland areas west of MVP-GI-234 (1) and east of Gravely Hill Road (2). From 9/25/2024 through 9/27/2024, a prolonged storm event from remnants of Hurricane Helene coupled with previous rainfall and saturated conditions caused ESC and SWM measures to become overwhelmed. The VADEQ was immediately notified, landowner access was granted, ESC measures repaired/enhanced, sediment removed, and the areas stabilized east of Gravely Hill Road within the required timeframe. The remaining two areas west of MVP-GI-234 received extension request approvals due to hazardous/saturated conditions. No environmental resources were impacted. The Environmental Coordinator submitted an Agency Compliance Form (PAR #1072) on 9/28/2024. Further documentation will be provided in the Q4 2024 report.

On 9/29/2024, the EIs observed 7 off right of way sediment impacts up to 30 feet within upland areas west of MVP-GI-244 (1), east and west of MVP-GI-253.02 (3), and west of MVP-GI-256.02 (3). From 9/25/2024 through 9/27/2024, storm events up to and including remnants from Hurricane Helene coupled with saturated conditions caused ESC and SWM measures to become overwhelmed. The VADEQ was immediately notified, landowner access was granted, ESC measures repaired/enhanced, sediment removed, and the areas stabilized at one location west of MVP-GI-256.02 within the required timeframe.

The remaining 6 locations received extension request approvals due to hazardous/saturated conditions. It should be noted that the off right of way impact at MVP-GI-244 contributed to an environmental resource impact at S-RR5. The LEI submitted an Agency Compliance Form (PAR #1071) on 9/29/2024. Further documentation will be provided in the Q4 2024 report.

On 9/29/2024, the EIs observed environmental resource impacts at S-NN12 east of MVP-GI-253.02 and S-RR5 west of MVP-GI-244. The storm events leading up to and including remnants from Hurricane Helene caused ESC and SWM measures to become overwhelmed subsequently impacting approximately 100 feet of S-NN12 and the slope to slough resulting in ESC and SWM measures becoming overwhelmed at S-RR5. The VADEQ was immediately notified and extension requests were approved due to hazardous/saturated conditions. The LEI submitted Agency Compliance Forms (PARs #1073 and #1074) on 9/29/2024. The MVP Environmental staff is preparing a Courtesy Notice of Force Majeure Declaration. Further documentation will be provided in the Q4 2024 report.

The following is an additional contractor-related noncompliance event observed by the Spread G Environmental inspection staff that did not result in upland off right of way or environmental resource sediment impacts:

On 8/6/2024, the MVP contractor was using an unauthorized off site rock/soil disposal site per an agreement with the landowner. The material was placed by the contractor within an upland location; however, a stream was impacted via landowner grading over a fill slope. Per MVP, the contractor was informed that no further disposal was permitted at this location. The contractor subsequently stabilized the fill slope and installed ESC measures along the base of the slope. It should be noted that the Spread G Environmental inspection staff was not informed about this agreement and disposal location prior to third party complaints submitted to the Federal Energy Regulatory Commission (FERC) and VADEQ. The LEI submitted an Agency Compliance Form (NCR #1018) on 8/8/2024.

On 9/13/2024, the EI observed soil binders hydraulically applied within 100 feet of stream crossings at S-MM18 west of MVP-GI-253.02 and S-NN12 west of MVP-GI-256.02. The LEI submitted an Agency Compliance Form (NCR #1045) on 9/13/2024. These locations were subsequently restabilized with SSB. The Spread G environmental staff conducted training for the contractor staff to ensure regulations and ESC requirements are being followed. **Refer to Section VII. for further discussion**.

During the Q3 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 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 G-1A provides a summary of maintenance/repair items identified by the Els throughout the Q3 reporting period:

Spr	Spread G Environmental Inspector Observations: July 1, 2024 - September 30, 2024											
Monthly Observation	Total Number Observations	Environmental Resource Impacts	Off Right of Way Impacts	Right of Way Impacts Caused by Third Parties	Weather Related Damage							
July 2024	*427	10	37	0	0							
August 2024	*158	2	14	4	0							
September 2024	*448	14	101	3	1							

Table G-1A

*Includes Carry Over Items

The EIs conducted a total of 251 SWPPP inspections and provided respective VSIRs throughout the Q3 reporting period. Upon review of the SWPPP VSIRs, the EIs observations were documented within the daily MVP Punchlists, communicated to the contractor, and noted issues were repaired/maintained and/or enhanced within the VADEQ approved timeframe (24 Hours/Three Days or as extended by VADEQ

authorization). It should be noted that SWPPP inspections were postponed on 9/27/2024 due to hazardous conditions related to a weather event and the VADEQ was immediately notified.

The Els conducted ODCP site inspections at Laydown Yard 026 throughout the Q3 reporting period. Twenty-eight inspections were conducted in July, 29 inspections were conducted in August, and 15 inspections were conducted in September. No spills were observed by the ODCP inspectors/Els throughout the Q3 reporting period. It should be noted that the refueling tanks have been removed from the laydown yard on 9/19/2024.

An approximate total of 30 recordable precipitation events occurred during the Q3 reporting period. On 6/29/2024, a storm event produced approximately 0.9 inches of rainfall in 1.5 hours. This event caused ESC measures to become overwhelmed resulting in two off right of way impacts within an upland areas. The impacts were observed by the EIs on 7/1/2024. **Refer to discussion above, Table G-1B, and Section VI. for further discussion**.

On 7/5/2024, strong storm events produced approximately 1.1-1.85 inches of rainfall in 0.5 hours. These storm events caused ESC and SWM measures to become overwhelmed resulting in 18 off right of way impacts within an upland areas and 6 environmental resource impacts at S-A32, S-HH18, S-MN21, S-EF65 (2), and S-IJ52. The impacts were observed by the EIs on 7/6/2024 with one of the off right of way impact observed on 7/8/2024. **Refer to discussion above, Table G-1B, and Section VI., and Section VI. for further discussion**.

From 7/17/2024 into early 7/18/2024, strong storm events with high/intensity/short duration rainfall produced approximately 0.8 inches of rainfall within 1.5 hours. These storm events caused improperly installed ESC measures to become overwhelmed resulting in 6 off right of way impacts within upland areas. The impacts were observed by the EI on 7/18/2024. **Refer to discussion above, Table G-1B, Section VI., and Section VII. for further discussion**.

On 7/20/2024, a storm event with high intensity/short duration rainfall produced approximately 0.7 inches of rainfall in two hours. This storm event caused ESC measures to become overwhelmed resulting in two off right of way impacts within upland areas and one environmental resource impact at S-MN21. The impacts were observed by the EIs on 7/21/2024. **Refer to discussion above, Table G-1B, and Section VI. for further discussion**.

On 7/21/2024, a storm event coupled with existing saturated conditions produced approximately 0.5 inches of rainfall within 2 hours. This event caused a slope to slough due to runoff from upslope permanent waterbar end treatments resulting in ESC measures becoming overwhelmed subsequently resulting in an off right of way impact within an upland area. The El observed the impact on 7/22/2024. **Refer to discussion above, Table G-1B, and Section VI. for further discussion**.

On 7/22/2024 and 7/23/2024, storm events with high intensity/short duration rainfall produced approximately 1.25-2.1 inches of rainfall in two to five hours. These storm events coupled with existing saturated conditions caused ESC measures to become overwhelmed resulting in 7 off right of way impacts within upland locations and three environmental resource impacts at S-IJ18/S-IJ19, S-MN21, and S-IJ16b. The impacts were observed by the EIs on 7/23/2024 and 7/24/2024. **Refer to discussion above, Table G-1B, and Section VI. for further discussion**.

On 8/8/2024, a storm event from Tropical Storm Debby with intervals of high intensity/short duration rainfall produced approximately 1.5-2.25 inches of rainfall within 14 hours. This event caused ESC and SWM measures to become overwhelmed resulting in four off right of way impacts within upland areas and one environmental resource impact at S-IJ16b. The impacts were observed by the EIs on 8/9/2024. **Refer to discussion above, Table G-1B, and Section VI. for further discussion**.

On 8/17/2024, a storm event with high intensity short duration rainfall produced approximately 0.4 inches of rainfall within .25 hours. This event caused ESC measures to become overwhelmed resulting in three off right of way impacts within upland areas. The impacts were observed by the Els on 8/19/2024. **Refer to discussion above, Table G-1B, and Section VI. for further discussion**.

On late 8/29/2024, a strong storm event with high intensity/short duration rainfall produced approximately 0.6 inches or rainfall within one hour. This event resulted in ESC and SWM measures becoming overwhelmed resulting in 7 off right of way impacts within upland areas and one environmental resource impact at S-P6. The impacts were observed by the EIs on 8/30/2024. **Refer to discussion above, Table G-1B, and Section VI. for further discussion**.

On 8/31/2024, strong storm events with high intensity/short duration rainfall produced approximately 1.1-1.2 inches of rainfall in one hour. These events caused ESC and SWM measures to become overwhelmed resulting in 41 off right of way impacts within upland areas and four environmental resource impacts at S-P6, S-MM18, S-NN12, and S-NN11. The impacts were observed by the EIs on 9/1/2024 and 9/3/2024. **Refer to discussion above, Table G-1B, and Section VI. for further discussion**.

From 9/18/2024 into early 9/19/2024, a storm event from a tropical system with intervals of high intensity/short duration rainfall produced approximately 0.9 inches of rainfall in 8 hours. This event coupled with previous rainfall and saturated conditions caused ESC measures to become overwhelmed resulting in an off right of way impact within an upland area. The impact was observed by the EI on 9/19/2024. **Refer to discussion above, Table G-1B, and Section VI. for further discussion**.

On 9/19/2024, strong storm events in a short duration produced approximately 0.9 inches of rainfall in .30 hours. This event coupled with previous rainfall and saturated conditions caused ESC and SWM measures to become overwhelmed resulting in three off right of way impacts within upland areas and one environmental resource impact at S-A32. The impacts were observed by the EIs on 9/20/2024. It should be noted that one of the off right of way impacts at MVP-MN-266 resulted in a Karst feature impact. **Refer to discussion above, Table G-1B, and Section VI. for further discussion**.

From 9/24/2024 through 9/27/2024, storm events leading up to and including remnants of Hurricane Helene produced approximately 10.75 inches of rainfall throughout area of the project. These storm events coupled with previous rainfall and saturated conditions caused flooding, severe erosion, and slopes to slough. These impacts caused ESC and SWM measures to become damaged/overwhelmed resulting in 56 off right of way impacts within upland areas and 9 environmental resource impacts to S-Q14, S-MM17/W-MM10, two impacts at S-NN12, S-A32, S-MN21, S-YZ1, S-G32, and S-RR5. The impacts were observed by the EIs on 9/25/2024, 9/26/2024, 9/27/2024, and 9/29/2024. **Refer to discussion above, Table G-1B, and Section VI. for further discussion**.

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

Table G-1B

	Spread G Precipit	ation and Duration	on Rates: July 1, 2024 - Se	eptember 30, 2	2024
	July		August		September
Date Recorded	Rainfall/Snowfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
7/1/2024	0.0"-1.1" - 1.5 Hours *Scattered storms with intervals of high intensity/short duration rainfall occurred on 6/29/2024	8/3/2024	0.2"-0.9" - 5 Hours *Rainfall occurred on 8/2/2024	9/1/2024	0.4"-1.5" - 1 Hour *Strong storm events occurred o 8/31/2024
7/5/2024	0.0"-0.4" - 1 Hour *Isolated strong storms occurred on late 7/4/2024	8/5/2024	0.0"-0.7" - 1 Hour *Isolated storms occurred on 8/3/2024	9/17/2024	0.1"-0.6" - 12 Hours *Storm event from a tropical system occurred late on 9/16/202
7/6/2024	0.8"-1.85"5 Hours *Thunderstorms with high intensity/short duration rainfall occurred late on 7/5/2024	8/8/2024-8/9/2024	1.0"-2.5" - 14 Hours *Storm event with intervals of high intensity/short duration rainfall from Tropical Storm Debby occurred from 8/8/2024 into early 8/9/2024	9/18/2024	0.0"-1.0" - 10 Hours *Storm event from a tropical system occurred on 9/17/2024
7/9/2024	0.0"-0.7"66 Hours *Isolated storm events with intervals of high intensity/short duration rainfall occurred on 7/8/2024	8/17/2024	0.1"-0.45" - 8 Hours *Storm event with locations receiving high intensity/short duration rainfall occurred from 8/16/2024 into 8/17/2024	9/19/2024	0.0"-1.0" - 8 Hours *Storm event from a tropical system occurred late on 9/18/202 into early 9/19/2024
7/17/2024	0.05"-0.35"5 Hours *Scattered strong storm events with intervals of high intensity/short duration rainfall occurred on 7/16/2024	8/19/2024	0.0"-0.2" - 2 Hours *Isolated storm event occurred on 8/17/2024	9/20/2024	0.0"-0.9"30 Hours *Isolated strong thunderstorms with high intensity/short duratior rainfall occurred late on 9/19/202
7/18/2024	0.45"-1.2" - 1.5 Hours *Scattered strong storm events with areas receiving high intensity/short duration rainfall occurred on late 7/17/2024 and 7/18/2024	8/20/2024	0.0"-0.4" - 1 Hour *Scattered rainfall occurred on 8/19/2024	9/24/2024	0.0"-0.5" - 4 Hours *Scattered storm events occurre on late 9/23/2024 into early 9/24/2024
7/21/2024	0.2"-1.0" - 2 Hours *Storm events with areas receiving high intensity/short duration rainfall on 7/20/2024	8/30/2024	0.0"-0.6" - 0.25 Hours *A strong thunderstorm with high intensity/short duration rainfall occurred late on 8/29/2024	9/25/2024	1.05"-3.85" - 1 Hour *Strong storms with high intensity/short duration rainfall occurred on 9/24/2024
7/23/2024	0.2"-1.7" - 2 Hours *Storm events with areas of high intensity/short duration rainfall occurred on 7/22/2024			9/26/2024	1.7"-3.5" - 10 Hours *Storm event with intervals of hig intensity rainfall occurred on 9/25/2024 into early 9/26/2024
7/24/2024	0.2"-0.55" - 3 Hours *Storm events occurred on 7/23/2024			9/27/2024	0.4"-1.5" - 3 Hours *Storm event from remnants of Hurricane Helene occurred on 9/26/2024
7/26/2024	0.1"-0.5" - 1 Hour *Storm events occurred on 7/25/2024			9/28/2024	0.5"-1.9" - 5 Hours *Storm event from remnants of Hurricane Helene occurred on 9/27/2024
7/30/2024	0.1"-0.2" - 2 Hours *Rainfall occurred on 7/29/2024			9/29/2024	0.1"-1.5" - 5 Hours *Storm event with locations receiving intervals of high intensity/short duration rainfall occurred on late 9/29/2024 into early 9/30/2024
7/31/2024	0.0"-0.25"66 Hours *Scattered showers occurred on 7/30/2024				

IV. Quarterly Summary of VADEQ Observations

Per Table G-1C, the VADEQ Inspectors observed a total of 5 items requiring ESC repair/maintenance throughout the Q3 reporting period. No items related to third party impacts were identified by the VADEQ throughout the Q3 reporting period. During the Q3 reporting period, the VADEQ did not identify project related off right of way or environmental resource impacts throughout the Spread G project area. **Refer to Table G-IC for further detailed information**.

The items provided by the VADEQ on the daily MVP Punchlists throughout the Q3 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).

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

able G-TC	Spread G VADEQ Observations: July 1, 2024 - September 30, 2024											
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 2024	1	0	0	0	0							
August 2024	1	0	0	0	0							
September 2024	3	0	0	0	0							

Table G-1C

V. Quarterly Summary of Landowner/Third Party Issues

The Environmental Auditor noted three formal landowner/third party complaints submitted to the VADEQ for the Spread G Project during the Q3 reporting period.

- Per the Closure section of the VADEQ Pollution Investigation Report #314147 dated 7/11/2024 based on a third party complaint received by the VADEQ on 5/30/2024 (Q2 2024), the VADEQ concluded appropriate compliance actions were completed.
- A landowner complaint was observed on 7/5/2024 and filed with the VADEQ on 7/7/2024 (Pollution Investigation Report_IR #314589). The complainant alleged "sediment from steep slopes" impacted S-EF65 as a result of a "very serious thunderstorm" on 7/5/2024". On 7/6/2024, the EIs observed two off right of way sediment impacts at separate locations within S-EF65 (upstream of right of way and downstream of right of way) west of Mt. Tabor Road. On 7/5/2024, a strong thunderstorm event with intervals of high intensity/short duration rainfall caused ESC measures to become overwhelmed resulting in the environmental resource impacts. The VADEQ was immediately notified, landowner approval granted, and sediment removed at the upstream location within the required timeframe. Due to the extent of sediment (approximately 1,000 feet) at the downstream location, an extension request was approved by the VADEQ. On 7/11/2024, the VADEQ inspector observed appropriate compliance actions completed and no further compliance issues were observed.
- A third party complaint was observed and filed with the VADEQ on 8/6/2024 (Pollution Investigation Report IR #315130). The complainant alleged "boulders and unstabilized soil in a fill area are threatening to impact a stream flowing into the New River "and "believers the site is being used by MVP ". Based on an Agency Compliance Form (Noncompliance Report #1018) submitted by the LEI on 8/8/2024, the contractor was using an unauthorized offsite disposal site per an agreement with the landowner. It should be noted that the contractor did not communicate the agreement with the landowner and the off right of way disposal location with the Spread G Environmental inspection staff. The material was placed within an upland location; however, a stream was impacted via landowner grading over a fill slope. Per MVP, the contractor was informed that no further disposal was permitted at this location. The contractor subsequently stabilized the fill slope and installed ESC measures along the base of the slope. Per the VADEQ website, the VADEQ informed the complainant the off right of way disposal site is not part of the MVP ESC/SWM plans and referred this complaint to the Giles County for local program review. Further coordination is underway between the VADEQ and Giles County to determine applicability of ESC/SWM regulations and responsibility for the disposal site. On 9/4/2024, the site was inspected by the VADEQ and Giles County E&S Program staff. It was determined that the off right of way disturbed area was stabilized, not a regulated activity, and not part of the MVP project. No compliance issues were observed.
- A third party complaint was observed and filed with the VADEQ on 8/7/2024 (Pollution Investigation Report_IR #315007). The complainant alleged "MVP was disturbing ground" "with

heavy rain expected in this area". On 8/7/2024, the contractor staff was conducting ESC measures maintenance/enhancements in preparation for the upcoming precipitation event from Tropical Storm Debby. Per the Closure section of the IR on 8/12/2024, no compliance issues were observed. **Refer to Section III. And VI. for further discussion**.

VI. Quarterly Summary of Environmental Auditor Observations and Recommendations

Per Table G-1D, the Environmental Auditor conducted 58 site evaluations during the Q3 reporting period and observed locations where Pollution Prevention, ESC, and SWM measures required proper installation, repair/maintenance, or additional (enhanced) measures to be installed.

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 also reviewed and provided recommendations related to daily MVP Punchlists, ODCP Inspection reports, and SWPPP VSIRs. The Environmental Auditor communicated technical and administrative observations and recommendations to the LEI, Environmental Coordinator (EC), Chief EI, and MVP Environmental staff. Throughout the Q3 reporting period, installation and repair/maintenance recommendations were forwarded to the contractor Environmental staff by the Spread G Environmental inspection staff most recommendations were addressed.

During the Q3 reporting period, the Environmental Auditor evaluated locations throughout the right of way where final cleanup and permanent restoration activities were occurring. The Environmental Auditor focused on proper installation of the SWM measures (right of way and access roads) and site restoration implementation. The Environmental Auditor also conducted evaluations at locations where off right of way and environmental resource impacts occurred throughout the Q3 reporting period. The Environmental Auditor communicated/coordinated with the onsite Els and LEI on a continued basis to ensure permanent restoration activities were conducted in accordance with the required ESC/SWM Plans and AS&S requirements. The Environmental Auditor frequently communicated with the LEI, EC, Chief EI, and MVP Environmental staff regarding observations and recommendations related to conducting proper hydraulic application operations to achieve uniform coverage at the required rates, properly installing SSB, and recognizing locations where concentrated flow resulted in erosive conditions and implemented enhanced ESC measures at such locations. The Environmental Auditor also communicated with the LEI regarding relevant documentation related to SWPPP VSIRs, daily MVP Punchlists, ODCP Inspection reports, and Agency Compliance Forms (PARs/NCRs).

The Environmental Auditor provided the following detailed technical and administrative/documentation recommendations:

Technical Recommendations

- Repair rills/gullies prior to conducting stabilization activities.
- Ongoing communication to install SSB where straw/hydraulic mulch are not effective measures per Section 3.2 of the AS&S requirements. Areas of concern where concentrated runoff has caused erosion are along the inside edge of perimeter sediment controls on slopes, below waterbar end treatments, areas where rills/gullies have formed, and areas where sheet flow transitioned to concentrated flow conditions.
- Upgrading SSB throughout locations where current SSB is an ineffective measure per Section 3.2 of the AS&S due to slope, concentrated flow conditions, and limited functional longevity.
- Ongoing communication to properly install SSB related to anchoring and stapling.
- Evaluate and repair compost filter sock (CFS) where undermining was observed.
- Monitor temporary bridge crossings during active construction activities and enhance ESC measures as necessary.

Evaluate vegetative growth throughout the right of way and restabilize locations where there is
minimal to no vegetative growth. The stabilization process should entail the addition of lime and
fertilizer as necessary. The Environmental Auditor also suggested to the LEI, Chief EI, and MVP
Environmental staff to consider additional soil amendments to provide sustainable soil fertility.
Soil fertility and pH testing is recommended to determine appropriate application rates.

Administrative/Documentation Recommendations

- Conduct QA/QC to ensure consistency and thoroughness between the daily MVP Punchlists and SWPPP VSIRs.
- Update the off right of way Sediment Tracker data and submit Agency Compliance Forms to the Environmental Auditor following an off right of way/environmental resource impact.
- Communicate third party/landowner complaints, off right of way impacts, and environmental resource impacts to the Environmental Auditor.

The following are Environmental Auditor observations at locations where off right of way and environmental resource impacts occurred throughout the Q3 reporting period. **Refer to the attached Environmental Auditor Bi-Weekly Reports for further information**.

On 7/3/2024, the Environmental Auditor conducted evaluations at MVP-GI-249 (access road) and east of Kow Camp Road #1 where off right of way impacts were observed by the EIs on 7/1/2024. The Environmental Auditor observed the ESC measures repaired/enhanced, gravel/sediment removed, and the areas stabilized. A recommendation was communicated to ensure silt fence is installed per the ESC Plan height requirements.

On 7/8/2024, the Environmental Auditor conducted evaluations west of Mt. Tabor Road and east Craig Creek Road where off right of way and environmental resource impacts were identified by the Els on 7/6/2024. At MVP-MLV-26, the Environmental Auditor observed the contractor staff conducting ESC/SWM repair/maintenance activities throughout the right of way that included locations where off right of way sediment impacts occurred within upland areas and at the two locations where impacts occurred to S-EF65. Sediment removal was underway within an upland location above S-EF65 and approximately 1,000 feet of the stream channel exhibited heavy sediment deposition. The Environmental Auditor conducted a follow up evaluation on 8/28/2024, and observed the ESC and SWM measures installed and functional, sediment removed, and the previously impacted locations stabilized. At MVP-MN-258.04, the Environmental Auditor observed the contractor staff conducting ESC measures repair/maintenance and removing off right of way sediment at the time of the evaluation. At S-HH18, the ESC measures appeared to be repaired/enhanced, sediment removed, and impacted areas stabilized at the time of the evaluation.

On 7/18/2024, the Environmental Auditor conducted evaluations east and west of Kow Camp Road #1 where the El observed off right of way impacts within upland areas (including Kow Camp Road) and an environmental resource impact at S-A32 on 7/6/2024. At the time of the evaluation, the Environmental Auditor observed the sediment removed, ESC measures repaired/enhanced, and the areas stabilized. The Environmental Auditor provided recommendations to ensure hydraulic mulch is properly applied per the ESC Plan requirements and installing SSB where erosion occurred on the slope.

On 7/24/2024, the Environmental Auditor conducted and evaluations at S-IJ19/S-IJ18 adjacent to MVP-GI-244 (access road), MVP-GI-249 (access road), and west of Steele Acres Road/MVP-GI-258.01 where the Els observed an environmental resource impact and off right of way impacts on 7/23/2024. At S-IJ19/S-IJ18, the sediment was removed, ESC measures enhanced, and the area stabilized. The Environmental Auditor provided a recommendation to consider installing SSB within the portion of the right of way where erosion occurred. At MVP-GI-249, the Environmental Auditor observed repairs conducted to the access road and recommended repairing the broad based dips to meet the ESC Plan height requirements. At Steele Acres Road, the Environmental Auditor observed the ESC measures repaired, sediment removed, and the areas stabilized. The Environmental Auditor communicated

recommendations to install additional ESC measures throughout the right of way due to the amount of open disturbed area.

On 8/9/2024, the Environmental Auditor conducted an evaluation at S-IJ16b east of MVP-GI-244 where EI observed and environmental resource impact on that day. The Environmental Auditor observed the contractor staff conducting minor sediment removal and mobilizing ESC measures to be installed. It appeared that a portion of the streambank eroded and sloughed due to concentrated flow from the upslope permanent waterbar end treatments. Recommendations were provided to MVP Environmental staff and engineer to consider enhancing the SSB at this location.

On 8/9/2024, the Environmental Auditor conducted an evaluation west of Cascade Drive where the El observed an off right of way impact on 7/22/2024. Based on the evaluation, it appeared that heavy runoff from the 7/21/2024 storm event caused severe erosion throughout the slope. Temporary/enhanced ESC measures appeared to be installed and functional, sediment removed, and the areas stabilized. A recommendation was provided to consider enhancing the SSB at this location.

On 8/28/2024, the Environmental Auditor conducted an evaluation west of Mt. Tabor Road where the Els observed environmental resource impacts at S-MN21 on 7/6/2024, 7/21/2024, and 7/23/2024. At the time of the evaluation, the Environmental Auditor observed the sediment removed and the ESC/SWM measures installed. The Environmental Auditor provided recommendations to further evaluate the slope west of the stream to ensure proper ESC measures installation and upgrading the current SSB.

On 9/3/2024, the El conducted evaluations east of Highway 42, east of Seven Oaks Road/MVP-GI-253.02, and west of Old Furnace Road/MVP-GI-256.02 where off right of way impacts and environmental resource impacts to S-MM18, S-NN12, and S-NN11 were observed by the Els on 9/1/2024. At S-MM18, it appeared runoff from the permanent waterbar end treatments on the slope east of the stream contributed to the impacts. Erosion was also observed along the inside edge of the perimeter sediment controls due to concentrated flow. It should be noted that the Environmental Auditor did not observe final stabilization conducted on the slope at the time of the evaluation. On the slope west of the stream, erosion was evident below the permanent waterbar end treatments. A recommendation was provided to install SSB on the east and west slopes due to concentrated flow conditions resulting in erosion. On 9/23/2024, the Environmental Auditor conducted a follow up evaluation and observed the sediment removed from the stream and upland locations, ESC measures repaired/replaced, and most areas stabilized. Soil stabilization blanket (SSB) was being installed on the streambanks and approximately 50 feet above each side of the stream. Hydraulic mulch was reapplied on the east and west slopes.

At S-NN12, the Environmental Auditor observed severe erosion on the slope east of the stream from what appeared to be topographic conditions causing concentrated flow and below the permanent waterbar end treatments and along the inside edge of the perimeter sediment controls on the slope west of the stream. At the time of the evaluation, ESC and SWM measures were not repaired due to unsafe conditions. At S-NN11, the Environmental Auditor observed the contractor staff conducting repair/maintenance activities, sediment removed, and nearby impacted areas stabilized. Based on the evaluation, it appeared that runoff from the permanent waterbar end treatments contributed to the erosion. On 9/13/2024, the Environmental Auditor conducted a follow up evaluation and observed the ESC/SWM measures repaired/enhanced, sediment removed, and the areas stabilized.

On 9/4/2024, the Environmental Auditor accompanied by the El conducted an evaluation east of Gravely Hill Road where off right of way impacts and two environmental resource impacts at S-P6 were observed by the El on 8/30/2024 and 9/1/2024. The Environmental Auditor observed the contract staff conducting repair/maintenance activities throughout the right of way, sediment removed from S-P6, and areas stabilized. Recommendations were provided to enhance ESC measures throughout the right of way and above S-P6 to minimize potential future erosion and sediment impacts. The El also conducted an evaluation east of MVP-GI-238.01 where the El observed off right of way impacts on 9/1/2024. The Environmental Auditor observed the off right of way sediment removed and the areas stabilized. Recommendations were provided to ensure hydraulic mulch is properly applied per the ESC Plan

requirements and install SSB along the edge of the perimeter sediment controls on the slope to meet the ESC Plan and AS&S requirements.

On 9/23/2024, the Environmental Auditor conducted evaluations east of MVP-GI-266 and east of Kow Camp Road #1 where off right of way impacts and an environmental resource impact were observed by the Els on 9/20/2024. At MVP-GI-266, the Environmental Auditor observed the contractor conducting ESC measures repairs/enhancements, the off right of way sediment removed, and the areas stabilized. Based on a communication with the LEI, no sediment removal is to occur from the Karst feature. Based on the evaluation, the Environmental Auditor observed no permanent waterbars and end treatments installed on the slope per the SWM plans. Based on communication with the LEI and MVP Environmental staff, these structure have been removed per the landowner's request. The Environmental Auditor recommended installing SSB in areas where straw mulch become displaced resulting in erosion. At Kow Camp Road #1, the Environmental Auditor recommended installing SSB east of Kow Camp Road where straw mulch was applied in areas where erosion occurred resulting in the impact to S-A32.

On 9/25/2024, the Environmental Auditor conducted evaluations at S-A32 east and west of Kow Camp Road #1, S-G32 east of Buffalo Anklets Road/MVP-GI-241.04, and S-Q14 below MVP-GI-234 (access road) following a high intensity/short duration storm event on late 9/24/2024. At Kow Camp Road #1, the Environmental Auditor observed sediment deposition in the S-A32 and significant erosion on the slope to the west. It appeared that runoff from the permanent waterbar end treatments contributed to the erosion. The Environmental Auditor also observed erosion under areas of the SSB east of Kow Camp Road #1 which appeared to result in impacts to S-A32. The Environmental Auditor provided a recommendation to install enhanced/upgraded SSB and additional sediment controls. At MVP-GI-241.04, the Environmental Auditor did not observe any impacts to S-G32 at the time of the evaluation; however, ESC and SWM measures were overwhelmed on the slope east of the stream. It appeared that runoff from the permanent waterbars and end treatments contributed to the erosion. The Environmental Auditor evaluated the right of way west of that access road where the El observed off right of way impacts within upland areas and observed minimal to no vegetative growth throughout areas of the right of way. At MVP-GI-234, the Environmental Auditor evaluated visual locations within S-Q14 from the right of way where an environmental resource impact was observed by the EI that day. The Environmental Auditor observed the contractor staff conducting access road repairs and installing temporary ESC measures within the right of way limits above S-Q14 at the time of the evaluation. The Environmental Auditor communicated with the MVP Environmental staff and recommended an engineer review be conducted to develop redlines to implement enhanced ESC/SWM measures throughout the access road.

The Spread G Environmental inspection staff, Chief EI, and Environmental Auditor continue to monitor locations throughout the right of way and communicate/coordinate to repair/maintain and implement additional (enhanced) ESC/SWM measures as necessary. The Environmental Auditor continues to communicate with the LEI, EC, Chief EI, onsite EIs, and MVP Environmental staff on a regular basis. Discussions entail project feedback, technical support, and recommendations/guidance to maintain compliance with the ESC/SWM plans, SWPPP VSIRs, ODCP Inspection reports, and the AS&S.

The following Table G-1D provides a summary of the monthly total number of site evaluations conducted by the Environmental Auditor throughout the Q3 reporting period:

Environmental Auditor Field Observations: July 1, 2024 - September 30, 2024										
Month	Total Observations									
July 2024	19									
August 2024	13									
September 2024	26									

Table G-1D

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 G Environmental inspection staff, contractor Environmental staff, Chief EI, and the MVP Environmental staff and has concluded the following for the Spread G 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; however, the following issues occurred:
 - Failure to maintain ESC measures during the removal of a temporary bridge crossing resulting in an environmental resource impact on 7/5/2024 following a storm event;
 - An off right of way impact occurred 7/12/2024 while the contractor was filling in an end sump with no perimeter controls;
 - Six off right of way impacts occurred on 7/18/2024 due to improperly installed waterbars;
 - Soil binders hydraulically applied within 100 feet of stream crossings at S-MM18 west of MVP-GI-253.02 and S-NN12 west of MVP-GI-256.02 on 9/13/2024; 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 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 Q3 reporting period. The Environmental Auditor continues to recommend continued monitoring and communication between the Spread G Environmental inspection staff and the contractor Environmental staff to ensure ESC measures are properly installed/functional and enhanced where necessary to maintain compliance with the approved ESC Plans and Annual Standards and Specifications.

As the VADEQ is aware, there are several previous instances noted in the Q4 2019 through Q2 2024 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. MOUNTAIN VALLEY PIPELINE

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SPREAD

ENVIRONMENTAL AUDITOR PARTIAL BI-WEEKLY REPORT - 6/30/2024 through 7/7/2024 (BEGINNING OF Q3 2024 REPORTING PERIOD)

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

Report Period Ending: 7/7/2024

Report Prepared By: Joe Crea

								SUMMARY	OF FINDINGS		
Total Number of SWPPP I	nspections: 13 conducted from 7	7/1/2024 through 7	7/7/2024 (includes LY-0	026): Holiday on	7/4/2024						
Total Number of Environn	nental Inspector (EI) Erosion and	Sediment Control	(ESC) Observations fro	om 7/1/2024 thr	ough 7/7/2024 (Include	s Carry Over Items from	n 6/30/2024): 143				
Total Number of ODCP Ins	spections at Laydown Yard 026:	6 (7/1/2024 throug	h 7/3/2024 and 7/5/2	024 through 7/7	/2024): Holiday on 7/4/	/2024					
Total Number of VA DEQ	Observations from 7/1/2024 thre	ough 7/7/2024: 0									
(upstream of right of way) west of Mt. Tabo	r Road. On 7/5/2024,	a strong thunde	rstorm event with inter	vals of high intensity/sh	nort duration rainfall cause	d ESC measures to become ove	erwhelmed resulting in	n the environmental i	acted S-EF65 as a result of a "very serious thunderstorm" on 7/5/2024". On 7/6/20 resource impacts. The VADEQ was immediately notified, landowner approval gran 224.
Total Number of Right of	Way Impacts Caused by Third Pa	rties: 0									
Total Number of Right of	Way Impacts Caused by Weathe	r Related Damage	damage to ESC measu	ires caused by fa	allen debris): 0						
repaired/maintained, grav landowner access granted (included the JNF). On 7/ of way, extension request further discussion.	vel removed, and the impacted a d, ESC and SWM measures repain 5/2024, storm events with high i ts were approved by the VADEQ	area stabilized. No red/maintained, se intensity/short dur for the remaining o	environmental resour diment removed, and ation rainfall produced off 15 right of way imp	ces were impact the area stabiliz d approximately act locations; ho	ted. 2. On 7/1/2024, the ed. No environmental r 1.1-1.85 inches in 0.5 h owever, ESC measures w	E El identified an off rigl esources were impacte ours causing ESC and SV rere repaired/maintaine	ht of way sediment impact d. Refer to Environmenta WM measures to become o ed in the interim. It should	east of Kow Camp Road #1 as a I Inspector Observations and E overwhelmed. The VADEQ/USF be noted that two of the off ri	a result of the storm e invironmental Audito S were immediately r ght of way impacts su	vent on 6/29/2024. r Field Observations notified, landowner ac bsequently resulted i	ely 0.9 inches of rainfall in 1.5 hours causing ESC measures to become overwhelm The storm event produced approximately 1.1 inches of rainfall in 1.5 hours causing and Recommendations for further discussion. 3-19. On 7/6/2024, the EIs observe ccess granted, ESC and SWM measures repaired/maintained, sediment removed, a n environmental resource impacts at S-A32, S-EF65, and public road impacts at Kor and a SEEEE usert of Mount Tabor Road. "It chould be noted ap additional impacts at Section 2.5 and the section 2.5 and t
MVP Punchlist. On 7/5/20 MVP Punchlist) was imme	024, strong thunderstorms with	high intensity/shou and received an ext	rt duration rainfall pro	duced approxim val due to wet co	ately 1.1-1.85 inches of onditions and the extent	rainfall in 0.5 hours cau of the impacted area.	ising ESC and SWM measu A Courtesy Notice of Force	res to become overwhelmed. T e Majeure Declaration will be s	The VADEQ/USFS were ubmitted to the VADE	e immediately notifie Q by the MVP Enviro	J, and S-EF65 west of Mount Tabor Road. *It should be noted an additional impact d, ESC and SWM measures repaired/maintained, sediment removed, and impacted mmental staff due to the magnitude of the storm event. On 7/6/2024, an Agency C nclusions for further discussion.
Total Number of ESC Mea	sures in Need of Routine Mainte	enance Not Mainta	ined Within Timefram	es Required by N	/IVP's Annual Standards	and Specifications or as	s Otherwise Provided in th	e Consent Decree: 0			
Based on the Environmer	ntal Auditor's observations, the	resources availabl	e and deployed in the	field, including	environmental inspecto	ors and the construction	n contractor, were sufficie	ent to regularly and consistentl	y repair ineffective B	MP measures in a tin	nely manner from 7/1/2024 through 7/7/2024.
		.			.			CARRY OVER ITEI	MS FROM 6/30/2024		
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS		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	SUMM/
11/12/2023		1		1			1	1 on 11/12/2023 Extended indefinitely until landowner permission has been granted			One item has been extended indefinitely via VADEQ approval until landowner per
11/22/2023	0.9"-2.0" - 14 Hours *Rainfall occurred on 11/21/2023	2		2			2	2 on 11/22/2023 Extended indefinitely until landowner permission has been granted			Two items have been extended indefinitely via VADEQ approval until landowner p
4/12/2024	0.6"-2.7" - 6 Hours *Storm event with intervals of high intensity/short duration	3		3				3 on 4/12/2024 Extended indefinitely until			Three items identified by the EIs as off right of way impacts within upland location

6/2024, the EIs observed two off right of way sediment impacts at separate locations within S-EF65 granted, and sediment removed at the upstream location within the required timeframe. Due to the

elmed. The VADEQ was immediately notified, landowner access granted, ESC measures sing ESC and SWM measures to become overwhelmed. The VADEQ was immediately notified, erved 17 off right of way sediment impacts within upland areas in Giles and Montgomery Counties ed, and the areas stabilized at two locations. Due to wet/saturated conditions throughout the right Kow Camp Road #1 and Mt. Tabor Road). Refer to Environmental Inspector Observations for

pact at a different location occurred at S-EF65; however, this location was not reported in the daily cted areas stabilized at 5 of the streams. One of the locations at S-EF65 (not provided in the daily cy Compliance Form (Noncompliance Report #958) was submitted by the EI due to the contractor

IMARY OF OBSERVATIONS

permission is granted.

er permission is granted.

ations have been extended indefinitely via VADEQ approval until landowner permission is granted.

								ENVIRONMENTAL INS	PECTOR OBSERVATIO	ONS	
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	SUMM
7/1/2024	0.0"-1.1" - 1.5 Hours *Scattered storms with intervals of high intensity/short duration rainfall occurred on 6/29/2024	5		2			5 (Includes off right of way impacts)		5 on 7/2/2024		Five items were identified requiring ESC repair/maintenance and completed with Two of the identified items were off right of way impacts up to 15 feet within upl. 6/29/2024, storm events caused ESC measures to become overwhelmed resultin notified, landowner access granted, ESC measures repaired/enhanced, gravel ren immediately notified, landowner access granted, ESC measures repaired/enhancer required timeframe. No environmental resources were impacted. The Els submi 7/3/2024, the Environmental Auditor conducted evaluations at both locations. R
7/2/2024		2					2		1 on 7/3/2024	1 on 7/3/2024	Two items were identified requiring ESC repair/maintenance and completed with
7/5/2024	0.0"-0.4" - 1 Hour *Isolated strong storms occurred on late 7/4/2024	6					6		5 on 7/6/2024	1 on 7/6/2024	Six items were identified requiring ESC repair/maintenance and completed withir
7/6/2024	0.8"-1.85"5 Hours *Thunderstorms with high intensity/short duration rainfall occurred late on 7/5/2024	122	*6 (*1 additional impact at S-EF65 not reported in the daily MVP Punchlist)	17			122 (includes off right of way and environmental resource impacts)	17 on 7/7/2024 (24 Hours) to be completed on 7/10/2024 due to wet conditions	72 on 7/7/2024 (includes five environmental resource impacts and two right of way impacts)	26 on 7/7/2024	One hundred twenty-two items were identified requiring ESC, SWM, and Pollutio Seventeen of the following items were identified as off right of way impacts with Giles County: Three items were identified as off right of way impacts ranging approximately up subsequently resulted in an impact to Kow Camp Road #1 and an environmental i Montgomery County: Fourteen items were identified as off right of way impacts ranging approximately which traveled approximately 500 feet off right of way subsequently impacted S-Mt. Tabor Road. On 7/5/2024, strong thunderstorms with high intensity/short duration rainfall can otified, landowner access granted, sediment removed, and the ESC and SWM m have been approved by the VADEQ due to saturated conditions. The LEI and ELS ar 7/6/2024 and Problem Area Report #970) on 7/7/2024. The Environmental Audit *Six items were identified as environmental resource impacts within the daily MM west of Mount Tabor Road, S-IJ52 west of Mount Tabor Road, and S-EF65 west o Gaily MVP Punchlist but was reported to the VADEQ. On 7/5/2024, strong thunder Road and S-EF65 west of Augit will initiate site evaluations the week of 7/8/2024. On 7/6/2024, the LEI A Courtesy Notice of Force Majeure Declaration is being developed by the MVP E Report #958) due to the contractor not installing ESC measures on a portion of th Recommendations and Required Findings and Conclusions for further discussion.
7/7/2024		2					2				Two items were identified requiring ESC repair/maintenance and have three da
				-				VADEQ OF	BSERVATIONS		·
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT		RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMM
							-	LANDOWNER/THIRD PAP	RTY REPORTED COMP	LAINTS	
DATE OF OBSERVATION			NEAREST ROAD OF	R FEATURE				TOTAL NUMBER OBSER	VATIONS		SUMM
7/5/2024	Mt. Tabor Road						1				A landowner complaint was observed on 7/5/2024 and filed with the VADEQ on 7 steep slopes" impacted S-EF65 as a result of a "very serious thunderstorm" on 7/5 locations within S-EF65 (upstream of right of way and downstream of right of way intensity/short duration rainfall caused ESC measures to become overwhelmed re landowner approval granted, and sediment removed at the upstream location wi downstream location, an extension request was approved by the VADEQ. Per the locations the week of 7/8/2024.

MARY OF OBSERVATIONS

within the required timeframe.

n upland areas at the MVP-GI-249 access road and east of Kow Camp Road #1, respectively. On ulting in off right of way gravel/sediment impacts. At MVP-GI-249, the VADEQ was immediately of removed, and the impact area stabilized. At the area east of Kow Camp Road #1, the VADEQ was nanced, sediment removed, the areas stabilized, and the ESC measures repaired/enhanced within the ubmitted Agency Compliance Forms (Problem Area Reports # 951 and # 952) on 7/1/2024. On s. Refer to Environmental Auditor Field Observations and Recommendations for further discussion.

vithin the required timeframe.

ithin the required timeframe.

ution Prevention repair/maintenance and 98 were completed within the required timeframe. within upland areas in Giles and Montgomery Counties:

y up to 75 feet within upland areas. It should be noted that one of the off right of way impacts ntal resource impact at S-A32 below the road.

ately up to 500 feet within upland areas. It should be noted that one of the off right of way impacts ed S-EF65 west of Mt. Tabor Road. One off right of way impact subsequently resulted in an impact to

Il caused ESC and SWM measures to become overwhelmed. The VADEQ/USFS were immediately M measures repaired/enhanced at two locations. Extension requests for the remaining 15 locations Els submitted Agency Compliance Forms (Problem Area Reports #957, #961, #963, #964, and #965 on auditor will initiate site evaluations the week of 7/8/2024.

y MVP Punchlist at S-A32 west of Kow Camp Road #1, S-HH18 (JNF) east of Craig Creek Road, S-MN21 est of Mount Tabor Road. *It should be noted that an additional impact at S-EF65 was not listed in the understorms with high intensity/short duration rainfall caused ESC and SWM measures to become ved, and the ESC measures repaired/enhanced at five locations. An extension request for the en approved by the VADEQ due to approximately 1,000 feet of stream impacts. The Environmental LEI and EIs submitted Agency Compliance Forms (Problem Area Reports #959, #960, #962, and #968). VP Environmental staff. On 7/6/2024, the EI submitted an Agency Compliance Form (Noncompliance of the travel lane above S-IJ52. Refer to Environmental Auditor Field Observations and sion.

e three days to be completed within the required timeframe.

days to be completed within the required timeframe.

MARY OF OBSERVATIONS

MARY OF OBSERVATIONS

on 7/7/2024 (Pollution Investigation Report_IR #314589). The complainant alleged "sediment from n 7/5/2024". On 7/6/2024, the EIs observed two off right of way sediment impacts at separate f way) west of Mt. Tabor Road. On 7/5/2024, a strong thunderstorm event with intervals of high ed resulting in the environmental resource impacts. The VADEQ was immediately notified, in within the required timeframe. Due to the extent of sediment (approximately 1,000 feet) at the er the VADEQ website, formal Closure remains pending. The Environmental Auditor will evaluate both

			ENVIR	RONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS					
DATE OF OBSERVATION			OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS					
7/3/2024			tions at the following locations: MVP-GI-241.03 (CIS)/Access Road; MVP-GI-241.02 (CIS/GAS), Kow Camp Road (GAS)/Access Road, and MVP-GI-249.03 (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 and MVP Environmental staff regarding recommendations related to installing j-hooks along CFS on a slope and final grading concerns at natural draina The Environmental Auditor evaluated the locations where the EIs identified two off right of way impacts within upland areas at MVP-GI-249 (access roa causing ESC measures to become overwhelmed. At the time of the evaluation it appeared that the ESC measures were repaired/maintained, sediment recommendations related to proper sediment control installation per ESC Plan height requirements.					
7/1/2024 through	Spread G Project. The Environmental Auditor con On 7/5/2024, the El observed t	nmunicated with t	he daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the he LEI and EC regarding observations related to SWPPP VISR and ODCP inspection report documentation. oving the temporary bridge crossing at S-IJ52 west of Mt. Tabor Road and conducting grading activities within ESC measures were not installed within a disturbed portion of the travel lane directly above the stream. A	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends con findings, and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specificatic					
	strong thunderstorm occurred from the stream within the req The Environmental Auditor con	within this area re juired timeframe. nmunicated with a	Sulfing in an environmental resource impact. The VADEQ was immediately notified and the sediment removed The EI submitted an Agency Compliance Form (Noncompliance Report #958) on 7/6/2024. Il Spread LEIs on 7/2/2024 regarding the Partial Bi-Weekly reporting period ending on 7/7/2024. The EI 4 regarding the off right of way and environmental resource impacts observed on 7/6/2024.						
		1		REQUIRED FINDINGS AND CONCLUSIONS					
		Yes/No		If No, provide explanation and recommendation for corrective action (if any).					
Best management practice accordance with MVP's Ar Specifications and MVP's Plans?	nnual Standards and	Yes							
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?			On 7/5/2024, the El observed the contractor removing the temporary bridge crossing at S-IJ52 west of Mt. Tabor Road and conducting grading activities within the travel lane above the stream. However, ESC measures were not installed within a distur esulting in an environmental resource impact. The VADEQ was immediately notified and the sediment removed from the stream within the required timeframe. The El submitted an Agency Compliance Form (Noncompliance Report #958) on 7/6/202						
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes?									

on. The Environmental Auditor communicated with the LEI, Environmental Coordinator (EC), Chief EI, nage feature location. Daad) and east of Kow Camp Road #1 on 7/1/2024. Scattered storms occurred late on 6/29/2024 nt removed, and the impacted areas stabilized. The Environmental Auditor provided additional Intinued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist ions as required by the Virginia Erosion and Stormwater Management Act.

MOUNTAIN VALLEY PIPELINE SPREAD G ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 7/8/2024 through 7/21/2024

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

Report Period Ending: 7/21/2024

Report Prepared By: Joe Crea

								SUMMARY OF FINDINGS			
Total Number of SWPPP Ins	pections: 33 conducted from 7/8	3/2024 through 7/21	1/2024 (includes LY-02	26)							
Total Number of Environme	otal Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 7/8/2024 through 7/21/2024 (Includes Carry Over Items from 7/7/2024): 97										
Total Number of ODCP Insp	ections at Laydown Yard 026: 6 (7/8/2024 through 7	7/13/2024); 6 (7/1520)	24 through 7/20/2	.024)						
Total Number of VA DEQ Ob	oservations from 7/8/2024 throu	gh 7/21/2024: 1									
Total Number of Landowner	r/Third Party Reported Complain	its: 0									
	he VADEQ Pollution Investigation to the test of te		dated 7/11/2024 base	ed on a third party	/ complaint received by	the VADEQ on 5/30/2	024, the VADEQ cor	ncluded appropriate compliance actions completed and veri	ified by DEQ. Per the	Closure section of the	VADEQ Pollution Investigation Report #314589 dated
Total Number of Right of W	ay Impacts Caused by Third Parti	ies: 0									
Total Number of Right of W	ay Impacts Caused by Weather R	Related Damage (da	mage to ESC measure	s caused by fallen	debris): 0						
granted, ESC measures repa and the ESC measures repla high/intensity/short duratic a strong thunderstorm even	ired/enhanced, sediment removiced. Due to the minimal amoun n rainfall produced approximate	ved, and the area sta t of sediment, remo ely 0.8 inches of rain thes of rainfall in tw	abilized within the rec oval was not warrante nfall within 1.5 hours o	quired timeframe v d or practicable. T causing improperly	via an extension request he LEI submitted an Ag v installed waterbars to	approval. 2. On 7/12, ency Compliance Form become overwhelmed.	the EI observed the (Noncompliance Re The VADEQ was im	On 7/5/2024, strong storm events with intervals of high inten contractor crew filling in a sump pit with no perimeter sedir port #976) on 7/12/2024. 3-8 . On 7/18/2024, the El observe mediately notified, landowner access granted, ESC measures corrective action items have 24 hours to be completed with	ment controls installed d 6 off right of way see s repaired/enhanced, s	causing an off right o diment impacts throug sediment removed, an	f way sediment impact within an upland area west of N shout 800 feet of the right of way within upland areas v d the areas stabilized. 9-10. On 7/21/2024, the El obse
	ntal Resource Impacts: 1 (On 7/2 quired timeframe. The MVP Envi							nt with intervals of high intensity short duration rainfall prod ns for further discussion.	luced approximately 0.	7 inches of rainfall wit	hin two hours causing ESC measures to become overw
Total Number of ESC Measu	res in Need of Routine Maintena	ance Not Maintaine	d Within Timeframes	Required by MVP	s Annual Standards and	Specifications or as Oth	nerwise Provided in	the Consent Decree: 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 7/8/2024 through 7/21/2024.											
								CARRY OVER ITEMS FROM 7/7/2024		-	
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	
11/12/2023		1		1			1	1 on 11/12/2023 Extended indefinitely until landowner permission has been granted			One item has been extended indefinitely via VADEQ a
11/22/2023	0.9"-2.0" - 14 Hours *Rainfall occurred on 11/21/2023	2		2			2	2 on 11/22/2023 Extended indefinitely until landowner permission has been granted			Two items have been extended indefinitely via VADE
4/12/2024	0.6"-2.7" - 6 Hours *Storm event with intervals of high intensity/short duration rainfall occurred late 4/11/2024	3		3			3	3 on 4/12/2024 Extended indefinitely until landowner permission has been granted			Three items identified by the EIs as off right of way ir landowner permission is granted.
7/6/2024	0.8"=1.85"5 Hours *Thunderstorms with high intensity/short duration rainfall occurred late on 7/5/2024	24	1	15			24 (includes off right of way and environmental resource impacts	17 on 7/7/2024 to be completed on 7/10/2024 due to wet conditions (ESC/SWM repairs and off right of way impacts) 2 of the above the above items received additional extensions for 7/12/2024 and 7/13/2024, respectively	2 on 7/8/2024 11 on 7/9/2024 4 on 7/10/2024	2 on 7/8/2024 4 on 7/9/2024 1 on 7/12/2024	Twenty-four items requiring ESC and SWM repair ma Seventeen of those items received extension request one environmental resource impact to S-EF65 were i intensity/short duration rainfall caused ESC and SWA due to saturated conditions and the extent of cleanu Force Majeure Declaration for S-A32, S-MN21, S-HH1 within the required timeframe via extension request

ated 7/11/2024 based on a third party complaint observed on 7/5/2024, the VADEQ concluded

SC measures to become overwhelmed. The VADEQ was immediately notified, landowner access of MVP-GI-234 within the JNF. The United States Forest Service (USFS) was immediately notified eas west of Steele Acres Road. From 7/17/2024 into early 7/18/2024, strong storm events with observed two off right of way impacts within upland areas west of MVP-MLV-AR-26. On 7/20/2024, ntal Inspector Observations, Environmental Auditor Field Observations and Recomme dations,

verwhelmed. The VADEQ was immediately notified and the corrective action items have 24 Hours to

SUMMARY OF OBSERVATIONS

EQ approval until landowner permission is granted.

ADEQ approval until landowner permission is granted.

ay impacts within upland locations have been extended indefinitely via VADEQ approval until

r maintenance were identified on 7/6/2024 and completed within the required timeframe. uest approvals from the VADEQ. Fifteen off right of way sediment impacts within upland areas and received and the value of the v HH18, and S-EF65. Two 24 hour items requiring ESC and SWM repair/maintenance were completed uest approvals.

								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	IMPACTS CAUSED BY	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	
7/8/2024		1		1			1 (off right of way impact)	1 on 7/9/2024 to be completed on 7/12/2024 due to wet conditions	1 on 7/10/2024		One item was identified requiring ESC repair/maint upland area west of Mt. Tabor Road. During a site impact within an upland area west of Mt. Tabor Ro The Environmental Auditor communicated this obs measures repaired/enhanced, sediment removed, environmental resources were impacted.
7/9/2024	0.0"-0.7"66 Hours *Isolated storm events with intervals of high intensity/short duration rainfall occurred on 7/8/2024	3					3			3 on 7/10/2024	Three items were identified requiring ESC and Pollu
7/10/2024		4					4		2 on 7/10/2024	2 on 7/10/2024	Four items were identified requiring ESC and Pollut
7/11/2024		7					7		5 on 7/12/2024	2 on 7/12/2024	Seven items were identified requiring ESC and Pollu
7/16/2024		8					8		8 on 7/17/2024		Eight items were identified requiring ESC and Pollut
7/17/2024	0.05"-0.35"5 Hours *Scattered strong storm events with intervals of high intensity/short duration rainfall occurred on 7/16/2024	4					4		4 on 7/18/2024		Four items were identified requiring ESC repair/ma
7/18/2024	0.45"-1.2" - 1.5 Hours *Scattered strong storm events with areas receiving high intensity/short duration rainfall occurred on late 7/17/2024 and 7/18/2024	20		6			20 (includes off right of way impacts)	1 on 7/19/2024 to be completed on 7/22/2024 due to wet conditions	13 on 7/18/2024 6 on 7/19/2024 (includes off right of way impacts)		Twenty items were identified requiring ESC repair/u identified as off right of way sediment impacts rang 7/17/2024 into early 7/18/2024, storm events with (temporary waterbars) to fail resulting in the off rig measures properly reinstalled/repaired, sediment r were impacted. An Agency Compliance Form (Non- received an extension request approval.
7/19/2024		3					3		3 on 7/20/2024		Three items were identified by the Environmental <i>i</i> required timeframe.
7/21/2024	0.2"-1.0" - 2 Hours *Storm events with areas receiving high intensity/short duration rainfall occurred on 7/20/2024	17	1	2			17 (includes environmental resource and off right of way impacts)				Seventeen items were identified requiring ESC repa and two of the items were off right of way sedimen storm event with intervals of high intensity/short d notified. These items have 24 hours to be complete #985) were submitted by the LEI on 7/21/2024. It s within the upland areas. The MVP Environmental s A total of 17 items have 24 hours (12) and three de
	•			1	•	•		VADEQ OBSERVATIONS		•	1
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	
7/17/2024	0.05"-0.35"5 Hours Scattered strong storm events with intervals of high intensity/short duration rainfall occurred on 7/16/2024	1					1			1 on 7/18/2024	One item was identified requiring ESC repair/maint
		•	•		-	-		LANDOWNER/THIRD PARTY REPORTED COMPLAIN	rs		
DATE OF OBSERVATION			NEAREST ROAD OF	R FEATURE				TOTAL NUMBER OBSERVATIONS			

SUMMARY OF OBSERVATIONS

aintenance and addressing an off right of way sediment impact approximately 30 feet within an ite evaluation, the Environmental Auditor observed what appeared to be an off right of way sediment Road. A heavy thunderstorm event on 7/5/2024 caused ESC measures to become overwhelmed. observation with the onsite EI. The VADEQ was immediately notified, landowner access granted, ESC ed, and the area stabilized within the required timeframe via an extension request approval. No

ollution Prevention repair/maintenance and completed within the required timeframe.

lution Prevention repair/maintenance and completed within the required timeframe.

ollution Prevention repair/maintenance and completed within the required timeframe.

llution Prevention repair/maintenance and completed within the required timeframe.

maintenance and completed within the required timeframe.

air/maintenance and 19 were completed within the required timeframe. Six of the items were anging approximately 10 feet to 75 feet within upland locations west of Steele Acres Road. From with intervals of high intensity/short duration rainfall caused improperly installed ESC measures fright of way impacts. The VADEQ was immediately notified, landowner access granted, ESC nt removed, and the areas stabilized within the required timeframe. No environmental resources loncompliance Report #977) was submitted by the LEI on 7/18/2024. **One of the identified items**

tal Auditor requiring ESC and Pollution Prevention repair/maintenance and completed within the

repair/maintenance. One of the items was identified as an environmental resource impact at S-MN21 ment impacts approximately 20 feet within upland areas west of MVP-MLV-AR-26. On 7/20/2024, a rt duration rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately oleted within the required timeframe. Agency Compliance Forms (Problem Area Reports #983 and It should be noted that no environmental resources were impacted from the off right of way impacts tal staff is preparing a Courtesy Notice of Force Majeure Declaration.

SUMMARY OF OBSERVATIONS

intenance and completed within the required timeframe.

SUMMARY OF OBSERVATIONS

			ENIX	IRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS
DATE OF OBSERVATION			OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS
	The Environmental Auditor con	ducted site evaluati	ons at MVP-MLV-AR-26 (CIS/GAS) and MVP-MN-258.04 (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 and MVP Environmental staff regarding observations and recommendations related to off right of way impacts observed west of Mt. Tabor Road, installing a within 24 hours of a forecasted rain event. The Environmental Auditor conducted evaluations west of Mt. Tabor Road where environmental resource impacts to S-EF65 and S-IJ52 occurred on 7/5/202 Road) in upland areas, S-IJ52, and one upstream location at S-EF65 was removed, ESC measures repaired/enhanced, and the locations stabilized. The contra evaluation. The Environmental Auditor conducted evaluations east of Craig Creek Road/MVP-MN-258.04 where off right of way sediment impacts and envir event. The Environmental Auditor observed the sediment removed from S-HH18 and the contractor was initiating off right of way sediment removal at the top and the sediment removal at the top and the contractor was initiating off right of way sediment removal at the top and the sediment removal from S-HH18 and the contractor was initiating off right of way sediment removal at the top and the sediment removal at the top and the sediment removal at the sediment removal from S-HH18 and the sediment removal at the sediment removal sediment removal sediment removal at the sediment removal sediment removal at the
			ons at the following locations: Norcross Road (CIS), MVP-GI-238.01 (CIS/GAS), MVP-LY-29, MVP-MLV-AR- Road (CIS/GAS), and Kow Camp Road #1 (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. The regarding observations and recommendations related to a potential diesel spill, installing SSB and cross culvert inlet protection within an access road ditch, measures above a temporary bridge crossing as the current measures are ineffective per Section 3.2 of the Annual Standards and Specifications (AS&S). The Environmental Auditor conducted evaluations east and west of Kow Camp Road #1 where an environmental resource impacts to S-A32 and off right of war 7/5/2024 as a result of a strong thunderstorm event. The Environmental Auditor observed the off right of way sediment in the upland areas (including Kow
7/8/2024 through 7/21/2024	the Spread G Project. The Environmental Auditor com On 7/12/2024, the El observed impact within an upland area w replaced. Due to the minimal a (Noncompliance Report #976) c Upon further evaluation, the El resulting in the off right of way The Environmental Auditor com Environmental Auditor provider	municated with the the contractor crew est of MVP-GI-234 v mount of sediment, n 7/12/2024. On 7, observed improper impacts. The LEI su municated with all d continued recomn	daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for LEI and EC regarding observations related to SWPPP VISR and ODCP Inspection report documentation. filling in a sump pit with no perimeter sediment controls installed causing an off right of way sediment ithin the JNF. The United States Forest Service (USFS) was immediately notified and the ESC measures removal was not warranted or practicable. The LEI submitted an Agency Compliance Form 18/2024, the EI observed 6 off right of way impacts within upland areas west of Steele Acres Road. y installed waterbars causing sediment to overtop and undermine perimeter ESC measures subsequently unitted an Agency Compliance Form (Noncompliance Report #977) on 7/18/2024. Spread LEIs on 7/17/2024 regarding the Bi-Weekly reporting period ending on 7/21/2024. The uendations to install appropriate ESC measures when straw mulch is rendered ineffective per Section 3.2 duct QA/QC on SWPPP VSIRs to ensure documentation is accurate and thorough.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continue findings, and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as recommends communicating with the contractor staff related to proper ESC measures installation.
				REQUIRED FINDINGS AND CONCLUSIONS
		Yes/No		If No, provide explanation and recommendation for corrective action (if any).
accordance with MVP's Ann	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?			
The temporary erosion and are properly installed, inspe	sediment control measures ected, and maintained?	No	sediment, removal was not warranted or practicable. The LEI submitted an Agency Compliance Form (No	ntrols installed causing an off right of way sediment impact within an upland area west of MVP-GI-234 within the JNF. The United States Forest Service (USFS oncompliance Report #976) on 7/12/2024. ad. Upon further evaluation, the EI observed improperly installed waterbars causing sediment to overtop and undermine perimeter ESC measures subsequen
Measures are repaired and	rosion and Sediment Control ESC Measures in Need of naintained within the required	Yes		

The Environmental Auditor communicated with the LEI, Environmental Coordinator (EC), Chief EI, ing a higher grade soil stabilization blanket (SSB) on steep slopes, and not applying hydraulic mulch

/2024 as a result of a strong thunderstorm event. The off right of way sediment (including Mt. Tabor ontractor staff was observed removing sediment from the second location at S-EF65 at the time of the environmental resource impact at S-HH18 occurred on 7/5/2024 as a result of a strong thunderstorm the upland locations. The ESC/SWM measures appeared to be repaired at the time of the evaluation.

The Environmental Auditor communicated with the LEI, EC, Chief EI, and MVP Environmental staff tch, Pollution Prevention concerns related to trash on the right of way, and installing appropriate ESC

of way impacts within an upland area resulting in impacts to Kow Camp Road and S-A32 occurred on Kow Camp Road) and S-A32 removed, ESC measures repaired/replaced, and the areas stabilized.

inued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist is as required by the Virginia Erosion and Stormwater Management Act. The Environmental Auditor

JSFS) was immediately notified and the ESC measures replaced. Due to the minimal amount of

uently resulting in the off right of way impacts. The LEI submitted an Agency Compliance Form

661 Andersen Drive, Suite 200, Pittsburgh PA 15220

Report Period Ending: 8/4/2024

Report Prepared By: Joe Crea

	SUMMARY OF FINDINGS
Total Number of SWPPP Inspections: 41 conducted from 7/22/2024 through 8/4/2024 (includes LY-026)	
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 7/22/2024 through 8/4/2024 (Includes Carry Over Items from 7/21/2024): 214	
Total Number of ODCP Inspections at Laydown Yard 026: 7 (7/22/2024 through 7/28/2024); 6 (7/29/2024 through 8/3/2024)	
Total Number of VA DEQ Observations from 7/22/2024 through 8/4/2024: 0	
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 (damage to ESC measures caused by fallen debris): 0	

Total Number of Off Right of Way Impacts: **8** (**1**. On 7/22/2024, the EI observed an off right of way sediment impact within upland an area west of Cascade Drive. On 7/21/2024, a precipitation event coupled with existing saturated conditions produced approximately 0.5 inches of rainfall within 2 hours causing a slope to slough due to concentrated flow from permanent waterbar end treatments resulting in ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures temporarily repaired/enhanced, sediment removed, and the impacted area stabilized. No environmental resources were impacted 1. On 7/23/2024, the EIs observed 5 off right of way impacts within upland areas east of Steele Acres Road (4) and west of Collins Drive (1). On 7/22/2024 into early 7/23/2024, storm events with high intensity/short duration rainfall produced approximately 1.7 inches of rainfall in two hours. These storm events coupled with existing saturated conditions caused ESC measures to become overwhelmed due to concentrated runoff from the permanent waterbar end treatments. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment removed, and the areas stabilized within the areas stabilized within the areas store overwhelmed due to concentrated runoff from the permanent waterbar end treatments. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment removed, and the areas stabilized within the areas store overwhelmed flow for mey impacts. **17** On 7/23/2024, storm events with high intensity/short duration rainfall produced approximately 1.7 inches of rainfall in two hours. **7.8** On 7/24/2024, the EIs observed two off right of way impacts within upland areas at the MVP-GI-256.02. On 7/23/2024, storm events with high intensity/short duration rainfall produced approximately 1.7 inches of rainfall in two hours. These storm events outpled with existing saturated conditions caused ESC measures to become over

Total Number of Environmental Resource Impacts: **3** (1-2. On 7/23/2024, the El observed an environmental resource impacts at S-IJ19/S-IJ18 at the MVP-GI-244 access road and S-MN21 west of Mt. Tabor Road. On 7/22/2024, storm events with high intensity/short duration rainfall produced approximately 1.25-1.7 inches of rainfall in two to five hours. These storm events coupled with existing saturated conditions caused ESC and SWM measures to become overwhelmed. The VADEQ was immediately notified, ESC and SWM measures repaired/enhanced, sediment removed, and the areas stabilized within the required timeframe. It should be noted that concentrated runoff from the permanent waterbar end treatments contributed to the S-MN21 impact. **3.** On 7/24/2024, the El observed an environmental resource impact at S-IJ16b east of MVP-GI-244. On 7/22/2024 and 7/23/2024, storm events with high intensity/short duration rainfall produced approximately 1.25-1.7 inches of rainfall in five hours. These storm events at S-IJ16b east of MVP-GI-244. On 7/22/2024, storm events with high intensity/short duration rainfall produced approximately 1.25-1.7 inches of rainfall in five hours. These storm events at S-IJ16b east of MVP-GI-244. On 7/22/2024, storm events with high intensity/short duration rainfall produced approximately 1.25-1.7 inches of rainfall in five hours. These storm events coupled with existing saturated conditions caused a slope to slough resulting in ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment removed, and the areas stabilized within the required timeframe). The MVP Environmental Inspector Observations and Environmental Inspector Observations and Environmental Auditor Field Observations and Environmental Auditor Field Observations and Environmental Inspector Observations and

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 7/22/2024 through 8/4/2024.

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	
11/12/2023		1		1			1	1 on 11/12/2023 Extended indefinitely until landowner permission has been granted			One item has been extended indefinitely via VADEQ approval
11/22/2023	0.9"-2.0" - 14 Hours *Rainfall occurred on 11/21/2023	2		2			2	2 on 11/22/2023 Extended indefinitely until landowner permission has been granted			Two items have been extended indefinitely via VADEQ approva
4/12/2024	0.6"-2.7" - 6 Hours *Storm event with intervals of high intensity/short duration rainfall occurred late 4/11/2024	3		3			3	3 on 4/12/2024 Extended indefinitely until landowner permission has been granted			Three items identified by the EIs as off right of way impacts wi permission is granted.
7/18/2024	0.45"-1.2" - 1.5 Hours *Scattered strong storm events with areas receiving high intensity/short duration rainfall occurred on late 7/17/2024 and 7/18/2024	1					1	1 on 7/19/2024 to be completed on 7/22/2024 due to wet conditions	1 on 7/22/2024		One item was identified requiring ESC repair/maintenance and
7/21/2024	0.2"-1.0" - 2 Hours *Storm events with areas receiving high intensity/short duration rainfall occurred on 7/20/2024	17	1	2			17 (includes off right of way and environmental resource impacts		15 on 7/22/2024		Seventeen items were identified requiring ESC repair/maintenar resource impact at S-MN21 and two of the items were identifie Road. On 7/20/2024, a storm event with intervals of high inter environmental resource and off right of way impacts. The VAD removed, and the areas stabilized within the required timefran 7/21/2024. The MVP Environmental staff submitted a Courtes 7/23/2024 and 7/28/2024, respectively. It should be noted that areas.

SUMMARY OF OBSERVATIONS

val until landowner permission is granted.

roval until landowner permission is granted.

s within upland locations have been extended indefinitely via VADEQ and the USFS until landowner

and completed within the required timeframe via an extension request approval.

tenance and completed within the required timeframe. One item was identified as an environmental tified as off right of way sediment impacts approximately 20 feet within upland areas west of Mt. Tabor ntensity/short duration rainfall caused ESC measures to become overwhelmed resulting in the VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment frame. The LEI submitted Agency Compliance Forms (Problem Area Reports #983 and #985) on resy Notice of Force Majeure Declaration and Final Notice of Force Majeure Declaration for S-MN21 on I that no environmental resources were impacted from the off right of way impacts within the upland

			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						
7/22/2024		24		1			24 (includes off right of way impact)	,	23 on 7/23/2024	1 on 7/23/2024	Twenty-four items were identified requiring ESC repair/maint sediment impact traveling approximately 200 linear feet up to 7/20/2024, storm events with intervals of high intensity/shor overwhelmed. The VADEQ was immediately notified, landow stabilized within the required timeframe. No environmental contributed to the impact. The LEI submitted Agency Complia					
7/23/2024	0.2"-1.7" - 2 Hours *Storm events with areas of high intensity/short duration rainfall occurred on 7/22/2024	54	2	5			54 (includes off right of way and environmental resource impacts)	6 on 7/24/2024 to be completed on 7/27/2024 due to wet conditions	35 on 7/24/2024 6 on 7/25/2024	11 on 7/24/2024 1 on 7/25/2024 1 on 7/26/2024	Fifty-four items were identified requiring ESC and Pollution Pr off right of way sediment impacts west of Steele Acres Road/ with intervals of high intensity/short duration rainfall coupled immediately notified, landowner access granted, ESC measure The LEI submitted an Agency Compliance Form (Problem Area Two of the identified items were environmental resource imp Road. On 7/22/2024 and 7/23/2024, storm events with inter- measures to become overwhelmed. At S-JI19/S-JI18, approxi The VADEQ was immediately notified, landowner access gran On 7/24/2024, the Environmental Auditor conducted a site ev the straw mulch is not an effective measure per Section 3.2 o waterbar end treatments contributed to the stream impact. ⁻ areas stabilized within the required timeframe. The LEI subm Environmental staff submitted a Courtesy Notice of Force Ma 8/2/2024, respectively.					
7/24/2024	0.2"-0.55" - 3 Hours *Storm events occurred on 7/23/2024	65	1	2			65 (includes off right of way and environmental resource impacts)		32 on 7/25/2024	26 on 7/25/2024 5 on 7/26/2024 2 on 7/27/2024	Sixty-five items were identified requiring ESC and Pollution Pr identified as off right of way sediment/gravel impacts at MVP storm events with intervals of high intensity/short duration ra VADEQ was immediately notified, landowner access granted, required timeframe. No environmental resources were impar MVP-GI-249. Upon verifying completion of the 24 Hour item Therefore, the LEI included this impact in the Agency Complia submitted for the off right of way impact at MVP-GI-256.02 of One item was identified as environmental resource impact at duration rainfall coupled with existing saturated conditions ca impacting approximately 100 feet of the stream off right of w repaired/enhanced, sediment removed, and the areas stabiliz treatments contributed to this impact. The LEI submitted an submitted a Final Notice of Force Majeure Declaration on 8/2					
7/25/2024		17					17		9 on 7/26/2024	5 on 7/26/2024 3 on 7/27/2024	Seventeen items were identified requiring ESC and SWM repa					
7/26/2024	0.1"-0.5" - 1 Hour *Storm events occurred on 7/25/2024	6					6		1 on 7/27/2024	5 on 7/27/2024	Six items were identified requiring ESC and Pollution Preventi					
7/29/2024		14					14		4 on 7/30/2024	10 on 7/30/2024	Fourteen items were identified requiring ESC and Pollution Pr					
7/30/2024	0.1"-0.2" - 2 Hours *Rainfall occurred on 7/29/2024	4					4		3 on 7/31/2024	1 on 7/31/2024	Four items were identified requiring ESC repair/maintenance					
7/31/2024	0.0"-0.25"66 Hours *Scattered showers occurred on 7/30/2024	3					3			3 on 8/1/2024	Three items were identified requiring ESC repair/maintenance					
8/2/2024		1					1			1 on 8/3/2024	One item was identified requiring ESC repair/maintenance an					
8/3/2024	0.2"-0.9" - 5 Hours *Rainfall occurred on 8/2/2024	2					2		2 on 8/3/2024		Two items were identified requiring ESC repair/maintenance					

SUMMARY OF OBSERVATIONS

naintenance and completed within the required timeframe. One item was identified as an off right of way up to 15 feet off right of way from the right of way within an upland area west of Cascade Drive. On short duration rainfall coupled with existing saturated conditions caused ESC measures to become downer access granted, ESC measures temporarily repaired/enhanced, sediment removed, and the area tal resources were impacted. It should be noted that runoff from the permanent waterbar end treatment: mpliance Report (Problem Area Report #986) on 7/22/2024.

on Prevention repair/maintenance and completed within the required timeframe. Five of the items were oad/MVP-GI-258.01 (4) and Collins Road (1) up to 50 feet within upland areas. On 7/22/2024, storm events upled with existing saturated conditions caused ESC measures to become overwhelmed. The VADEQ was saures repaired/enhanced, sediment removed, and the areas stabilized within the required timeframe. Area Report #997) on 7/23/2024. No environmental resources were impacted.

impacts at the confluence of S-IJ19/S-IJ18 at MVP-GI-244 (access road) and S-MN21 west of Mt. Tabor ntervals of high intensity/short duration rainfall coupled with existing saturated conditions caused ESC roximately 30 feet of the stream was impacted off right of way due to gravel washout on the access road. granted, the ESC measures were repaired/enhanced, sediment removed, and the impacted areas stabilized. te evaluation and recommended installing soil stabilization blanket (SSB) where the erosion originated as 1.2 of the Annual Standards and Specifications. At S-MN21, it appeared that runoff from permanent ct. The VADEQ was immediately notified, ESC measures repaired/enhanced, sediment removed, and the ubmitted Agency Compliance Reports (Problem Area Reports #998 and #999) on 7/23/2024. The MVP Wajeure Declaration and Final Notice of Force Majeure Declaration for S-IJ19/S-IJ18 on 7/28/2024 and

In Prevention repair/maintenance and completed within the required timeframe. Two items were MVP-GI-249 and west of MVP-GI-256.02 approximately up to 75 feet within upland areas. On 7/23/2024, on rainfall coupled with existing saturated conditions caused ESC measures to become overwhelmed. The ted, ESC measures repaired/enhanced, sediment removed, and the impacted areas stabilized within the mpacted. It should be noted that routine maintenance occurred in the 7/22/2024 daily MVP Punchlist for tem on 7/23/2024 the EI suspected an off right of way impact and communicated with survey to verify. ppliance Report (Problem Area Report #997) on 7/23/2024. A separate Problem Area Report #1006 was 20 on 7/24/2024. No environmental resources were impacted.

ct at S-IJ16b east of MVP-GI-244. On 7/23/2024, storm events with intervals of high intensity/short ns caused ESC measures to become overwhelmed resulting in the streambank to slough, subsequently of way. The VADEQ was immediately notified, landowner access granted, the ESC measures were abilized within the required timeframe. It should be noted that runoff from the permanent waterbar end 1 an Agency Compliance Report (Problem Area Report #1008) on 7/24/2024. The MVP Environmental staff 8/2/2024.

repair/maintenance and completed within the required timeframe.

ention repair/maintenance and completed within the required timeframe.

n Prevention repair/maintenance and completed within the required timeframe.

nce and completed within the required timeframe.

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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		
							LAN	DOWNER/THIRD PARTY REPOR	TED COMPLAINTS			
DATE OF OBSERVATION			NEAREST ROAD OR FEA	ATURE				TOTAL NUMBER OBS	ERVATIONS			
							ENVIRONMENTA	AL AUDITOR FIELD OBSERVATIO	NS AND RECOMMEND	ATIONS		
DATE OF OBSERVATION			OB	SERVATIONS							CONCLUSION AND RECOMMENDA	
7/24/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-244 (Access Road), MVP-GI-249 (CIS/GAS), and Steele Acres Road/MVP-GI-258.01 (CIS). The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-249 (Access Road), MVP-GI-249 (CIS/GAS), and Steele acres Road/MVP-GI-258.01 (CIS). The Environmental Auditor conducted evaluations at MVP-GI-244 where an environmental Auditor recommended install Acres Road/MVP-GI-258.01 (CIS). The Environmental Auditor conducted evaluations at MVP-GI-249 the Environmental Auditor conducted evaluations at the following locations: MVP-GI-249 (Access Road), MVP-GI-249 (CIS/GAS), and Steele access Road/MVP-GI-258.01 (CIS).											
7/22/2024 through 8/4/2024	The Environmental Auditor reviewed Project. The Environmental Auditor commun Auditor emphasized thoroughly docu inspections. The Environmental Auditor commun provided continued to recommend t SSB is properly installed per the ESC Spreads which resulted in exacerbat	icated with the LEI ar umenting locations in icated with all Sprear o installing SSB when Plan requirements. I	nd EC regarding observa a given SWPPP VSIR wh d LEIs on 7/31/2024 rega s straw mulch is rendere t should be noted that t	tions related to SN here off right of war arding the Bi-Wee d ineffective per S	WPPP VISR and Sedimer ay and/or environment kly reporting period envisection 3.2 of the Annua	on. The Environmental urred in between SWPPP Environmental Auditor cations and ensure the	Punchlist findings, and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual S Environmental Auditor recommends communicating proper ESC measures installation with the contractor.					
							REQUIRED FINDINGS AND CO	INCLUSIONS				
		Yes/No					If No,	provide explanation ar	nd recommendation for	corrective action (if any).		
	es for the Project are in accordance ards and Specifications and MVP's I Plans?	Yes										
The temporary erosion and properly installed, inspect	d sediment control measures are ed, and maintained?	Yes										
	Erosion and Sediment Control d ESC Measures in Need of Routine ned within the required	Yes										

SUMMARY OF OBSERVATIONS

SUMMARY OF OBSERVATIONS

ATIONS

e evaluation. The Environmental Auditor communicated with the LEI, Environmental Coordinator (EC), ires per Section 3.2 of the Annual Standards and Specifications in areas where it has become dislodged e stabilization crew immediately follow the grading crew to minimize the amount of open disturbed right of

s a result of a storm event on 7/22/2024. At the time of the evaluation it appears that the sediment was lization blanket in an upslope area where straw mulch became dislodged resulting in erosion and road and Steel Acres Road (CIs) where two off right of way impacts within upland areas occurred due to liment not removed at the time of the evaluation. The Environmental Auditor recommended properly diment removed, and the impacted areas stabilized. The Environmental Auditor recommended installing ed a large disturbed area of the right of way where final grading and SWM structures installation has been ilization crew to immediately conduct stabilization activities where final grading and SWM measures

ecommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP standards and Specifications as required by the Virginia Erosion and Stormwater Management Act. The MOUNTAIN VALLEY PIPELINE

SPREAD

ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 8/5/2024 through 8/18/2024

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

Report Period Ending: 8/18/2024

Report Prepared By: Joe Crea

Bas

	SUMMARY OF FINDINGS
Total Number of SWPPP Inspections: 41 conducted from 8/5/2024 through 8/18/2024 (includes LY-026)	
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 8/5/2024 through 8/18/2024 (Includes Carry Over Items from 8/4/2024): 68	
Total Number of ODCP Inspections at Laydown Yard 026: 7 (8/5/2024 through 8/11/2024); 6 (8/12/2024 through 8/17/2024)	
Total Number of VA DEQ. Observations from 8/5/2024 through 8/18/2024: 0	
Total Number of Landowner/Third Party Reported Complaints: 2 (1. A third party complaint was observed and filed with the VADEQ on 8/6/2024 (Pollution Investigation Report_IR #315130). The complaina submitted by the LEI on 8/8/2024, the contractor was using an unauthorized off site disposal site per an agreement with the landowner. The material was placed within an upland location, however, a stree along the base of the slope. A corrective action plan to implement additional measures will be submitted by the MVP contractor. Per the VADEQ website, formal Closure remains pending. 2. A third party of staff was conducting ESC measures maintenance/enhancements in preparation for the upcoming tropical storm). Per the Closure section of the IR on 8/12/2024, no compliance issues were observed.	m was impacted via landowner grading over a fill slope. Per MVP, the contractor was informed that no further disposal was permitted at this
Total Number of Right of Way Impacts Caused by Third Parties: 1 (livestock traffic)	
Total Number of Right of Way Impacts Caused by Weather Related Damage (damage to ESC measures caused by fallen debris): 0	
Total Number of Off Right of Way Impacts: 4 (1-4. On 8/9/2024, the Els observed off right of way sediment impacts within uplands areas east of Stevers Gap Trail (3) and west of Hendrickson Road (1). On 8 immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment removed, and the areas stabilized. No environmental resources were impacted). Refer to Environmental Insp	
Total Number of Environmental Resource Impacts: 1 (1. On 8/9/2024, the El observed an environmental resource impacts at S-IJ16b east of MVP-GI-245.01. On 8/8/2024, a storm event with intervals of hig slope/streambank above S-IJ16b to slough subsequently impacting the stream. It should be noted that based on the Environmental Auditor's evaluation the same day, it appeared that runoff from the pern completed within the required timeframe via an extension request approval. The MVP Environmental staff submitted a Courtesy Notice of Force Majeure Declaration on 8/14/2024. Refer to Environmental	anent waterbar end treatments contributed to this impact. The VADEQ was immediately notified, sediment removed, and temporary ESC mea

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 8/5/2024 through 8/18/2024.

								CARRY OVER ITEM	S FROM 8/4/2024		
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	SUMMA
11/12/2023		1		1			1	1 on 11/12/2023 Extended indefinitely until landowner permission has been granted			One item has been extended indefinitely via VADEQ approval until landowner pe
11/22/2023	0.9"-2.0" - 14 Hours *Rainfall occurred on 11/21/2023	2		2			2	2 on 11/22/2023 Extended indefinitely until landowner permission has been granted			Two items have been extended indefinitely via VADEQ approval until landowner
4/12/2024	0.6"-2.7" - 6 Hours *Storm event with intervals of high intensity/short duration rainfall occurred late 4/11/2024	3		3			3	3 on 4/12/2024 Extended indefinitely until landowner permission has been granted			Three items identified by the EIs as off right of way impacts within upland locatio granted.

								ENVIRONMENTAL INSP	CTOR OBSERVATION	s	
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	SUMMA
8/5/2024	0.0"-0.7" - 1 Hour *Isolated storms occurred on 8/3/2024	5					5		5 on 8/6/2024		Five items were identified requiring ESC and SWM repair/maintenance and compl
8/6/2024		2					2		2 on 8/7/2024		Two items were identified requiring ESC repair/maintenance and completed within the re-
8/9/2024	1.0"-2.5" - 14 Hours *Storm event with intervals of high intensity/short duration rainfall from Tropical Storm Debby occurred from 8/8/2024 into early 8/9/2024	37	1	4			37 (includes off right of way and environmental resource impacts)	1 on 8/9/2024 to be completed on 8/12/2024 (engineer review/redlines related to sloughing directly above S-IJ16b)	19 on 8/10/2024 1 on 8/16/2024 (extension request)	13 on 8/10/2024 4 on 8/11/2024	Thirty-seven items were identified requiring ESC and SWM repair/maintenance ar sediment impacts up to 40 feet within upland areas east of Stevers Gap Trail (3) ar intensity/short duration rainfall from Tropical Storm Debby caused ESC and SWM granted, ESC measures repaired/enhanced, sediment removed, and the areas stal (Problem Area Report #1020) on 8/9/2024. No environmental resources were implicated in the set of the set
8/13/2024		15				1	14		10 on 8/14/2024	5 on 8/14/2024	Fifteen items were identified requiring ESC repair/maintenance and completed w related to livestock traffic.
8/15/2024		2					2		2 on 8/16/2024		Two items were identified requiring ESC repair/maintenance and completed withi
8/16/2024		1					1			1 on 8/17/2024	One item was identified requiring ESC repair/maintenance and completed within

ite is being used by MVP ". Based on an Agency Compliance Form (Noncompliance Report #1018) this location. The contractor subsequently stabilized the fill slope and installed ESC measures /P was disturbing ground" "with heavy rain expected in this area". On 8/7/2024, the contractor

thes of rainfall within 14 hours causing ESC measures to become overwhelmed. The VADEQ was

aused ESC and SWM measures to become overwhelmed/damaged resulting in the C measures installed. Due to the sloughing, an engineering review was conducted and final repai

MARY OF OBSERVATIONS

permission is granted.

ner permission is granted.

ations have been extended indefinitely via VADEQ and the USFS until landowner permission is

MARY OF OBSERVATIONS

mpleted within the required timeframe.

e required timeframe.

e and completed within the required timeframe. Four items were identified as off right of way 3) and west of Hendrickson Road (1). On 8/8/2024, a storm event with intervals of high VM measures to become overwhelmed. The VADEQ was immediately notified, landowner access stabilized within the required timeframe. The LEI submitted an Agency Compliance Form i mpacted.

of MVP-GI-245.01. On 8/8/2024, a storm event with intervals of high intensity/short duration e overwhelmed resulting in the streambank sloughing into the stream. The VADEQ was iment removed from the stream channel. On 8/9/2024, the Environmental Auditor conducted a nt from the stream. It should be noted that runoff from the permanent waterbar end treatments oproved by the VADEQ as an engineering review was underway. On 8/16/2024, the slope was Sc measures installed. The LEI submitted an Agency Compliance Form (Problem Area Report ice of Force Majeure Declaration on 8/14/2024.

d within the required timeframe. One of the identified items was caused by third party impacts

vithin the required timeframe.

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER			1			VADEQ OBS	ERVATIONS	-					
DATE OF OBSERVATION		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	SUMMAR				
							I	LANDOWNER/THIRD PART		INTS					
DATE OF OBSERVATION	1		NEAREST ROAD OR	FEATURE				TOTAL NUMBER OBS	SERVATIONS		SUMMAR				
8/6/2024			163 Riverview Eggleston, V					A third party complaint was observed and filed with the VADEC soil in a fill area are threatening to impact a stream flowing int (Noncompliance Report #1018) submitted by the ELI on 8/8/2C should be noted that the contractor did not communicate the inspection staff. The material was placed within an upland loc: informed that no further disposal was permitted at this locatio corrective action plan to implement additional measures will b of way disposal site is not part of the MVP ESC/SWM plans and the VADEQ and Giles County to determine applicability of ESC/							
8/7/2024			Blue Grass Trail (Hig	hway 42)			A third party complaint was observed and filed with the VADEQ 1 ground" "with heavy rain expected in this area". On 8/7/2024, t								
								tropical storm (Debby). Per the Closure section of the IR on 8/12/202							
	-						ENVIRO	NMENTAL AUDITOR FIELD OBSI	ERVATIONS AND REC	OMMENDATIONS					
DATE OF OBSERVATION			OB	SERVATIONS							CONCLUSION AND RECOMMENDATIONS neasures appeared to be installed and functional at the time of the evaluation. The				
8/9/2024	The Environmental Auditor com 026, Big Branch Hollow Road (C						/GAS), MVP- LY-	and MVP Environmental staff regarding observations and recommendations related to hydraulic mulch and SSB installation not meeting the ESC Plan requ current SSB is note adequately functioning. The Environmental Auditor conducted an evaluation east of MVP-GI-244 where an environmental resource impact was observed by the EI at S-IJ16b as a r the contractor staff was in the process of removing the minimal soil deposited within the stream channel. Based on the evaluation, it appeared that the ex waterbar end treatments. The environmental auditor also observed the permanent waterbar above the stream was damaged due to the excess runoff. T will be conducting a site investigation on 8/10/2024 to to review the area where sloughing occurred on the streambank.							
8/5/2024 through 8/18/2024	Spread G Project. The Environmental Auditor com On 8/6/2024, the MVP contract the contractor within an upland further disposal was permitted corrective action plan to implen inspection staff was not inform Agency Compliance Form (Nonc The Environmental Auditor com Auditor provided recommendat SSB is not functional due to high	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 G Project. The Environmental Auditor communicated with the LEI and Environmental Coordinator EC regarding observations related to SWPPP VISR documentation. On 8/6/2024, the MVP contractor was using an unauthorized off site rock/soil disposal site per an agreement with the landowner. The material was placed by the contractor within an upland location; however, a stream was impacted via landowner grading over a fill slope. Per MVP, the contractor was informed that the Spread G Environmental further disposal was permitted at this location. The contractor subsequently stabilized the fill slope and installed ESC measures along the base of the slope. A corrective action plan to implement additional measures will be submitted by the MVP contractor. It should be noted that the Spread G Environmental agency Compliance Form (Noncompliance Report #1018) on 8/8/2024. The LEI submitted an Agency Compliance Form (Noncompliance Report #1018) on step slopes, streambanks, and below permanent waterbar end treatments where the current SSB is not functional due to higher flows. The Environmental Auditor also recommended conducting QA/QC on SWPPP VSIRs prior to submitting the documents SSB is not functional due to higher flows. The Environmental Auditor also recommended conducting QA/QC on SWPPP VSIRs prior to submitting the documents where the current SSB is not functional due to higher flows. The Environmental Auditor also recommended conducting QA/QC on SWPPP VSIRs prior to submitting the documents where the current SSB is not functional due to higher flows. The Environmental Auditor also recommended conducting QA/QC on SWPPP VSIRs prior to submitting the documents to ensure all Sections are complete and consistent with the daily MVP Punchlist.													
								REQUIRED FINDINGS	AND CONCLUSIONS						
		Yes/No						If No, provide explanation and recommendation for corrective action (if any).							
accordance with MVP's A	ces for the Project are in Annual Standards and s Site Specific ESC and SWM	YES													
	nd sediment control measures spected, and maintained?	Yes													
Measures are repaired an	y Erosion and Sediment Control nd ESC Measures in Need of e maintained within the required	Yes													

MARY OF OBSERVATIONS

MARY OF OBSERVATIONS

(Pollution Investigation Report_IR #315130). The complainant alleged "boulders and unstabilized rr "and "believers the site is being used by MVP ". Based on an Agency Compliance Form ctor was using an unauthorized off site disposal site per an agreement with the landowner. It h the landowner and the off right of way disposal location with the Spread G Environmental r, a stream was impacted via landowner grading over a fill slope. Per MVP, the contractor was ctor subsequently stabilized the fill slope and installed ESC measures along the base of the slope. A y the MVP contractor. Per the VADEQ website, the VADEQ informed the complainant the off right complaint to the Giles County for local program review. Further coordination is underway between ons and responsibility for the disposal site. Formal Closure remains pending.

(Pollution Investigation Report_IR #315007). The complainant alleged "MVP was disturbing r staff was conducting ESC measures maintenance/enhancements in preparation for the upcoming impliance issues were observed.

The Environmental Auditor communicated with the LEI, Environmental Coordinator (EC), Chief EI, uirements, stabilizing a disturbed access road ditch, and installing a higher grade SSB where the

result of a storm event from Tropical Storm Debby on 8/8/2024. At the time of the evaluation, east slope above the stream sloughed caused by concentrated runoff from the permanent Temporary ESC measures and permanent waterbar repair are slated to be addressed. A Geotech

nued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist s as required by the Virginia Erosion and Stormwater Management Act.

MOUNTAIN VALLEY PIPELINE SPREAD G

ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 8/19/2024 through 9/1/2024

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

Report Period Ending: 9/1/2024

Report Prepared By: Joe Crea

	SUMMARY OF FINDINGS
Total Number of SWPPP Inspections: 43 conducted from 8/19/2024 through 9/1/2024 (includes LY-026)	
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 8/19/2024 through 9/1/2024 (Includes Carry Over Items from 8/18/2024): 136	
Total Number of ODCP Inspections at Laydown Yard 026: 7 (8/19/2024 through 8/25/2024); 6 (8/26/2024 through 8/31/2024)	
Total Number of VA DEQ Observations from 8/19/2024 through 9/1/2024: 1	
Total Number of Landowner/Third Party Reported Complaints: 0	
Total Number of Right of Way Impacts Caused by Third Parties: 3 (agricultural traffic and mowing activities)	
Total Number of Right of Way Impacts Caused by Weather Related Damage (damage to ESC measures caused by fallen debris): 0	
Total Number of Off Right of Way Impacts: 47 (1-3. On 8/19/2024, the EIs observed three off right of way sediment impacts (within 100 feet of each other) within upland areas west of MVP-GI-234. On 8/19/2024, the EIs observed three off right of way sediment impacts (within 100 feet of each other) within upland areas west of MVP-GI-234. On 8/19/2024, the EIs observed three off right of way sediment impacts (within 100 feet of each other) within upland areas west of MVP-GI-234.	

Total Number of Off Right of Way Impacts: 47 (1-3. On 8/19/2024, the EIs observed three off right of way sediment impacts (within 100 feet of each other) within upland areas west of MVP-GI-234. On 8/17/2024, a storm event with high intensity/short duration rainfall produced approximately 0.4 inches of rainfall within .25 hours causing ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment removed, and the impacted areas stabilized within the required timeframe via an extension request approval. No environmental resources were impacted. **4-10.** On 8/30/2024, the EIs observed 7 off right of way sediment impacts east of Gravely Hill Road (6) and east of MVP-GI-238.01 (1). On 8/29/2024, a strong storm event with high intensity/short duration rainfall produced approximately 0.6 inches or rainfall within one hour causing ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment removed, and the impacts east of Gravely Hill Road (6) and east of MVP-GI-238.01 (1). On 8/29/2024, the EIs observed 7 off right of way sediment impacts east of Gravely Hill Road (6) and east of MVP-GI-238.01 (1). On 8/29/2024, a strong storm event with high intensity/short duration rainfall produced approximately 0.6 inches or rainfall within one hour causing ESC measures repaired/enhanced, sediment removed, and the impacts extension request stabilized within the required timeframe. No environmental resources were impacted. **11-47.** On 9/1/2024, the EIs identified 37 off right of way sediment impacts within upland areas through areas through one hour causing ESC and SWM measures to become overwhelmed. The VADEQ was immediately notified and the items have 24 hours to be completed within the required timeframe. It should be noted that four of the locations resulted in environmental resource impacts). **Refer to Environmental Inspector Observations for further discussion**.

Total Number of Environmental Resource Impacts: **5 (1**. On 8/30/2024, the El observed an environmental resource impact at S-P6 west of Norcross Road. On late 8/29/2024 a thunderstorm with high intensity/short duration rainfall produced approximately 0.6 inches of rainfall in one hour causing ESC measures to become overwhelmed via concentrated runoff from permanent waterbar end treatments subsequently impacting approximately 0.6 inches of rainfall in one hour causing ESC measures to become overwhelmed via concentrated runoff from permanent waterbar end treatments subsequently impacting approximately 50 feet of the stream. The VADEQ was immediately notified, landowner access granted, sediment removed, and the ESC/SWM measures repaired/maintained. The MVP Environmental resource impacts at S-P6 east of Gravely Hill Road, S-MN18 east of Seven Oaks Road/MVP-GI-253.02, and S-NN11 west of Old Furnace Road/MVP-GI-256.02. On 8/31/2024, strong storm events with high intensity/short duration rainfall produced approximately 20 feet of the stream was impacted. At S-MM18, approximately 1.1-1.2 inches of rainfall in one hour causing ESC measures to become overwhelmed. At S-P6, approximately 20 feet of the stream was impacted. At S-NN12, approximately 300 feet of the stream was impacted. At S-MM18, approximately 25 feet of the stream was impacted. At S-NN12, approximately 300 feet of the stream was impacted. The VADEQ was immediately notified by the LEI and MVP Environmental staff is in the process of preparing a Courtesy Notice of Force Majeure Declaration. These items have 24 hours to be completed within the required timeframe). **Refer to Environmental Inspector Observations for further discussion**.

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 8/19/2024 through 9/1/2024.

								CARRY OVER ITEM	IS FROM 8/18/2024		
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	SUM
11/12/2023		1		1			1	1 on 11/12/2023 Extended indefinitely until landowner permission has been granted			One item has been extended indefinitely via VADEQ approval until landowner
11/22/2023	0.9"-2.0" - 14 Hours *Rainfall occurred on 11/21/2023	2		2			2	2 on 11/22/2023 Extended indefinitely until landowner permission has been granted			Two items have been extended indefinitely via VADEQ approval until landowr
4/12/2024	0.6"-2.7" - 6 Hours *Storm event with intervals of high intensity/short duration rainfall occurred late 4/11/2024	3		3			3	3 on 4/12/2024 Extended indefinitely until landowner permission has been granted			Three items have been extended indefinitely via VADEQ approval until landov
							•	ENVIRONMENTAL INSP	ECTOR OBSERVATION	S	·
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	SUM
8/19/2024	0.0"-0.2" - 2 Hours *Isolated storm event occurred on 8/17/2024	7		3			7 (includes off right of way impacts)	3 on 8/20/2024 to be completed upon landowner permission (includes off right of way impacts)	4 on 8/20/2024 3 on 8/23/2024 (extension request)		Seven items were identified requiring ESC and SWM repair/maintenance and sediment impacts up to 15 feet within upland areas west of MVP-AR-234. On become overwhelmed. The VADEQ was immediately notified, landowner acc the required timeframe via an extension request approval. The LEI submitted resources were impacted.
8/20/2024	0.0"-0.4" - 1 Hour *Scattered rainfall occurred on 8/19/2024	3				2	1			3 on 8/21/2024	Three items were identified requiring ESC and SWM repair/maintenance and impacts related to agricultural traffic.
8/21/2024		5					5			5 on 8/22/2024	Five items were identified requiring ESC and SWM repair/maintenance and co
8/22/2024		7					7		1 on 8/23/2024	4 on 8/24/2024 2 on 8/25/2024	Seven items were identified requiring ESC repair/maintenance and completed
8/23/2024		1					1			1 on 8/25/2024	One item was identified requiring ESC repair/maintenance and completed wit
8/25/2024		3					3		3 on 8/26/2024		Three items were identified requiring ESC and SWM repair/maintenance and
8/27/2024		2				1	1			1 on 8/28/2024 1 on 8/29/2024	Two items were identified requiring ESC repair/maintenance and completed were moving activities.
8/28/2024		5					5		1 on 8/29/2024	4 on 8/29/2024	Five items were identified requiring ESC and Pollution Prevention repair/main
8/29/2024		2	1	1	1	1	2	1		2 on 8/30/2024	Two items were identified requiring ESC and Pollution Prevention repair/mair

SUMMARY OF OBSERVATIONS

wner permission is granted.

lowner permission is granted.

ndowner permission is granted.

SUMMARY OF OBSERVATIONS

and completed within the required timeframe. Three of the items were identified as off right of way On 8/17/2024, a storm event with high intensity short duration rainfall caused ESC measures to access granted, ESC measures repaired/enhanced, sediment removed, and the areas stabilized within itted an Agency Compliance Form (Problem Area Report #1030) on 8/19/2024. No environmental

and completed within the required timeframe. Two of the identified items were caused by third party

nd completed within the required timeframe.

leted within the required timeframe.

within the required timeframe.

and completed within the required timeframe.

ted within the required timeframe. One of the items was caused by third party impacts related to

naintenance and completed within the required timeframe.

maintenance and completed within the required timeframe.

8/30/2024	0.0"-0.6" - 0.25 Hours *A strong thunderstorm with high intensity/short duration rainfall occurred late on 8/29/2024	28	1	7			28 (includes off right of way and environmental resource impacts)		24 on 8/31/2024	4 on 8/31/2024	Twenty-eight items were identified requiring ESC, SWM, and Pollution Prever identified as off right of way sediment impacts up to 30 feet within upland ar event with high intensity short duration rainfall caused ESC measures to becc measures repaired/enhanced, sediment removed, and the areas stabilized w Report #1032) on 8/30/2024. No environmental resources were impacted. One item was identified as an environmental resource impact at S-P6 east of overwhelmed subsequently impacting approximately 50 feet of the stream o repaired/enhanced, sediment removed, and the area stabilized within the ree 8/30/2024. The MVP Environmental staff is in the process of preparing a Cou
9/1/2024	0.4"-1.5" - 1 Hour *Strong storm events occurred on 8/31/2024	67	4	37			67 (includes off right of way and environmental resource impacts)				Sixty-seven items were identified requiring ESC and SWM repair/maintenanc up to 200 feet within upland areas west of MVP-GI-234 (6), east of MVP-GI-23 Seven Oaks Road (11), and west of Old Furnace Road (3). On 8/31/2024, stro become overwhelmed. The VADEQ was immediately notified. The LEI submi 9/1/2024. These items have 24 hours to be completed within the required to Four items were identified as environmental resource impacts at S-P6 (east and S-NN11 (west of Old Furnace Road/MVP-GI-256). The strong storm even the stream was impacted. At S-MM18, approximately 25 feet of the stream va approximately 100 feet of the stream was impacted. The VADEQ was immed Forms (Problem Area Reports #1035, #1036, #1037, and #1038) on 9/1/2024 items have 24 hours to be completed within the required timeframe .
		1	1	1	1	1	1	VADEQ OB	SERVATIONS	[
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	SUM
8/27/2024		1					1			1 on 8/28/2024	One item was identified requiring Pollution Prevention repair/maintenance a
	1		LANDOWNER/THIRD PARTY REPORTED COMPLAINTS NEAREST ROAD OR FEATURE TOTAL NUMBER OBSERVATIONS							INTS	
DATE OF OBSERVATION			NEAREST ROAD		SUN						
							ENVIRO	DNMENTAL AUDITOR FIELD OBS	ERVATIONS AND RECO	OMMENDATIONS	
DATE OF OBSERVATION				OBSERVATIONS							CONCLUSION AND RECOMMENDATIONS
8/22/2024	The Environmental Auditor 256.02/Old Furnace Road.	conducted site eval	uations at the followin	ng locations: MVP-Cl	R-258.02 (Access Road),	Stevers Gap Trail (CIS/	GAS), and MVP-GI-		egarding observations		asures appeared to be installed and functional at the time of the evaluation. T s related to hydraulic mulch not meeting ESC Plans application rate requireme
8/27/2024	The Environmental Auditor	conducted a site eva	aluation at MVP-MN-2	66.				observations and recommenda	tions related to monito	oring locations followi	peared to be installed and functional at the time of the evaluation. The Environ ng heavy rainfall events where the access road has been permanently restored access road and the long slope length on the right of way, there is a high pote
8/28/2024	The Environmental Auditor	conducted site eval	uations at the followin	ng locations: MVP-M	ILV-AR-26 (CIS/GAS) and	d Brush Mountain Road	/FR-188 (GAS).		ommendations related	to monitoring location	asures appeared to be installed and functional at the time of the evaluation. Ins where minimal vegetative growth was observed and conducting restabiliza
8/19/2024 through 9/1/2024	The Environmental Auditor Spread G Project. The Environmental Auditor									•	ion timeframe requirements. The Environmental Auditor recommends contin bread G Project appears to meet the MVP Annual Standards and Specifications
., ,	The Environmental Auditor							0.,		.,,	
					,				S AND CONCLUSIONS		
		Yes/No								on and recommendat	tion for corrective action (if any).
Best management practic accordance with MVP's A Specifications and MVP's Plans?		Yes									
The temporary erosion ar measures are properly in maintained?		Yes									
	aired and ESC Measures in ance are maintained within	Yes									

evention repair/maintenance and completed within the required timeframe. Seven items were d areas east of Gravely Hill Road (6) and east of MVP-GI-238.01 (1). On 8/29/2024, a strong storm become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC d within the required timeframe. The LEI submitted an Agency Compliance Form (Problem Area d.

st of Gravely Hill Road. The strong storm event on 8/29/2024 caused ESC measures to become am off right of way. The VADEQ was immediately notified, landowner access granted, ESC measures he required timeframe. The LEI submitted an Agency Compliance Form (Problem Area Report #1034) or Courtesy Notice of Force Majeure Declaration.

ance. Based on the daily MVP Punchlist, 37 items were identified as off right of way sediment impacts GI-237 (3), east of Gravely Hill Road (1), east of MVP-GI-238.01 (2), east of Highway 42 (11), east of strong storm events with high intensity/short duration rainfall caused ESC and SWM measures to ubmitted Agency Compliance Forms (Problem Area Reports #1039, #1040, #1041, and #1042) on red timeframe.

ast of MVP-GI-237), S-MM18 (east of Highway 42), S-NN12 (east of Seven Oaks Road/MVP-GI-253.02), events on 8/31/2024 caused ESC measures to become overwhelmed. At S-P6, approximately 20 feet of am was impacted. At S-NN12, approximately 300 feet of the stream was impacted. At S-NN11, mediately notified by the LEI and MVP Environmental staff. The LEI submitted Agency Compliance 024. The MVP Environmental staff is preparing a Courtesy Notice of Force Majeure Declaration. **These**

SUMMARY OF OBSERVATIONS

ce and completed within the required timeframe.

SUMMARY OF OBSERVATIONS

In. The Environmental Auditor communicated with the LEI, Environmental Coordinator (EC), Chief EI, ements and installing additional ESC measures adjacent to an environmental resource on a

vironmental Auditor communicated with the LEI, EC, Chief EI, and MVP Environmental staff regarding ored and the right of way where permanent waterbars and end treatments have been removed via the otential for erosion in these areas.

n. The Environmental Auditor communicated with the LEI, EC, Chief EI, and MVP Environmental staff ilization as necessary. The Environmental Auditor also communicated concerns related to ESC

ntinued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist ions as required by the Virginia Erosion and Stormwater Management Act.

MOUNTAIN VALLEY PIPELINE SPREAD G

ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 9/2/2024 through 9/15/2024

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

Report Period Ending: 9/15/2024

Report Prepared By: Joe Crea

	SUMMARY OF FINDINGS
	SUNIMART OF FINDINGS
Total Number of SWPPP Inspections: 37 conducted from 9/2/2024 through 9/15/2024 (includes LY-026): Holiday on 9/2/2024	
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 9/2/2024 through 9/15/2024 (Includes Carry Over Items from 9/1/2024): 109	
Total Number of ODCP Inspections at Laydown Yard 026: 6 (9/2/2024 through 9/7/2024); 6 (9/9/2024 through 9/14/2024)	
Total Number of VA DEQ Observations from 9/2/2024 through 9/15/2024: 2	
Total Number of Landowner/Third Party Reported Complaints: 0	
Total Number of Right of Way Impacts Caused by Third Parties: 3 (landowner traffic)	
Total Number of Right of Way Impacts Caused by Weather Related Damage (damage to ESC measures caused by fallen debris): 0	
Total Number of Off Right of Way Impacts: 4 (1-2, On 9/3/2024, the EL observed two off right of way sediment impacts within unland areas east and west of Old Eurnare Road/MVP-GL-256.02, On 8/3	(31/2024 strong storm events with high intensity/short duration rainfall produced approximately 1.1.1.2 inches of rainfall in one hour causing E

Total Number of Off Right of Way Impacts: 4 (1-2. On 9/3/2024, the El observed two off right of way sediment impacts within upland areas east and west of Old Furnace Road/MVP-GI-256.02. On 8/31/2024, strong storm events with high intensity/short duration rainfall produced approximately 1.1-1.2 inches of rainfall in one hour causing ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment removed, and the areas stabilized within the required timeframe with one location receiving an extension request approval. No environmental resources were impacted. **3-4.** On 9/5/2024, the El observed two off right of way sediment impacts within upland areas west of MVP-GI-234. On 8/31/2024, strong storm events with high intensity/short duration rainfall produced approximately 1.1-1.2 inches of rainfall in one hour causing ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment removed, and the areas stabilized within the required timeframe. No environmental resources were impacted). **Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations for further discussion**.

Total Number of Environmental Resource Impacts: 0

	ental Resource impacts. U										
Total Number of ESC Meas	ures in Need of Routine Mainte	enance Not Maintai	ned Within Timeframe	es Required by M	/P's Annual Standards a	nd Specifications or as (Otherwise Provided	in the Consent Decree: 0			
ased on the Environment	al Auditor's observations, the	resources available	and deployed in the	field, including e	nvironmental inspector	s and the construction	contractor, were su	fficient to regularly and consister	ntly repair ineffective	BMP measures in a ti	mely manner from 9/2/2024 through 9/15/2024.
								CARRY OVER I	TEMS FROM 9/1/2024	Ļ	
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	SUMM
11/12/2023		1		1			1	1 on 11/12/2023 Extended indefinitely until landowner permission has been granted			One item has been extended indefinitely via VADEQ approval until landowner pe
11/22/2023	0.9"-2.0" - 14 Hours *Rainfall occurred on 11/21/2023	2		2			2	2 on 11/22/2023 Extended indefinitely until landowner permission has been granted			Two items have been extended indefinitely via VADEQ approval until landowner
4/12/2024	0.6"-2.7" - 6 Hours *Storm event with intervals of high intensity/short duration rainfall occurred late 4/11/2024	3		3			3	3 on 4/12/2024 Extended indefinitely until landowner permission has been granted)			Three items have been extended indefinitely via VADEQ approval until landowne
9/1/2024	0.4"-1.5" - 1 Hour *Strong storm events occurred on 8/31/2024	67	4	37			67 (includes off right of way and environmental resource impacts)	35 on 9/2/2024 to be completed on 9/4/2024 (wet/safety conditions) 17 on 9/4/2024 to be completed on 9/7/2024 (wet/safety conditions) 4 on 9/4/2024 Extended indefinitely until landowner permission has been granted	14 on 9/2/2024 18 on 9/3/2024 9 on 9/4/2024 3 on 9/5/2024 1 on 9/6/2024	7 on 9/3/2024 7 on 9/5/2024 1 on 9/6/2024 3 on 9/7/2024	Sixty-seven items were identified requiring ESC and SWM repair/maintenance ar seven items were identified as off right of way sediment impacts up to 200 feet v east of MVP-GI-238.01 (2), east of Highway 42 (11), east of Seven Oaks Road (11) duration rainfall caused ESC and SWM measures to become overwhelmed. The V measures repaired/maintained and enhanced, sediment removed, and the areas Agency Compliance Forms (Problem Area Reports #1039, #1040, #1041, and #10 landowner permission is granted . Four items were identified as environmental resource impacts at S-P6 (east of M S-NN11 (west of Old Furnace Road/MVP-GI-262). The strong storm events on 8/ stream was impacted. At S-MM18, approximately 25 feet of the stream was imp 100 feet of the stream was impacted. The VADEQ was immediately notified, Janu the areas stabilized within the required timeframe via extension request approva #1038) on 9/1/2024. The MVP Environmental staff submitted a Courtesy Notice 9/9/2024.

MMARY OF OBSERVATIONS

r permission is granted.

ner permission is granted.

vner permission is granted.

e and 63 were completed within the required timeframes via extension request approvals. Thirtyet within upland areas west of MVP-GI-234 (6), east of MVP-GI-237 (3), east of Gravely Hill Road (1), (11) and west of Old Furnace Road (3). On 8/31/2024, strong storm events with high intensity/short he VADEQ was immediately notified, landowner access granted at 33 locations, ESC and SWM eas stabilized within the required timeframes via extension request approvals. The LEI submitted #1042) on 9/1/2024. The remaining four items received indefinite extension request approvals until

f MVP-GI-237), S-MM18 (east of Highway 42), S-NN12 (east of Seven Oaks Road/MVP-GI-253.02), and 8/31/2024 caused ESC measures to become overwhelmed. At S-P6, approximately 20 feet of the impacted. At S-NN12, approximately 300 feet of the stream was impacted. At S-NN11, approximately landowner access granted, ESC measures repaired/replaced and enhanced, sediment removed, and rovals. The LEI submitted Agency Compliance Forms (Problem Area Reports #1035, #1036, #1037, and ice of Force Majeure Declaration on 9/3/2024 and a Final Notice of Force Majeure Declaration on

or further discussion.

	ENVIRONMENTAL INSPECTOR OBSERVATIONS										
SUMMA	DATE COMPLETED THREE DAYS	DATE COMPLETED 24-HOURS	TOTAL NUMBER EXTENSION REQUEST(S)	MAINTENANCE/ REPAIR	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	OFF RIGHT OF WAY IMPACT	ENVIRONMENTAL RESOURCE IMPACT	TOTAL NUMBER OBSERVATIONS	PRECIPITATION AMOUNT AND DURATION	DATE OF OBSERVATION
Seven items were identified requiring ESC and SWM repair/maintenance and comp impacts approximately 10 feet within upland areas east and west of Old Furnace Re rainfall caused ESC measures to become overwhelmed. The VADEQ was immediat and the areas stabilized within the required timeframes with one location receiving submitted an Agency Compliance Form (Problem Area Report #1043) on 9/3/2024.	2 on 9/4/2024 1 on 9/5/2024	2 on 9/4/2024 2 on 9/5/2024 (extension requests)	2 on 9/4/2024 to be completed by 9/7/2024 (wet conditions)	7 (includes off right of way impacts)			2		7		9/3/2024
Ten items were identified requiring ESC and SWM repair/maintenance and comple impacts related to landowner traffic. Two items were identified as off right of way On 8/31/2024, strong storm events with high intensity short duration rainfall cause access granted, ESC measures repaired/enhanced, sediment removed, and the are	4 on 9/6/2024	6 on 9/6/2024		9 (includes off right of way impacts)	1		2		10		9/5/2024
Six items were identified requiring ESC repair/maintenance and completed within t	6 on 9/7/2024			6					6		9/6/2024
Four items were identified requiring ESC and SWM repair/maintenance and comple impacts related to landowner traffic.	4 on 9/11/2021			2	2				4		9/10/2024
Four items were identified requiring ESC and SWM repair/maintenance and compl	1 on 9/12/2024 2 on 9/13/2024	1 on 9/12/2024		4					4		9/11/2024
One item was identified requiring ESC repair/maintenance and completed within the	1 on 9/13/2024			1					1		9/12/2024
Four items were identified requiring ESC repair/maintenance and completed within	2 on 9/14/2024	2 on 9/14/2024		4					4		9/13/2024
		OBSERVATIONS	VADEQ								
SUMMA	DATE COMPLETED THREE DAYS	DATE COMPLETED 24-HOURS	TOTAL NUMBER EXTENSION REQUEST(S)	MAINTENANCE/ REPAIR	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	OFF RIGHT OF WAY IMPACT	ENVIRONMENTAL RESOURCE IMPACT	TOTAL NUMBER OBSERVATIONS	PRECIPITATION AMOUNT AND DURATION	DATE OF OBSERVATION
One item was identified requiring ESC repair/maintenance and completed within the	1 on 9/11/2024			1					1		9/10/2020
One item was identified requiring ESC repair/maintenance and completed within the	1 on 9/13/2024			1					1		9/11/2024
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS											
SUMMA	TOTAL NUMBER OBSERVATIONS				NEAREST ROAD OR FEATURE					DATE OF OBSERVATION	

IMARY OF OBSERVATIONS

ompleted within the required timeframe. Two items were identified as off right of way sediment ce Road/MVP-GI-256.02. On 8/31/2024, strong storm events with high intensity short duration diately notified, landowner access granted, ESC measures repaired/enhanced, sediment removed, iving an extension request approval. No environmental resources were impacted. The LEI 024.

npleted within the required timeframe. One of the identified items was caused by third party way sediment impacts approximately 5 feet and 10 feet within upland areas west of MVP-GI-234. aused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner areas stabilized within the required timeframe. No environmental resources were impacted.

hin the required timeframe. mpleted within the required timeframe. Two of the identified items were caused by third party

mpleted within the required timeframe.

in the required timeframe.

ithin the required timeframe.

IMARY OF OBSERVATIONS

in the required timeframe. in the required timeframe.

IMARY OF OBSERVATIONS

				ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS				
DATE OF OBSERVATION			OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS				
9/3/2024			ions at the following locations: Seven Oaks Road/MVP-GI-253 (Access Road), Seven Oaks Road/MVP-GI)2 (Access Road), and Old Furnace Road/MVP-GI-256.02 (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. The MVP Environmental staff regarding observations and recommendations related to hydraulic mulch not meeting ESC Plans application rate requirements, ins				
	The Environmental Auditor co GI-238.01 (GAS), and MVP-ML ¹		ions at the following locations: Gravely Hill Road (GAS), MVP-GI-234 (CIS/GAS), Norcross Road (CIS), MV	The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at the time of the evaluation. T regarding observations and recommendations related to a slope sloughing, enhancing sediment controls directly above a stream that has been previously proper application of hydraulic mulch to achieve proper coverage, stabilizing areas where repair/maintenance activities occurred, and installing SSB where The Environmental Auditor evaluated locations where the EIs identified off right of way impacts and the environmental resource impact at 5-P6 on 9/1/20 permanent stabilization has not occurred following permanent SWM measures installation and locations where SSB should be installed due to straw/hydr. conditions. The Environmental Auditor observed upland locations where the off right of way sediment has been removed and the impacted areas stabilized removed at the time of the evaluation.				
0/12/202/			ions at the following locations: Cascade Drive (CIS), MVP-GI-241.02 (GAS), State Route 42 (CIS/GAS), urnace Road/MVP-GI-256 (CIS/GAS), and MVP-CR-258.02 (Access Road)	The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at the time of the evaluation. The regarding observations and recommendations related to the following: properly installing SSB (embedding/anchoring), bare areas/shadowing where hydra way impact area within an upland, installing additional ESC measures on an access road, and ensuring final stabilization is achieved within the required time identified off right of way impacts on 9/1/2024 and 9/3/2024 and environmental resource impacts at S-MM18, S-NN12, and S-NN11 on 9/1/2024. At the time ESC and SWM measures repaired and/or enhanced.				
9/2/2024 through 9/15/2024	the Spread G Project. The Environmental Auditor cor with the LEI, MVP-LY-028 has VADEQ approval. The Environmental Auditor cor effective measure per Section environmental resource impac On 9/13/2024, the El observec of MVP-GI-256.02). Based on stabilized with SSB. Retraining The Environmental Auditor provide Punchlists; enhancing ESC mea Standards and Specifications d	mmunicated with th been permanently mmunicated with th 3.2 of the AS&S due ts at locations throu the Agency Complia g will be conducted i mmunicated with al ed feedback on that assures (i.e. SSB) whe	e daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for e LEI and EC regarding observations related to SWPPP VISR documentation. Based on communication restored and SWPPP inspections will be conducted on a monthly basis beginning on 9/9/2024 via e LEI, EC, Chief EI, and MVP Environmental staff regarding locations where hydraulic mulch is not an to concentrated flow conditions causing this application to fail resulted in off right of way and ighout the project area. lically applied within 100 feet of stream crossings at S-MM18 (west of MVP-GI-253.02) and S-NN12 (we nce Form (Noncompliance Report #1045) submitted by the LEI on 9/13/2024, these locations will be or the contractor staff to ensure regulations and ESC requirements are being followed. ISpread LEIs on 9/10/2024 regarding the Bi-Weekly reporting period ending on 9/15/2024. The ollowing: ensuring that corrective action items noted in the VSIRs are added to the respective daily MV re straw mulch or hydraulic applications are not effective measures per Section 3.2 of the Annual flow resulting in erosion and/or off right of way/environmental resource impacts, properly ans, and inspecting compost filter sock for undermining subsequently resulting in erosion.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends cont and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as requ t recommends the Spread G Environmental inspection staff continues to communicate with the contractor regarding ineffective ESC measures not in con				
	l			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	On 9/13/2024, the El observed soil binders hydraulically applied within 100 feet of stream crossings at S-MM18 (west of MVP-GI-253.02) and S-NN12 (west of MVP-GI-256.02). Based on the Agency Compliance Form (Noncompliance Report #1045) submitted by the contractor staff to ensure regulations and ESC requirements are being followed.					
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						

he Environmental Auditor communicated with the LEI, Environmental Coordinator (EC), Chief EI, and nstalling Soil Stabilization Blanket (SSB) where straw/hydraulic mulch are ineffective measures due to nvironmental Auditor evaluated locations where the EIs identified off right of way and environmental ent removal at accessible locations. It should be noted that many areas of the project requiring aulic mulch not being an effective measure per Section 3.2 of the Annual Standards and Specifications ensure no sensitive resources were impacted.

ne Environmental Auditor communicated with the LEI, EC, Chief EI, and MVP Environmental staff impacted, large areas of right of way not stabilized following permanent SWM measures installation, r rills/gullies occurred due to flow conditions.

24. The Environmental Auditor observed many locations throughout the right of way where aulic mulch not being an effective measure per Section 3.2 of the AS&S due to concentrated flow kd. The Environmental Auditor conducted an evaluation within S-P6 and observed the sediment

he Environmental Auditor communicated with the LEI, EC, Chief EI, and MVP Environmental staff aulic mulch was applied, installing SSB on streambanks, stabilizing an previously identified off right of neframe. The Environmental Auditor conducted follow up evaluations at locations where the EIs ime of the evaluation, it appeared that the sediment was removed, impacted areas stabilized, and the

ued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings, ed by the Virginia Erosion and Stormwater Management Act. The Environmental Auditor liance with Section 3.2 of the AS&S.

the LEI on 9/13/2024, these locations will be stabilized with SSB. Retraining will be conducted for

MOUNTAIN VALLEY PIPELINE SPREAD G ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 9/16/2024 through 9/29/2024

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

Report Period Ending: 9/29/2024

Report Prepared By: Joe Crea

SUMMARY OF FINDINGS
al Number of SWPPP Inspections: 34 conducted from 9/16/2024 through 9/29/2024 (includes LY-026); SWPPP inspections postponed on 9/27/2024 due to hazardous right of way conditions as a result of Hurricane Helene.
al Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 9/16/2024 through 9/29/2024 (Includes Carry Over Items from 9/15/2024): 264
al Number of ODCP Inspections at Laydown Yard 026: 3 (9/16/2024 through 9/18/2024); All refueling tanks were removed from MVP-LY-026 on 9/19/2024.
al Number of VA DEQ Observations from 9/16/2024 through 9/29/2024: 1
al Number of Landowner/Third Party Reported Complaints: 0
al Number of Right of Way Impacts Caused by Third Parties: 0
al Number of Right of Way Impacts Caused by Weather Related Damage (damage to ESC measures caused by failen debris): 1

Total Number of Off Right of Way Impacts: **60** (1. On 9/19/2024, the El observed an off right of way impact within an upland area east of Stevers Gap Trail. From 9/18/2024, into early 9/19/2024, a storm event from a tropical system with intervals of high intensity/short duration rainfall coupled with previous rainfall and saturated conditions produced approximately 0.9 inches of rainfall in 8 hours causing ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures for early 10, Or 9/19/2024, a torm event within upland area east of 800 Camp Boy/19/2024, astorm event from a tropical system with intervals of high intensity/short duration rainfall coupled with previous rainfall mode and east astabilized within the required timeframe. No environmental resources were impacted. **2-4**. On 9/120/2024, the Els observed **3** of right of way impacts within upland area east of 617 right of way impacts within upland area stabilized within the required timeframe. No environmental resources were impacted. **2-4**. On 9/120/2024, the Els observed **3** of right of way impacts within upland area stabilized within the required timeframe. No environmental resources were impacted **5** of right of way impacts within upland area stabilized within the required timeframe. No environmental resources were impacted **5** of right of way impacts within upland area stab of Stright of way impacts within upland area stabilized with the required timeframe. No environmental resources were impacted **5** of right of way impacts within upland area stabilized with the VADEQ was immediately notified, landowner access granted, temporary ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, temporary ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, temporary ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, temporary ESC measures to become overwhelmed. The VADEQ was imme

Total Number of Environmental Resource Impacts: **10** (1. On 9/20/2024, the El observed an environmental resource impact at S-A32 west of Kow Camp Road #1. On late 9/19/2024, a storm event with high intensity/short duration rainfall produced approximately 0.9 inches of rainfall in on 9/24/2024, **2-5.** On 9/25/2024, the El observed an environmental staff submitted a Courtesy Notice of Force Majeure Declaration on 9/24/2024, storm event with high intensity/short duration rainfall produced approximately 0.9 inches of rainfall in one hour causing ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures of MVP-GI-253.02 (access road), S-NN12 east of MVP-GI-253.02, and S-A32 west of Kow Camp Road #1. On 9/24/2024, strong storms with high intensity/short duration rainfall in one hour causing ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures to become overwhelmed. The VADEQ was immediately notified and extension requests were approved due to hazardous/saturated conditions. The Environmental Auditor rainfall in one hour causing ESC measures to become overwhelmed. The VADEQ was immediately notified and extension requests were approved due to hazardous/saturated conditions. The Environmental staff submitted a Courtesy Notice of Force Majeure Declaration on 9/29/2024. **6-7.** On 9/26/2024. **6-7**

Total Number of ESC Meas	sures in Need of Routine Maintena	ance Not Maintained	d Within Timeframes Re	equired by MVP's A	Annual Standards and S	pecifications or as Other	wise Provided in the	Consent Decree: 0			
Based on the Environment	tal Auditor's observations, the re	sources available a	nd deployed in the field	d, including enviro	nmental inspectors and	I the construction contr	actor, were sufficien	t to regularly and consistently re	epair ineffective BMP	measures in a timel	y manner from 9/16/2024 through 9/29/2024.
								CARRY OVER ITEMS	FROM 9/15/2024		
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	SUMM.
11/12/2023		1		1			1	1 on 11/12/2023 Extended indefinitely until landowner permission has been granted			One item has been extended indefinitely via VADEQ approval until landowner p
11/22/2023	0.9"-2.0" - 14 Hours *Rainfall occurred on 11/21/2023	2		2			2	2 on 11/22/2023 Extended indefinitely until landowner permission has been granted			Two items have been extended indefinitely via VADEQ approval until landowne
4/12/2024	0.6"-2.7" - 6 Hours *Storm event with intervals of high intensity/short duration rainfall occurred late 4/11/2024	3		3			3	3 on 4/12/2024 Extended indefinitely until landowner permission has been granted			Three items have been extended indefinitely via VADEQ approval until landown
9/1/2024	0.4"-1.5" - 1 Hour *Strong storm events occurred on 8/31/2024	4		4			4	4 on 9/4/2024 Extended indefinitely until landowner permission has been granted			Four items identified as off right of way impacts within upland areas have been
								ENVIRONMENTAL INSPE	CTOR OBSERVATIONS	5	
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	SUMM
9/16/2024		3					3		1 on 9/17/2024	2 on 9/17/2024	Three items were identified requiring ESC repair/maintenance and completed w
9/17/2024	0.1"-0.6" - 12 Hours *Storm event from a tropical system occurred late on 9/16/2024	4					4			2 on 9/19/2024 2 on 9/20/2024	Four items were identified requiring ESC repair/maintenance and completed wit

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er permission is granted.

wner permission is granted.

owner permission is granted.

een extended indefinitely via VADEQ approval until landowner permission is granted.

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ed within the required timeframe.

d within the required timeframe.

9/18/2024	0.0"-1.0" - 10 Hours *Scattered storms from a tropical system occurred on 9/17/2024	1				1		1 on 9/19/2024		One item was identified requiring ESC repair/maintenance and completed wi
9/19/2024	0.0"-1.0" - 8 Hours *Scattered storms from a tropical system occurred on 9/18/2024 into early 9/19/2024	6		1		6 (includes off right of way impact)		4 on 9/20/2024	2 on 9/20/2024	Four items were identified requiring ESC repair/maintenance and completed approximately 10 feet within an upland area west of Stevers Gap Trail. From intensity/short duration rainfall coupled with previous rainfall and saturated landowner access granted, ESC measures repaired/enhanced, sediment remo impacted.
9/20/2024	0.0"-0.9"30 Hours *Isolated strong thunderstorms with high intensity/short duration rainfall occurred late on 9/19/2024	16	1	3		16 (includes off right of way and environmental resource impacts)	1 on 9/21/2024 to be completed on 9/28/2024 (engineering review/redlines)	8 on 9/21/2024 1 on 9/23/2024 (extension request)	1 on 9/21/2024 6 on 9/22/2024	Sixteen items were identified requiring ESC repair/maintenance and complete approximately 20, 100, and 8 feet within upland areas east of MVP-MN-266 (On 9/19/2024, strong storm events in a short duration coupled with existing the off right of way locations the sediment subsequently impacted a Karst feat have been communicating/coordinating with VA Department of Conservation measures to become overwhelmed. The VADEQ was immediately notified, la stabilized within the required timeframe. No environmental resources were subsequently resulted in an environmental resource impact at S-A32. The LE One item was identified as an environmental resource impact at S-A32. Sedii stream off south of the right of way as a result of the storm event. The VADE stabilized. The LEI submitted an Agency Compliance Form (Problem Area Rep Majeure Declaration on 9/24/2024. The Environmental Auditor evaluated th recommendations to install enhanced ESC measures to maintain compliance
9/23/2024		3				3		1 on 9/24/2024	2 on 9/24/2024	Three items were identified requiring ESC repair/maintenance and completed
9/25/2024	1.05"-3.85" - 1 Hour *Strong storms with high intensity/short duration rainfall occurred on 9/24/2024	131	4	45		131 (includes off right of way and environmental resource impacts)	131 on 9/26/2024 to be completed on 10/1/2024 due to hazardous/saturated conditions	17 on 9/29/2024		One hundred thirty-one items were identified requiring ESC and SWM repair/ approvals. Forty-five of the items were identified as off right of way impacts i storm events with high intensity/short duration rainfall caused ESC and SWM granted, ESC measures temporarily repaired/enhanced, sediment removed, a approvals due to hazardous/saturated conditions. The LEI submitted Agency Four items were identified as environmental resource impacts at S-Q14 below MVP-GI-253.02, and S-A32 west of Kow Camp Road #1. The strong storm eve #1, the Environmental Auditor observed severe erosion on the slope above S- erosion. The VADEQ was immediately notified and these items received exter conducted a site evaluation at MVP-GI-234 on 9/25/2024 and observed the cc LEI submitted Agency Compliance Forms (Problem Area Reports #1053, #1054 Force of Majeure Declaration on 9/29/2024. A total of 101 remaining items received extension request approvals due to
9/26/2024	1.7"-3.5" - 10 Hours *Storm event from remnants of Hurricane Helene with intervals of high intensity rainfall occurred on 9/25/2024 into early 9/26/2024	46	2	1		46 (includes off right of way and environmental resource impacts)	46 on 9/27/2024 to be completed on 10/1/2024 due to hazardous/saturated conditions	3 on 9/29/2024	2 on 9/29/2024	Forty-six items were identified requiring ESC and SWM repair/maintenance are was identified as an off right of way impact approximately 15 feet within an u remnants of Hurricane Helene coupled with previous rainfall and saturated co notified and an extension request was approved due to hazardous/saturated occurred at this location and an engineering review will be conducted to impl. Environmental Auditor, it appears concentrated runoff from the permanent w Two items were identified as environmental resource impacts at S-MN21 wes remnants of Hurricane Helene coupled with previous rainfall and saturated co overwhelmed subsequently impacting S-MN21. Extensive runoff at MVP-GI-2 impacting S-Y21. The VADEQ was immediately notified and extension request Forms (Problem Area Reports #1065 and #1079) on 9/26/2024. The MVP Env A total of 41 remaining items received extension request approvals due to h
9/27/2024	0.4"-1.5" - 3 Hours *Storm event from remnants of Hurricane Helene occurred on 9/26/2024	8	1			8 (includes environmental resource impact)	8 on 9/28/2024 to be completed on 10/1/2024 due to hazardous/saturated conditions			Eight items were identified requiring ESC and SWM repair/maintenance. One of Buffalo Anklets Road/MVP-GI-241.04. On 9/27/2024, remnants of Hurricar to become overwhelmed. Based on a field evaluation conducted by the Envir treatments caused severe erosion on the slope. The VADEQ was immediately Assistant LEI submitted an Agency Compliance Form (Problem Area Report #1 Declaration on 9/29/2024. A total of 8 items received extension request approvals due to hazardous/sa
9/28/2024	0.5"-1.9" - 5 Hours *Storm event from remnants of Hurricane Helene occurred on 9/27/2024	15		3	1	15 (includes off right of way impacts)	11 on 9/29/2024 to be completed on 10/1/2024 due to hazardous/saturated conditions	3 on 9/29/2024 (1 off right of way impact)	1 on 9/29/2024	Fifteen items were identified requiring ESC and SWM repair/maintenance and weather related damage due to a fallen tree. Three items were identified as C 234 (1) and east of Gravely Hill Road (2). From 9/25/2024 through 9/27/2024 saturated conditions caused ESC and SWM measures to become overwhelme repaired/enhanced, sediment removed, and the areas stabilized east of Grave be removed upon landowner permission at the two locations west of MVP-GI Agency Compliance Form (Problem Area Report #1072) on 9/28/2024.

within the required timeframe.

ed within the required timeframe. One item was identified as an off right of way impact om 9/18/2024 into early 9/19/2024, a storm event from a tropical system with intervals of high ed conditions caused ESC measures to become overwhelmed. The VADEQ was immediately notified moved, and the area stabilized within the required timeframe. No environmental resources were

pleted within the required timeframe. Three of the items were identified as off right of way impacts 56 (2) and east of Kow Camp Road #1 (1).

ng saturated conditions caused ESC measures to become overwhelmed at MVP-MN-266. At one of feature. The Spread G environmental inspection staff, MVP Environmental staff, and Karst geologist tion and Recreation pertaining to this issue. At Kow Camp Road #1, the storm event caused ESC d, landowner access granted, ESC measures repaired/enhanced, sediment removed, and the areas are impacted at two of the locations; however, the off right of way impact at Kow Camp Road #1 to Lis Lis bumitted an Agency Compliance Forms (PAR #1048 and #1049) on 9/202024.

ediment laden runoff traveled through an existing road culvert impacting approximately 15 feet of the NBEQ was immediately notified, landowner access granted, sediment removed, and the area Report #1048) on 9/20/2024. The MVP Environmental staff submitted a Courtesy Notice of Force I the off right of way impacts and environmental resource impact at S-A32 and provided to e with Section 3.2 of the Annual Standards and Specifications (AS&S) and ESC Plan requirements.

eted within the required timeframe.

air/maintenance and 30 were completed within the required timeframe via extension request cts up to 100 feet within upland areas in Giles (44) and Montgomery Counties (1). On 9/24/2024, VM measures to become overwhelmed. The VADEQ was immediately notified, landowner access d, and the areas stabilized at 13 locations. The remaining 32 locations received extension request ncy Compliance Forms (Problem Area Reports #1057, #1058, #1059, #1063, and #1064) on 9/25/2024

elow MVP-GI-234 (access road), S-MM17/W-MM10 at MVP-GI-253.02 (access road), S-NN12 east of event caused ESC measures to become overwhelmed. Based on a site evaluation at Kow Camp Road e S-A32 and it appeared runoff from the permanent waterbars and end treatments contributed to the extension request approvals due to hazardous/saturated conditions. The Environmental Auditor ie contractor staff conducting repairs to the access road and installing temporary ESC measures. The L054, #1055, and #1056) on 9/25/2024. The MVP Environmental staff submitted a Courtesy Notice

to hazardous/saturated conditions.

e and 5 were completed within the required timeframe via extension request approvals. One item in upland area west of Cascade Drive. From 9/25/2024 through 9/27/2024 heavy rainfall from d conditions caused ESC and SWM measures to become overwhelmed. The VADEQ was immediately red conditions. No environmental resources were impacted. It should be noted that previous issues mplement permanent/enhanced measures. Based on a previous field evaluation conducted by the nt waterbar end treatments is contributing to the redundant impacts.

west of Mt. Tabor Road and S-YZ1 at MVP-GI-241.03 (access road). The heavy rainfall event from d conditions caused extensive erosion on the right of way resulting in the ESC measures becoming GI-241.03 caused the access road to washout overwhelming the ESC measures subsequently uests were approved due to hazardous/saturated conditions. The LEI submitted Agency Compliance Environmental staff submitted a Courtesy Notice of Force Majeure Declaration on 9/29/2024.

to hazardous/saturated conditions.

One item was identified as an environmental resource impact approximately 30 feet within S-G32 east icane Helene coupled with previous rainfall and saturated conditions caused ESC and SWM measures ivironmental Auditor on 9/25/2024, it appeared that runoff from the permanent waterbars and end tely notified and extension requests were approved due to hazardous/saturated conditions. The #1067) on 9/27/2024. The MVP Environmental staff submitted a Courtesy Notice of Force Majeure

s/saturated conditions.

and four were completed within the required timeframe. One of the identified items was caused by as off right of way impacts approximately 75, 10, and 20 feet within upland areas west of MVP-GI-024, a prolonged storm event from remnants of Hurricane Helene coupled with previous rainfall and med. The VADEQ was immediately notified, landowner access granted, ESC measures ravely Hill Road. The ESC and SWM measures are slated to be repaired/enhanced and sediment will ~GI-234. No environmental resources were impacted. The Environmental Coordinator submitted an

us/saturated conditions.

9/29/2024		*21	2	7			21 (includes off right of way and environmental resource impacts)				renty-one items were identified requiring ESC and SWM repair/maintenar ist of MVP-GI-244 (1), east and west of MVP-GI-253.02 (3), and west of M rricane Helene coupled previous rainfall and saturated conditions caused d SWM measures are slated to repaired/enhanced and sediment will be r port #1071) on 9/29/2024. To of the items were identified as environmental resource impacts at S-NN cluding remnants from Hurricane Helene caused ESC measures to become sulting in ESC/SWM measures becoming overwhelmed at S-RR5. The VAD diment will be removed upon landowner permission. The LEI submitted vironmental staff is preparing a Courtesy Notice of Force Majeure Declaration even items have 24 Hours and 10 items have 72 Hours to be completed v luded as it was noted on 9/25/2024.				
								VADEQ OBSE	RVATIONS						
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	SUM				
9/18/2024	0.0"-1.0" - 10 Hours *Storm event from a tropical system occurred on 9/17/2024	1					1	1 on 9/19/2024 One item was identified requiring ESC repair/maintenance							
							1	LANDOWNER/THIRD PARTY		INTS					
DATE OF OBSERVATION			NEAREST ROAD OR	FEATURE				TOTAL NUMBER OBS	RVATIONS		SUM				
		ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS													
DATE OF OBSERVATION		OBSERVATIONS OBSERVATIONS OBSERVATIONS CONCLUSION AND RECOMMENDATIONS CONCLUSION AND RECOMMENDATIONS													
9/23/2024	The Environmental Auditor cond Camp Road #1 (CIS/GAS), and Dc		ns at the following loca	tions: MVP-MN-26	6 (CIS); MVP-MN-266.0	3 (CIS/GAS), Mt. Tabor	Road (CIS/GAS), Kow	and MVP Environmental staff re Environmental Auditor evaluate repaired and ESC measures repa concentrated flow conditions ca Environmental Auditor observe	egarding observations ed locations where the aired/enhanced, the o bused erosion that res d recent erosion impa t the permanent wate	and recommendatic e Els identified off rig off right of way sedim sulted in the off right acts on the slope east erbar end treatments	neasures appeared to be installed and functional at the time of the evaluation. ons related to straw mulch as an ineffective measures due to concentrated flow (ht of way and environmental resource impacts at MVP-GI-266 (CIS) and Kow C nent removed, and the impacted area above the Karst feature seeded. The Env of way impacts. At Kow Camp Road #1, the Environmental Auditor observed t Kow Camp Road where the recent repairs were conducted. The Environment s and sediment control measures. The Environmental Auditor also communicat				
9/25/2024	The Environmental Auditor cond (CIS/GAS), MVP-GI-234 (access re					Camp Road #2 (CIS), M ¹	/P-GI-241.04	The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at the time of the evaluation. A32, the Environmental Auditor observed severe erosion on the west slope above the stream that subsequently resulted in an off right of way and enviro Camp Road #2 and MVP-GI-241.04. The Environmental Auditor conducted an evaluation at MVP-GI-234 where runoff from heavy rain caused severe eros the evaluation, the contractor staff was conducting access road repairs and installing temporary ESC measures. The Environmental Auditor communicat recommendations related to conducting ESC measures repair/replacement, installing enhanced ESC measures where the current measures are no longe Environmental staff, engineer reviews will be conducted at locations where permanent/enhanced measures need to be implemented.							
	Spread G Project.		the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the The LEI, EC, Chief EI, and MVP Environmental staff regarding observations related to SWPPP VSIR and daily MVP												
	The Environmental Auditor comm reporting period (End of Q3 2024 feedback/recommendations on 1 Section 3.2 of the AS&S and ESC upgrade the SSB where low grad where there is minimal to no veg noted that the Environmental Au exhibit low fertility to assist with	4) ending on 9/30/20 the following: enhar requirements due to le types are not effic getative growth and uditor also communi	224, and the Q3 2024 rd icing ESC measures (i.e. o steep slopes and conc ient on steep slopes, co conducted restabilizati cated with the MVP En	eporting period en SSB) where straw centrated flow con- oncentrated flow c on activities as neo	ding on 9/30/2024. The mulch or hydraulic appl ditions resulting in erosi onditions, and exhibit lo cessary (includes adding	E Environmental Audito lications are not effecti ion, communicating will ow functional longevity, additional lime and fer	r provided ve measures per h the contractor to and monitor areas tilizer). It should be	Auditor recommends communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specific Auditor recommends communicating with the Spread G Environmental inspection staff to ensure SWPPP Inspection corrective action items are action ontroactor to onitor areas It should be							
								REQUIRED FINDINGS							
		Yes/No							f No, provide explan	ation and recommen	idation for corrective action (if any).				
Best management practice accordance with MVP's An Specifications and MVP's S Plans?	nual Standards and	Yes													
are properly installed, insp		Yes													
Measures are repaired and	Frosion and Sediment Control I ESC Measures in Need of naintained within the required	Yes													

ance. Seven of the items were identified as off right of way impacts up to 30 feet within upland areas MVP-GI-256.02 (3). From 9/24/2024 through 9/27/2024, a prolonged storm event from remnants of ed ESC and SWM measures to become overwhelmed. The VADEQ was immediately notified. The ESC e removed upon landowner permission. The LEI submitted an Agency Compliance Form (Problem Area

NN12 west of MVP-GI-256.02 and S-RR5 west of MVP-GI-244. The storm events leading up to and ne overwhelmed subsequently impacting approximately 100 feet of S-NN12 and the slope to slough DEQ was immediately notified. The ESC and SWM measures are slated to repaired/enhanced and I Agency Compliance Forms (Problem Area Reports #1073 and #1074) on 9/29/2024. The MVP ration.

within the required timeframe. *It should be noted that one punchlist item was redundant and not

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within the required timeframe.

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ion. The Environmental Auditor communicated with the LEI, Environmental Coordinator (EC), Chief EI, flow conditions per Section 3.2 of the AS&S and conducting ESC measures repair/maintenance. The w Camp Road #1 on 9/20/2024. At MVP-MN-266. the Environmental Auditor observed the slope Environmental Auditor recommended installing Soil Stabilization Blanket (SSB) on the slope where ed the sediment removed from S-A32 and the adjacent upland location and stabilized. The enertal Auditor recommended installing SSB where areas of concentrated flow caused the erosion nicated a recommendation to install triple stack compost filter sock (CFS) on the slope directly above

ion. The Environmental Auditor conducted evaluations following heavy recent rainfall events. At Snvironmental resource impact. The Environmental Auditor observed off right of way impacts Kow e rosion on the access road resulting in an environmental resource impact at S-Q14. At the time of hicated with the LEI, EC, Chief EI, and MVP Environmental staff regarding observations and nger effective per Section 3.2 of the AS&S. Based on communication with the LEI and MVP

ontinued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist tions as required by the Virginia Erosion and Stormwater Management Act. The Environmental d to the respective daily MVP Punchlist(s) and conducting QA/QC of the VSIRs.

SPREAD G

ENVIRONMENTAL AUDITOR PARTIAL BI-WEEKLY REPORT - 9/30/2024 (END OF Q3 2024 REPORTING PERIOD)

ENVIRONMENTAL AUDITOR CONTACT INFORMATION Joe Crea CPESC, CPSWQ

Tetra Tech

661 Andersen Drive, Suite 200, Pittsburgh PA 15220

Report Period Ending: 9/30/2024

Report Prepared By: Joe Crea

								SUMM	ARY OF FINDINGS		
Total Number of SWPPP In:	spections: 3 conducted on 9/30/2	2024 (includes LY-0	026)								
Total Number of Environm	ental Inspector (EI) Erosion and S	ediment Control (I	ESC) Observations on S	9/30/2024 (Includ	les Carry Over Items fro	m 9/29/2024): 2					
Total Number of ODCP Insp	pections at Laydown Yard 026: Al	ll refueling tanks w	vere removed from M	VP-LY-026 on 9/1	19/2024.						
Total Number of VA DEQ O	bservations on 9/30/2024: 0										
Total Number of Landowne	er/Third Party Reported Complain	nts: 0									
Total Number of Right of W	Vay Impacts Caused by Third Part	ies: 0									
Total Number of Right of W	Vay Impacts Caused by Weather I	Related Damage (d	amage to ESC measur	es caused by falle	en debris): 0						
Total Number of Off Right	of Way Impacts: 0										
Total Number of Environm	ental Resource Impacts: 0										
Total Number of ESC Meas	ures in Need of Routine Mainten	ance Not Maintain	ed Within Timeframes	Required by MV	'P's Annual Standards ar	nd Specifications or as C	therwise Provided in t	he Consent Decree: 0			
Based on the Environment	tal Auditor's observations, the re	esources available	and deployed in the f	ield, including en	vironmental inspectors	and the construction	ontractor, were suffi	cient to regularly and consis	stently repair ineffect	ive BMP measures in	a timely manner on 9/30/2024.
		T	-	r		T	-	CARRY OVER	R ITEMS FROM 9/30/2	2024	
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	SUN
11/12/2023		1		1			1	1 on 11/12/2023 extended indefinitely to be completed upon landowner permission			One item has been extended indefinitely via VADEQ approval until landowner p
11/22/2023	0.9"-2.0" - 14 Hours *Rainfall occurred on 11/21/2023	2		2			2	2 on 11/22/2023 extended indefinitely to be completed upon landowner permission			Two items have been extended indefinitely via VADEQ approval until landowne
4/12/2024	0.6"-2.7" - 6 Hours *Storm event with intervals of high intensity/short duration rainfall occurred late 4/11/2024	3		3			3	3 on 4/12/2024 extended indefinitely to be completed upon landowner permission			Three items have been extended indefinitely via VADEQ approval until landown
9/1/2024	0.4"-1.5" - 1 Hour *Strong storm events occurred on 8/31/2024	4		4			4	4 on 9/4/2024 extended indefinitely to be completed upon landowner permission			Four items have been extended indefinitely via VADEQ approval until landowne
9/25/2024	1.05"-3.85" - 1 Hour *Strong storms with high intensity/short duration rainfall occurred on 9/24/202	101	4	32			101 (includes off right of way and environmental resource impacts)	101 on 9/26/2024 to be completed on 10/1/2024 due to hazardous/saturated conditions	9 on 9/30/2024 (4 off right of way impacts)	6 on 9/29/2024	One hundred one items were identified requiring ESC and SWM repair/mainten two of the items were identified as off right of way impacts within upland areas granted, ESC measures were repaired/enhanced, sediment removed, and the in Four items were identified as environmental resource impacts at S-Q14 off of M GI-253.02, and S-A32 west of Kow Camp Road #1. These items received extensi a Courtesy Notice of Force Majeure Declaration on 9/29/2024. The 86 remaining items received extension request approvals due to hazardou
9/26/2024	1.7"-3.5" - 10 Hours *Precipitation with intervals of high intensity rainfall occurred on 9/25/2024 into early 9/26/2024	41	2	1			41 (includes off right of way and environmental resource impacts)	41 on 9/27/2024 to be completed on 10/1/2024 due to hazardous/saturated conditions	5 on 9/30/2024 (1 environmental resource impact)	3 on 9/30/2024	Forty-one items were identified requiring ESC and SWM repair/maintenance an identified as an off right of way impact approximately 15 feet within an upland a Hurricane Helene coupled with previous rainfall and saturated conditions. No en location request was approved due to hazardous/saturated conditions. No en location and an engineering review will be conducted to implement permanent, appears concentrated runoff from the permanent waterbar end treatments is con Two items were identified as environmental resource impacts at S-MN21 west on the access road repaired, ESC measures repaired/enhanced, access road gravel request approval. An extension request was approved for S-MN21 due to hazar 9/26/2024. The MVP Environmental staff submitted a Courtesy Notice of Force The 33 remaining items received extension request approvals due to hazardou
9/27/2024	0.4"-1.5" - 3 Hours *Rainfall from remnants of Hurricane Helene occurred on 9/26/2024	8	1				8 (includes environmental resource impact)	8 on 9/28/2024 to be completed on 10/1/2024 due to hazardous/saturated conditions	1 on 9/30/2024	5 on 9/30/2024	Eight items were identified requiring ESC and SWM repair/maintenance and 6 v impact at S-G32 east of Buffalo Anklets Road/MVP-GI-241.04. The storm event extensive erosion on the right of way resulting in the ESC and SWM measures b observed runoff from the permanent waterbars and end treatments contributir hazardous/saturated conditions. The LEI submitted an Agency Compliance Forr Notice of Force Majeure Declaration on 9/29/2024. The two remaining items received extension request approvals due to hazardo

SUMMARY OF OBSERVATIONS

er permission is granted.

vner permission is granted.

owner permission is granted.

wner permission is granted.

tenance and 15 were completed within the required timeframe via extension request approvals. Thirtyreas throughout Giles and Montgomery Counties. At four of those locations, landowner access was e impacted areas stabilized within the required timeframe via extension request approvals. of MVP-GI-234 (access road), S-MM17/W-MM10 off of MVP-GI-253.02 (access road), S-NN12 east of MVP-

ension request approvals due to hazardous/saturated conditions. The MVP Environmental staff submitted

dous/wet conditions.

e and 8 were completed within the required timeframe via extension request approvals. One item was nd area west of Cascade Drive. From 9/25/2024 through 9/27/2024, a storm event from remnants of used ESC and SWM measures to become overwhelmed. The VADEQ was immediately notified and an o environmental resources were impacted. It should be noted that previous issues occurred at this ent/enhanced measures. Based on a previous field evaluation conducted by the Environmental Auditor, it is contributing to the redundant impacts.

est of MVP-MLV-26 and S-YZ1 at MVP-GI-241.03 (access road). At S-YZ1, landowner access was granted, vel removed from the stream, and the area stabilized within the required timeframe via an extension azardous/saturated conditions. The LEI submitted Agency Compliance Forms (PARs #1065 and #1079) on rcce Majeure Declaration on 9/29/2024.

dous/wet conditions.

6 were completed within the required timeframe. One item was identified as an environmental resource ent from remnants of Hurricane Helene coupled with previous rainfall and saturated conditions caused es becoming overwhelmed. It should be noted that the El evaluated this location on 9/25/2024 and uting to the erosion. The VADEQ was immediately notified and an extension request was approved due to Form (Problem Area Report #1067) on 9/27/2024 The MVP Environmental staff submitted a Courtesy

ardous/wet conditions.

9/28/2024	0.5"-1.9" - 5 Hours *Rainfall from remnants of Hurricane Helene occurred on 9/27/2024	11		2	1		11 (includes off right of way impacts)	11 on 9/29/2024 to be completed on 10/1/2024 due to wet conditions			Eleven items were identified requiring ESC and SWM repair/maintenance. On identified as off right of way impacts within upland areas west of MVP-GI-234 hazardous/wet conditions.	
9/29/2024		21	2	7			21 (includes off right of way and environmental resource impacts)	7 on 9/30/2024 to be completed on 10/5/2024 14 on 9/30/2024 10/14/2024	2 on 9/30/2024 (1 off right of way impact)		Twenty-one items were identified requiring ESC and SWM repair/maintenance way impact west of MVP-GI-256.02. The VADEQ was previously notified, land within the required timeframe. Six of the remaining items were identified as of (3), and west of MVP-GI-256.02 (2). These items received an extension request Two of the items were identified as environmental resource impacts at S-NN1 approval due to hazardous/saturated conditions. The MVP Environmental sta The 19 remaining items received extension request approvals due to hazardo	
				•				ENVIRONMENTA	L INSPECTOR OBSERV	/ATIONS	•	
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION		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	su	
9/30/2024	0.1"-1.5" - 5 Hours *Precipitation with locations receiving intervals of high intensity/short duration rainfall occurred on late 9/29/2024 into early 9/30/2024	2					2		Two items were identified requiring ESC repair/maintenance and completed v timeframe.			
	VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION		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 THREE DAYS				
	LANDOWNER/THIRD PARTY REPORTED COMPLAINTS											
DATE OF OBSERVATION	ION NEAREST ROAD OR FEATURE TOTAL NUMBER OBSERVATIONS									SL		
							ENVI	RONMENTAL AUDITOR FIEL	LD OBSERVATIONS AN	ND RECOMMENDATIO	DNS	
DATE OF OBSERVATION			C	DBSERVATIONS							CONCLUSION AND RECOMMENDATIONS	
9/30/2024	The Environmental Auditor reviewed and noted the daily MVP Punchlists and SWPPP VSIRs to be compliant during this reporting period for the Spread G Project. The Environmental Auditor communicated with all Spread LEIs on 9/24/2024 regarding the Bi-Weekly reporting period ending on 9/29/2024, Partial Bi- Weekly reporting period (End of Q3 2024) ending on 9/30/2024, and the Q3 2024 reporting period ending on 9/30/2024. The Environmental Auditor provided feedback/recommendations on the following: enhancing ESC measures (i.e. SSB) where straw mulch or hydraulic applications are not effective measures per Section 3.2 of the AS&s and ESC requirements due to steep slopes and concentrated flow conditions, resulting in erosion, communicating with the contractor to upgrade the SSB where low grade types are not efficient on steep slopes, concentrated flow conditions, and exhibit low functional longevity, and monitor areas where there is minimal to no vegetative growth and conducted restabilization activities as necessary (includes adding additional lime and fertilizer). It should be noted that the Environmental Auditor also communicated with the developing an organic layer over time.											
		Т	T					REQUIRED FIN	NDINGS AND CONCLU			
		Yes/No							If No, provide	explanation and reco	mmendation for corrective action (if any).	
Best management practice accordance with MVP's An Specifications and MVP's S Plans?	nual Standards and	Yes										
The temporary erosion and are properly installed, insp	d sediment control measures pected, and maintained?	Yes										
Measures are repaired and	Erosion and Sediment Control d ESC Measures in Need of maintained within the required	ediment Control es in Need of										

ne of the identified items was caused by weather related damage due to a fallen tree. Two items were () and east of Gravely Hill Road (2). These items received extension request approvals due to

ce and two were completed in the required timeframe. One of the completed items was an off right of downer access granted, ESC measures repaired/enhanced, sediment removed, and the area stabilized s off right of way impacts within upland areas west of MVP-GI-244 (1), east and west of MVP-GI-253.02 est approval due to hazardous/saturated conditions.

12 west of MVP-GI-256.02 and S-RR5 west of MVP-GI-244. These items received an extension request aff is preparing a Courtesy Notice of Force Majueure. dous/wet conditions.

JMMARY OF OBSERVATIONS

within the required timeframe. These items have three days to be completed within the required

UMMARY OF OBSERVATIONS

UMMARY OF OBSERVATIONS

ontinued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist tions as required by the Virginia Erosion and Stormwater Management Act.



Mountain Valley Pipeline Project – Spread H Environmental Auditor Quarterly Report for Q3 2024 October 15, 2024

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 12005+00 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 Stormwater Management Act, 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 (Els). The LEI/Els 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 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. This reporting period covers July 1, 2024, through September 30, 2024 (Q3 reporting period).

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

- Montgomery, Roanoke, and Franklin Counties
 - 12005+00-13415+51
 - Laydown Yards: PY-006 and LY-049

*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 (AS&S) details and the ESC/Post Construction SWM Plans:

• 12005+00-12587+90; 12630+03-13415+51 (includes permanent access roads)

*It should be noted that from 9/24/2024 through 9/27/2024, heavy rainfall events and previous rainfall events leading up to and including remnants from Hurricane Helene caused severe erosion and sloughing impacts throughout the right of way within Montgomery and Roanoke Counties. As a result of the impacts, additional contractor staff including heavy equipment will be mobilized to conduct permanent repairs/enhancements. Repair and restabilization activities will entail the use of previously restored access roads and reinstalling temporary bridges across environmental resources to access the impacted areas. Information related to these upcoming activities will be provided in the Q4 2024 report.

II. Information Reviewed to Prepare Quarterly Report

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

- Daily MVP Punch Lists (includes VADEQ findings);
- Environmental Auditor Bi-Weekly Reports;
- Frequent Communication with the MVP Environmental staff, Chief EI, LEI, Assistant LEI, and Environmental Coordinator (EC);
- 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;
- Storm Water Pollution Prevention Plans, Erosion and Sediment Control Plans, and Post Construction Stormwater Management Plans;
- MVP 48-Hour Aquatic Resource Notifications;
- VA Off Right of Way Sediment Impact Tracker Spreadsheet;
- Agency Compliance Forms Problem Area Reports (PARs) and Noncompliance Reports (NCRs);
- Notice of Force Majeure Declaration submitted to the VADEQ on 7/15/2024, 7/28/2024, and 8/2/2024; and
- Landowner/Third Party Reported Complaints received by the VADEQ on 7/23/2024, 7/24/2024, 7/25/2024, 8/17/2024, and 8/27/2024 (Source: VADEQ website)

The Environmental Auditor also relied on assistance and information from the MVP Environmental staff, MVP Chief Environmental Inspector, Spread H Environmental inspection staff, contractor 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 H-1A, the Els observed a total of 420 daily MVP Punchlist items (includes Carry Over items) requiring repair/maintenance throughout the Q3 reporting period. The Environmental Auditor noted 5 items identified by the Els as ESC measures damaged due to impacts caused by third party activities related to landowner and unauthorized traffic. One weather related impact was caused by a fallen tree during a heavy rainfall/wind event from remnants of Hurricane Helene. The ESC measures were subsequently repaired/maintained within the required timeframes and no environmental resources were impacted due to the third-party impacts.

During the Q3 reporting period the Spread H Environmental inspection staff observed 20 off right of way impacts within upland locations and 11 environmental resource impacts at S-MM22 (MVP-MN-278.01), two separate impacts at S-IJ50 (MVP-RO-279.01), S-G40 (MVP-MN-268.01), S-PP23 (MVP-MN-268.01), S-G39 (MVP-MN-268.01), S-MM15 (MVP-MN-270), two separate impacts at S-EF19 (MVP-MN-278.01), W-IJ62 (MVP-RO-287), and W-KL1 (MVP-RO-288).

On 7/5/2024, the EIs observed three right of way sediment impacts at the MVP-RO-281 access road (1) and west of MVP-RO-282 up to 50 feet within upland areas. On 7/4/2024, a storm event with high intensity/short duration rainfall caused ESC measures to become overwhelmed resulting in a gravel impact at MVP-RO-281 and sediment impacts west of MVP-RO-282. The VADEQ was immediately notified and the ESC measures repaired/enhanced within the required timeframe. Indefinite extension requests were approved by the VADEQ until landowner permission is granted. No environmental resources were impacted. The LEI submitted Agency Compliance Forms (PARs #954 and #955) on 7/5/2024. **Refer to Section VI. for further discussion**.

On 7/5/2024, the EI observed an environmental resource impact at S-IJ50 east of MVP-RO-279.01. On 7/4/2024, a storm event with high intensity/short duration rainfall caused severe erosion and portions of a slope to slough overwhelming the ESC measures and subsequently impacting approximately 400 feet of the stream. The VADEQ was immediately notified, landowner access granted, ESC measures replaced/enhanced, sediment removed, and the area stabilized within the required timeframe via an extension request approval. The LEI submitted an Agency Compliance Form (PAR #953) on 7/5/2024. A Notice of Force Majeure Declaration was submitted to the VADEQ on 7/15/2024. **Refer to Section VI. for further discussion**.

On 7/9/2024, the EI observed an off right of way sediment impact paralleling the right of way for approximately 900 linear feet extending 30 feet off right of way within an upland area east of MVP-MN-278.01. On 7/4/2024, a strong storm event with high intensity/short duration rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment removed, and the area stabilized within the required timeframe via an extension request approval. The LEI submitted an Agency Compliance Form (PAR #975) on 7/9/2024. It should be noted that this event subsequently impacted S-MM22. **Refer to Section VI. for further discussion**.

On 7/9/2024, the EI observed an environmental resource impact at S-MM22 east of MVP-MN-278.01 as a result of an off right of way impact on the slope east of the stream. On 7/4/2024, a strong storm event with high intensity/short duration rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment removed, and the area stabilized within the required timeframe via an extension request approval. The LEI submitted an Agency Compliance Form (PAR #975) on 7/9/2024. A Notice of Force Majeure Declaration was submitted to the VADEQ on 7/15/2024. **Refer to Section VI. for further discussion**.

On 7/15/2024, the Assistant LEI observed an off right of way sediment impact approximately 100 feet within an upland area east of MVP-MN-278.01. A slough occurred on a steep slope due extremely dry soil conditions. The VADEQ was immediately notified and the ESC measures were enhanced to minimize potential future dust related impacts. An indefinite extension request was approved by the VADEQ until landowner permission is granted. No environmental resources were impacted. The LEI submitted an Agency Compliance Form (PAR #982) on 7/20/2024.

On 7/18/2024, the EI observed an environmental resource impact at S-IJ50 east of MVP-RO-279.01. On 7/18/2024, a strong storm event with high intensity/short duration rainfall caused a slope to slough. This event resulted in ESC and SWM measures becoming overwhelmed and subsequently impacting approximately 500 feet of the stream. It should be noted that the contractor was in the process of completing repairs on the slope from the 7/5/2024 impacts. The VADEQ was immediately notified, landowner access granted, temporary ESC measures installed, sediment removed from the stream, and the area stabilized within the required timeframe via a long term extension request. The Spread H

Environmental inspection staff, contractor staff, and MVP Environmental staff developed and implemented enhanced ESC measures that entailed rip rap installation on a portion of the slope. Due to severe topographic and saturated conditions, remedial activities within S-IJ50 were conducted mostly using hand tools. The rip rap installation and sediment removal from S-IJ50 (verified and approved by the VADEQ aquatic biologist) was completed on 8/20/2024. The LEI submitted an Agency Compliance Form (PAR #953-revised from 7/5/2024) on 7/18/2024. A Notice of Force Majeure Declaration was submitted to the VADEQ on 7/28/2024. **Refer to Section VI. for further discussion**.

On 7/21/2024, the EI observed an off right of way sediment impact approximately 1500 feet within an upland area east of MVP-MN-268.01. On 7/21/2024, strong storm events coupled with existing saturated conditions caused a slip which overwhelmed ESC measures. Sediment traveled to an off-ROW drainage feature which conveyed sediment to S-PP23 and S-G40. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment removed, and the area stabilized within the required timeframe via an extension request approval. The LEI submitted an Agency Compliance Form (PAR #984) on 7/21/2024. **Refer to Section VI. for further discussion**.

On 7/21/2024, the EI observed two environmental resource impacts at S-PP23 and S-G40 east of MVP-MN-268.01 as a result of the off right of way impact. On 7/21/2024, strong storm events coupled with existing saturated conditions caused a slope to fail east of the streams. The sediment traveled approximately 1500 feet within a drainage feature subsequently impacting the streams. The impact extended approximately 2,000 feet downstream from the right of way. The VADEQ was immediately notified, landowner access granted, ESC and SWM measures repaired/enhanced, sediment removed, and the area stabilized within the required timeframe via an extension request approval. The LEI submitted an Agency Compliance Form (PAR #984) on 7/21/2024. A Notice of Force Majeure Declaration was submitted to the VADEQ on 7/28/2024. **Refer to Section VI. for further discussion**.

On 7/23/2024, the EIs observed 6 off right of way sediment impacts up to 400 feet within upland areas west of MVP-RO-282, northwest of MVP-MN270, east of MVP-MN-268.01, east of MVP-MN-276.03, and both east and west of MVP-MN-278.01 (2). On 7/22/2024 and 7/23/2024, storm events with intervals of high intensity/short duration rainfall coupled with existing saturated conditions caused ESC and SWM measures to become overwhelmed. It should be noted that runoff from the permanent waterbar end treatments contributed to the erosion and subsequent off right of way impacts. The VADEQ was immediately notified, landowner access was granted at five locations, ESC measures repaired/enhanced, sediment removed, and the impacted areas stabilized within the required timeframe via extension request approvals. Erosion and Sediment Control measures were installed at the remaining location where landowner permission has not been granted and an indefinite extension request was approved by the VADEQ. It should be noted that two incident locations resulted in environmental resource impacts at S-G39 and S-MM15. The LEI submitted Agency Compliance Forms (PARs #996, #1000, and #1007) for three of the off right of way impacts on 7/23/2024 and 7/24/2024. **Refer to Section VI. for further discussion**.

On 7/23/2024, the EIs observed three environmental resource impacts at S-G39 east of MVP-MN-268.01, S-MM15 east of MVP-MN-270, and S-EF19 east of MVP-MN-278.01. On 7/22/2024 and 7/23/2024, storm events with intervals of high intensity/short duration rainfall coupled with existing saturated conditions caused ESC and SWM measures to become overwhelmed. At S-G39, erosion caused sloughing on the west slope subsequently impacting the stream. At S-MM15, significant erosion occurred along the edge of the right of way impacting approximately 400 feet off right of way within an upland area prior to entering S-MM15. Approximately 4,000 feet of the stream was impacted. At S-EF19, approximately 250 feet of the slope sloughed, overwhelmed ESC measures and impacted 50 feet of the stream. It should be noted that runoff from the permanent waterbar end treatments contributed to the erosion and sloughing. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/maintained and enhanced, sediment removed, and the impacted areas stabilized within the required timeframes extension request approvals. The LEI submitted Agency Compliance

Forms (PARs #996, #1000, and #1007) on 7/23/2024 and 7/24/2024. A Notice of Force Majeure Declaration was submitted to the VADEQ on 8/2/2024. **Refer to Section VI. for further discussion**.

On 8/13/2024, the EI observed an off right of way sediment impact approximately 30 feet within an upland area east MVP-MN-276.03. On 8/8/2024, a storm event intervals of high intensity/short duration rainfall from Tropical Storm Debby caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, sediment removed, and the area stabilized within the required timeframe via an extension request approval. No environmental resources were impacted. The LEI submitted an Agency Compliance Form (PAR #1026) on 8/13/2024.

On 8/30/2024, the EI observed an off right of way sediment impact approximately 50 feet within an upland area (three locations within 50 feet of each other) east MVP-MN-276.03. On 8/29/2024, a storm event with an interval of high intensity/short duration rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/maintained, sediment removed, and the area stabilized within the required timeframe via an extension request approval. No environmental resources were impacted. The LEI submitted an Agency Compliance Form (PAR #1033) on 8/30/2024.

On 9/18/2024, the Assistant LEI observed an off right of sediment way impact paralleling the right of way for approximately 70 linear feet extending 10 feet off right of way within an upland area east of MVP-RO-279.01. A prolonged storm event from a tropical system occurred from 9/16/2024 through 9/18/2024 caused ESC measures to become overwhelmed. The impacted area was between the edge of the rip rap armor and the edge of right of way. The VADEQ was immediately notified, landowner access granted, ESC measures temporarily repaired, sediment removed, and the area stabilized within the required timeframe via extension request approvals. No environmental resources were impacted. A long term stabilization plan is being developed to prevent future impacts throughout this location. The LEI submitted an Agency Compliance Form (PAR #1046) on 9/48/2024. **Refer to Section VI. for further discussion**.

On 9/21/2024, the Assistant LEI observed an off right of way sediment impact that occurred approximately 1800 feet in length and a distance of approximately 600 feet from the edge of the right of way within an upland area west of MVP-RO-279.02. From 9/16/2024 through 9/18/2024, a prolonged storm event from a tropical system caused ESC and SWM measures to become overwhelmed on the slope above the AEP powerline crossing. It should be noted that this impact was not documented immediately following the rainfall event due to hazardous conditions preventing access to this area of right of way. Upon discovery of the off right of way impact, the VADEQ was immediately notified and an indefinite extension request was approved until landowner access is granted. Throughout the remainder of the week following the storm event, the contactor staff initiated repairs on the ESC and SWM measures throughout the slope. No environmental resources were impacted. An enhanced stabilization plan is being developed for this location. The LEI submitted and Agency Compliance Form (PAR#1050) on 9/21/2024. Further documentation will be provided in the Q4 2024 report.

On 9/28/2024, the Assistant LEI and EI observed three off right of way sediment impacts up to 50 feet within upland areas west of MVP-MN-278.01 (2) and east of MVP-RO-279.01 (1). On 9/27/2024, a storm event from remnants of Hurricane Helene coupled with previous rainfall and saturated conditions caused severe erosion and sloughing that overwhelmed ESC and SWM measures. The VADEQ was immediately notified. Extension requests were approved until landowner access is granted at the remaining locations. A request has been submitted to the VADEQ to extend earthen waterbars across the full width of the right of way as the permanent waterbar end treatments contributed to the impacts. No environmental resources were impacted. The LEI submitted Agency Compliance Forms (PARs #11046, #1077, and #1080) on 9/30/2024. Further documentation will be provided in the Q4 2024 report.

On 9/28/2024, the EIs observed three environmental resource impacts at S-EF19 west of MVP-MN-278.01, W-IJ62 at MVP-RO-287, and W-KL1 at MVP-RO-288. The storm event from remnants of

Hurricane Helene coupled with previous rainfall and saturated conditions caused erosion/sloughing on the right of way resulting in ESC and SWM measures to become overwhelmed at S-EF19. Flooding at MVP-RO-287 and MVP-RO-288 caused gravel washout to overwhelm the ESC measures and impacting W-IJ62 and W-KL1, respectively. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, and gravel removed from W-KL1 at MVP-RO-288. Extension requests were approved until landowner access is granted at W-IJ62. Temporary ESC measures repairs/enhancements are slated to be conducted at these locations upon safe conditions. Long term enhanced ESC measures are planned for the slopes above S-EF19. The LEI submitted Agency Compliance Forms (PARs #1070, #1075, and #1076) on 9/30/2024. The MVP Environmental staff is preparing a Courtesy Notice of Force Majeure Declaration. Further documentation will be provided in the Q4 2024 report.

On 9/30/2024, the EI observed an off right of way sediment impact approximately 10 feet within an upland area east MVP-MLV-AR-28. On 9/29/2024, a storm event coupled previous rainfall and saturated conditions caused a slope to slough overwhelming the ESC measures. The VADEQ was immediately notified. Landowner access has been requested and this item has 24 Hours to be completed within the required timeframe. No environmental resources were impacted. The LEI submitted an Agency Compliance Form (PAR #1081) on 9/30/2024.

During the Q3 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 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 Els throughout the Q3 reporting period:

Spr	Spread H Environmental Inspector Observations: July 1, 2024 – September 30, 2024											
Monthly Observation	Total Number Observations	Environmental Resource Impacts	Off Right of Way Impacts	Right of Way Impacts Caused by Third Parties	Weather Related Damage							
July 2024	*97	8	12	0	0							
August 2024	*93	0	2	0	0							
September 2024	*230	3	6	5	1							

Table H-1A

* Includes Carry Over Items

The EIs conducted a total of 224 SWPPP inspections and provided respective VSIRs throughout the Q3 reporting period. Upon review of the SWPPP VSIRs, the EIs observations were documented within the daily MVP Punchlists, communicated to the contractor, and noted issues were repaired/maintained and/or enhanced within the same day or within the VADEQ approved timeframe (24 Hours/Three Days or as extended by VADEQ authorization). It should be noted that SWPPP inspections were postponed on 8/8/2024, 9/14/2024, and 9/27/2024 due to hazardous conditions related to weather events and the VADEQ was immediately notified.

The EIs conducted ODCP site inspections at Laydown Yard PY-006 throughout the Q3 reporting period. Twenty-seven inspections were conducted in July, 29 inspections were conducted in August, and 25 inspections were conducted in September. No spills were observed during the Spread H ODCP inspections throughout the Q3 reporting period.

An approximate total of 26 recordable precipitation events occurred during the Q3 reporting period. On 7/4/2024, a strong storm event with high intensity/short duration rainfall produced approximately 1.7 inches of rainfall in two hours. This event caused ESC measures to become overwhelmed resulting in three off right of way impacts within upland areas and an environmental resource impact at S-IJ50. The

impacts were observed by the Els on 7/5/2024. **Refer to discussion above, Table H-1B, and Section VI. for further discussion**.

On 7/4/2024, a storm event with high intensity/short duration rainfall produced approximately 1.7 inches of rainfall in two hours. This event caused ESC measures to become overwhelmed resulting an off right of way impact within an upland area that resulted in an environmental resource impact at S-MM22. The impact was observed by the EI during a SWPPP inspection on 7/9/2024. **Refer to discussion above, Table H-1B, and Section VI. for further discussion**.

On 7/18/2024, a strong storm event with high intensity/short duration rainfall produced approximately 1.1 inches of rainfall in .5 hours. This event caused erosion and a portion of a slope to slough. This impact caused ESC measures to become overwhelmed resulting in an environmental resource impact at S-IJ50. The impact was identified by the EI on 7/18/2024. **Refer to discussion above, Table H-1B, and Section VI. for further discussion**.

On 7/21/2024, strong storm events with high intensity/short duration rainfall produced approximately 0.9 inches of rainfall in one hour. This event coupled with saturated conditions caused severe erosion and sloughing. ESC and SWM measures were overwhelmed resulting in one off right of way impact within an upland area and two environmental resource impacts at S-PP23 and S-G40. The impacts were observed by the El on 7/21/2024. **Refer to discussion above, Table H-1B, and Section VI. for further discussion**.

On 7/22/2024, a strong storm event with high intensity/short duration rainfall coupled with existing saturated condition produced approximately 1.5 inches to 1.8 inches of rainfall in 1.5 hours. This event coupled with previous storm events and saturated conditions caused severe erosion and sloughing. The ESC and SWM measures were overwhelmed resulting in 6 off right of way impacts within upland areas and three environmental resource impacts at S-G39, S-MM15, and S-EF19. The impacts were observed by the EIs on 7/23/2024. **Refer to discussion above, Table H-1B, and Section VI. for further discussion**.

On 8/8/2024, a storm event from Tropical Storm Debby with intervals of high intensity/short duration rainfall produced approximately 2 inches of rainfall in 14 hours. This event coupled with saturated conditions caused ESC measures to become overwhelmed resulting in an off right of way impact within an upland area. This impact was observed by the EI on 8/13/2024. **Refer to discussion above and Table H-1B for further discussion**.

On 8/29/2024, a storm event with an interval of high intensity/short duration rainfall produced approximately 0.5 inches of rainfall in 1.25 hours. This event caused ESC measures to become overwhelmed resulting in an off right of way impact within an upland area. The impact was observed by the EI on 8/30/2024. **Refer to discussion above and Table H-1B for further discussion**.

From 9/16/2024 through 9/18/2024, a prolonged storm event from a tropical system with intervals of high intensity/short duration rainfall produced approximately 7.0 inches in 36 hours. This event caused ESC measures to become overwhelmed. The impact was observed by the Assistant LEI on 9/18/2024. **Refer to discussion above, Table H-1B, and Section VI. for further discussion**.

From 9/16/2024 through 9/19/2024, a prolonged storm event from a tropical system with intervals of high intensity/short duration rainfall produced approximately 7.2 inches in 36 hours causing ESC measures to become overwhelmed. This event caused ESC measures to become overwhelmed resulting in an off right of way impact within an upland area. The impact was observed by the Assistant LEI on 9/21/2024. **Refer to discussion above, Table H-1B, and Section VI. for further discussion**.

On 9/27/2024, a storm event from remnants of Hurricane Helene produced approximately 3.5 inches of rainfall in 7 hours. This event coupled with previous heavy rainfall and saturated conditions caused severe erosion and sloughing throughout areas of the right of way. Erosion and Sediment Controls and SWM measures were overwhelmed subsequently resulting in three off right of way impacts within upland areas and three environmental resource impacts at S-EF19, W-IJ62, and W-KL1. The impacts were

observed by the Els on 9/28/2024. Refer to discussion above, Table H-1B, and Section VI. for further discussion.

From 9-24-2024 through 9/29/2024, storm events including remnants from Hurricane Helene produced approximately 7.2 inches of rainfall causing a slope to slough. The ESC measures became overwhelmed resulting in an off right of way impact within an upland area. The VADEQ was immediately notified. Landowner access has been requested and this item has 24 Hours to be completed within the required timeframe. The impact was observed by the EI on 9/30/2024. **Refer to discussion above, Table H-1B, and Section VI. for further discussion**.

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

Table H-1B	le H-1B
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	Spread H Precip	pitation and D	uration Rates: July 1, 2024 –	September 3	0, 2024
	July		August		September
Date Recorded	Precipitation and Approximate Duration	Date Recorded	Precipitation and Approximate Duration	Date Recorded	Precipitation and Approximate Duration
7/5/2024	0.2"-1.7" - 3.25 Hours *Scattered thunderstorms with locations receiving high intensity/short duration rainfall occurred on late 7/4/2024	8/3/2024	0.0"-0.6" - 2 Hours *Isolated thunderstorms occurred on 8/2/2024	9/1/2024	0.2"-2.1" - 5 Hours *Isolated thunderstorms with locations receiving high intensity/shord duration rainfall occurred on 8/31/2024
7/6/2024	0.1"-1.9" - 1 Hour *Isolated moderate to heavy thunderstorms occurred on 7/5/2024	8/4/2024	0.1"-1.6" - 2.25 Hours *Scattered storm events with area of high intensity/short duration rainfall occurred on 8/3/2024	9/17/2024	0.4"-1.7" - 12 Hours *Precipitation from a tropical system with locations receiving intervals of high intensity/short duration rainfall began on late 9/16/2024
7/17/2024	0.0"-0.5" - 1 Hour *Scattered storms occurred on late 7/16/2024	8/8/2024 and 8/9/2024	2.0"-7.0" - 22 Hours *Precipitation from Tropical Storm Debby with intervals of high intensity rainfall occurred on from late 8/7/2024 through late 8/8/2024	9/18/2024	0.7"-5.5" - 24 Hours *Precipitation from a tropical system with locations receiving intervals of high intensity/short duration rainfall continued from 9/17/2024
7/18/2024	0.0"-0.4" - 1 Hour *Scattered storms occurred on late 7/17/2024	8/17/2024	0.1"-1.1" - 1.75 Hours *A storm event with locations receiving high intensity/short duration rainfall occurred on late 8/16/2024	9/19/2024	0.1"-1.7" - 6 Hours *Scattered thunderstorms occurred on late 9/18/2024
7/19/2024	0.4"-1.2" - 2 Hours *A strong thunderstorm occurred on 7/18/2024	8/30/2024	0.0"-1.5" - 4.25 Hours *Scattered storms with intervals of high intensity/short duration rainfall occurred on late 8/29/2024	9/20/2024	0.0"-1.1" - 2.25 Hours *Isolated thunderstorms with intervals of high intensity/short duration rainfall occurred on late 9/19/2024
7/21/2024	0.4"-1.1" - 2.75 Hours *Strong storm events			9/24/2024	0.0"-0.5" - 12.5 Hours *Rain showers occurred late on 9/23/2024 into early 9/24/2024
7/23/2024	0.5"-1.8" - 3.25 Hours *Strong thunderstorms occurred late on 7/22/2024			9/25/2024	0.5"-1.4" - 4 Hours *Moderate to heavy rainfall occurred on late 9/24/2024 and early morning on 9/25/2024
7/24/2024	0.1"-0.8" - 24 Hours *Scattered showers occurred on from 7/23/2024 into 7/24/2024			9/26/2024	0.7"-1.7" - 3.5 Hours *Thunderstorms occurred on late 9/25/2024 and early morning 9/26/2024
7/25/2024	0.2"-0.5" - 24 Hours *Scattered showers occurred from 7/24/2024 into 7/25/2024			9/27/2024	0.8"-2.7" - 24 Hours *Precipitation from remnants of Hurricane Helene with intervals of high intensity/short duration rainfal began early 9/26/2024 and continue into early 9/27/2024
7/30/2024	0.1"-0.4" - 6.5 Hours *Scattered showers occurred on 7/29/2024			9/28/2024	1.1"-3.5" - 7 Hours *Precipitation from remnants of Hurricane Helene with intervals of high intensity/short duration rainfall occurred on 9/27/2024
				9/30/2024	0.1"-0.6" – 2.5 Hours *Precipitation with locations receivin intervals of high intensity/short duration rainfall occurred on 9/29/2024

IV. Quarterly Summary of VADEQ Observations

Per Table H-1C, the VADEQ Inspectors observed a total of 6 items requiring ESC repair/maintenance throughout the Q3 reporting period. During the Q3 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-IC for further detailed information**.

The items provided by the VADEQ on the daily MVP Punchlists throughout the Q3 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).

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 Q3 reporting period:

Table H-1C	Та	ble	H-1	С
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	Spread H VADEQ Observations: July 1, 2024 – September 30, 2024											
Monthly Observation	Total Number Observations	Environmental Resource Impacts	Off Right of Way Impacts	Right of Way Impacts Caused by Third Parties	Weather Related Damage							
July 2024	2	0	0	0	0							
August 2024	3	0	0	0	0							
September 2024	1	0	0	0	0							

V. Quarterly Summary of Landowner/Third Party Issues

The Environmental Auditor noted five formal landowner/third party complaints submitted to the VADEQ for the Spread H Project during the Q3 reporting period.

- A third party complaint was observed on 7/11/2024 and filed with the VADEQ on 7/24/2024 (Pollution Investigation Report_IR #314875). The complainant alleged "uncontrolled dust release as equipment goes up and down slope". On 7/22/2024, the Environmental Auditor conducted a site evaluation at this location and observed permanent restoration activities nearing completion on the slope west of MVP-MN-276.03. Based on communication with the LEI, the contractor was applying water to suppress dust throughout areas of the slope during the dry period. Per the Closure section of the IR on 8/2/2024, the VADEQ observed construction completed and the area permanently stabilized. No compliance issues were observed.
- A third party complaint was observed on 7/18/2024 and filed with the VADEQ on 7/23/2024 (Pollution Investigation Report_IR #314782). The complainant alleged "muddy runoff below the MVP cut in Catawba Valley on the North Fork of the Roanoke River". On 7/16/2022, 7/22/2024, and 8/2/2024 the Environmental Auditor conducted site evaluations and observed no project related impacts at S-G36. Per the Closure section of the IR on 7/26/2024, the VADEQ inspector observed turbid conditions upstream and downstream of the MVP project due to a strong storm event late 7/22/2024. The VADEQ observed no project related impacts to S-G36 (North Fork of the Roanoke River). No compliance issues were observed.
- A third party complaint was observed and filed with the VADEQ on 7/25/2024 (Pollution Investigation Report_IR #314813). The complainant alleged "persistent poor stream water quality" in the North Fork of the Roanoke River "one mile downstream from the MVP". On 7/16/2022, 7/22/2024, and 8/2/2024 the Environmental Auditor conducted site evaluations and observed no project related impacts at S-G36 (North Fork of the Roanoke River). Per the Closure section of the IR on 7/29/2024, the VADEQ inspector observed no project related impacts to S-G36 and no compliance issues were observed.

- A third party complaint was observed and filed with the VADEQ on 8/17/2024 (Pollution Investigation Report_IR #315153). The complainant alleged "Mountain Valley Pipeline refueling" within a 100 ft of a wetland and sensitive area" on Yellow Finch Road (MVP-MN-278.01). It should be noted that based on FERC Procedure IV.A.1.d where a 100 feet refueling buffer is unavoidable due to site restrictions, Yellow Finch Lane was determined to be considered a special case per the EIs determination. As part of determination, special measures have been implemented by the contractor to avoid environmental resource impacts during refueling to occur provided spill prevention measures were implemented. Per the Closure section of the IR on 8/19/2024, the VADEQ inspector observed no pollution and no compliance issues were observed.
- A third party complaint was observed on 8/26/2024 and filed with the VADEQ on 8/27/2024 (Pollution Investigation Report_IR #315299). The complainant alleged "an unbelievable amount of dust coming off the MVP worksites". It should be noted that during the reported timeframe weather and soil conditions were extremely dry in locations where final restoration was occurring. Based on communication with the LEI, water was applied to the slope for dust suppression activities throughout the dry period. A storm event with high intensity/short duration rainfall occurred across the spread on 8/31/2024 which provided additional dust suppression. Per the Closure section of the IR on 9/4/2024, the VADEQ concluded no compliance issues were observed.

VI. Quarterly Summary of Environmental Auditor Observations and Recommendations

Per Table H-1D, the Environmental Auditor conducted 65 site evaluations during the Q3 reporting period and observed locations where Pollution Prevention, ESC, and SWM measures required proper installation, repair/maintenance, or additional (enhanced) measures to be installed.

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 also reviewed and provided recommendations related to daily MVP Punchlists, ODCP Inspection reports, and SWPPP VSIRs. The Environmental Auditor communicated technical and administrative observations and recommendations to the LEI, Assistant LEI, Environmental Coordinator (EC), Chief EI, and MVP Environmental staff. Installation and repair/maintenance recommendations were forwarded to the contractor Environmental staff by the Spread H Environmental inspection staff and most recommendations were subsequently addressed.

During the Q3 reporting period, the Environmental Auditor evaluated locations throughout the right of way where final cleanup and permanent restoration activities were occurring. The Environmental Auditor focused on proper installation of the SWM measures (right of way and access roads) and site restoration implementation. The Environmental Auditor also conducted evaluations at locations where off right of way and environmental resource impacts occurred throughout the Q3 reporting period. The Environmental Auditor communicated/coordinated with the onsite Els and LEI on a continued basis to ensure permanent restoration activities were conducted in accordance with the required ESC/SWM Plans and AS&S requirements. The Environmental Auditor frequently communicated with the LEI, Assistant LEI, EC, Chief El, and MVP Environmental staff regarding observations and recommendations related to conducting proper hydraulic application operations to achieve uniform coverage at the required rates, properly installing soil stabilization blanket (SSB), and recognizing locations where concentrated flow resulted in erosive conditions and implemented enhanced ESC measures at such locations. The Environmental Auditor also communicated with the LEI regarding relevant documentation related to SWPPP VSIRs, daily MVP Punchlists, ODCP Inspection reports, and Agency Compliance Forms (PARs).

The Environmental Auditor provided the following detailed technical and administrative/documentation recommendations:

Technical Recommendations

- Repair rills/gullies prior to conducting stabilization activities.
- Ongoing communication to install SSB where straw/hydraulic mulch are not effective measures per Section 3.2 of the AS&S requirements. Areas of concern where concentrated runoff has caused erosion are along the inside edge of perimeter sediment controls on slopes, below waterbar end treatments, areas where rills/gullies have formed, and areas where sheet flow transitioned to concentrated flow conditions.
- Upgrading SSB throughout locations where current SSB is an ineffective measure per Section 3.2 of the AS&S due to slope, concentrated flow conditions, and limited functional longevity.
- Ongoing communication to properly install SSB related to anchoring and stapling.
- Evaluate and repair compost filter sock (CFS) where undermining was observed.
- Install SSB and check dams along the inside edge of perimeter sediment controls on slopes where concentrated runoff was observed creating erosive conditions.
- Proper SSB installation related to ensuring the blanket has uniform contact with the ground surface.
- Monitor temporary bridge crossings during active construction activities and enhance ESC measures as necessary.
- Evaluate vegetative growth throughout the right of way and restabilize locations where there is currently minimal to no vegetative growth. The stabilization process should entail the addition of lime and fertilizer as necessary. The Environmental Auditor also suggested to the LEI, Chief EI, and MVP Environmental staff to consider additional soil amendments to provide sustainable soil fertility. Soil fertility and pH testing is recommended to determine appropriate application rates.

Administrative/Documentation Recommendations

- Conduct QA/QC to ensure consistency and thoroughness between the daily MVP Punchlists and SWPPP VSIRs. This includes SWPPP VSIR documentation not reflecting actual site conditions at the time of the SWPPP inspection related to items that have not been completed in entirety. The Environmental Auditor recommended reopening the items and ensuring future daily MVP Punchlists include separate corrective action items for temporary ESC measures, long term repairs via extension requests, and off right of way/environmental resource impacts. Following identification of these concerns, corrective actions were undertaken by the Spread H Environmental inspection staff.
- Update the off right of way Sediment Tracker data and submit Agency Compliance Forms to the Environmental Auditor following an off right of way/environmental resource impact.
- Communicate third party/landowner complaints, off right of way impacts, and environmental resource impacts to the Environmental Auditor.

The following are Environmental Auditor observations at locations where off right of way and environmental resource impacts occurred throughout the Q3 reporting period. **Refer to the attached Environmental Auditor Bi-Weekly Reports for further information**.

On 7/9/2024, the Environmental Auditor conducted an evaluation on the slope east MVP-RO-279.01 where the EI observed an off right of way impact resulting in an environmental resource impact at S-IJ50 on 7/5/2024. The Environmental Auditor observed the contractor staff conducting maintenance and initiating sediment removal from the off right of way and S-IJ50 impacts. The ESC measures appeared to be repaired and enhanced. The Environmental Auditor conducted a follow up evaluation on 8/6/2024 where another environmental resource impact at S-IJ50 was observed by the EI on 7/18/2024. The Environmental Auditor observed temporary waterbars placed across the slope and the contractor staff conducting ESC and SWM measures repair/maintenance activities at the time of the evaluation. Based on the evaluation, it appeared that the permanent waterbar end treatments directed a large volume of

runoff down the center of the slope which contributed to the impact. Based on communication with the Spread H LEI and MVP Environmental staff, an engineering review was underway to implement enhanced long term stabilization measures on the slope. On 9/18/2024, the Environmental Auditor conducted a follow up evaluation on the slope above S-IJ50 where an off right of way impact within an upland area was observed by the EI on the same day. The Environmental Auditor observed rip rap revetment installed throughout a portion of the slope above S-IJ50. However, it appeared that runoff concentrated between the edge of the rip rap and the edge of the right of way caused severe erosion and damage to the ESC measures. The contractor staff was initiating ESC measure repairs and off right of way sediment removal at the time of the evaluation. Based on communication with the LEI, a long term stabilization plan is being developed to install enhanced ESC measures within the impacted area.

On 7/9/2024, the Environmental Auditor conducted an evaluation MVP-RO-281 where an off right of way gravel impact was observed by the El on 7/5/2024. The access road was repaired and the ESC measures repaired and enhanced. The off right of way gravel was not removed and an indefinite extension request was approved by the VADEQ until landowner permission is granted. The extension request remains open as landowner permission has not been granted.

On 7/9/2024, the Environmental Auditor evaluated a location and west of MVP-RO-282 where the EI observed off right of way impacts on 7/5/2024. At the time of the evaluation, final grading and permanent restoration activities were occurring and the ESC measures appeared to be installed and functional. The off right of way sediment was not removed and an indefinite extension request was approved by the VADEQ until landowner permission is granted. On 8/6/2024 and 9/6/2024, the Environmental Auditor conducted a follow up evaluation where a reoccurring impact was observed by the EI on 7/23/2024. Based on the evaluation, it appeared that runoff from the permanent waterbar end treatments contributed to the impacts. The ESC measures were repaired/maintained; however, the Environmental Auditor observed erosion beneath the SSB. A recommendation was provided to install enhanced SSB due to concentrated flow conditions and ensuring it is properly anchored to minimize undermining. The minor off right of way sediment was not removed and an indefinite extension request was approved by the VADEQ until landowner permission is granted. The Environmental Auditor conducted an evaluation on 9/17/2024 and observed enhanced SSB installed.

On 7/22/2024, the Environmental Auditor conducted an evaluation east of MVP-MN-268.01 where the EI observed an off right of way impact resulting in environmental resource impacts at S-PP23 and S-G40 on 7/21/2024. At the time of the evaluation, the contractor staff was conducting sediment removal from streams S-PP23 and S-G40. The Environmental Auditor observed ESC and SWM measures damaged for approximately 500 feet within the right of way. The Environmental Auditor observed sediment at S-G40 extending approximately 2,000 feet downstream of the right of way. No off right of way sediment was removed at the time of the evaluation due to the hazardous/wet conditions throughout the right of way. Based on the evaluation, it appeared that runoff from the permanent waterbar end treatments contributed to the impacts. It should be noted that the Environmental Auditor evaluated this area on 7/16/2024 and observed the ESC and SWM measures installed and functional. On 8/2/2024, the Environmental Auditor conducted a follow up evaluation. On the slope east of S-PP23, it appeared that off right of way sediment was removed, the areas stabilized, and repairs conducted to the ESC and SWM measures. A temporary travel lane was constructed on the slope east of S-PP23 and temporary bridge crossings were reinstalled across S-PP23 and S-G40 to conduct the upslope repair/maintenance activities. Based on an evaluation at S-PP23, the Environmental Auditor observed two locations where additional sediment removal was necessary and discussed this issue with the onsite EI. On 8/27/2024, the Environmental Auditor conducted a follow up evaluation and observed the ESC and SWM measures installed and functional and the minor sediment deposits observed by the Environmental Auditor on 8/2/2024 removed from S-PP23. It should be noted that in response to the third party complaints filed with the VADEQ on 7/23/2024 and 7/25/2024, the Environmental Auditor also evaluated S-G36 (North Fork Roanoke River) on 7/22/2024 and 8/2/2024 following the high intensity/short duration storm events. At the time of the evaluations the Environmental Auditor observed the no project related impacts immediately downstream of the project area.

On 8/2/2024, the Environmental Auditor conducted site evaluations at MVP-MN-268.01 (GAS) where the EI observed an off right of way impact resulting in an environmental resource impact at S-G39 on 7/23/2024. Based on the evaluation, it appeared that concentrated runoff from the permanent waterbar end treatments caused erosion to overwhelm the ESC/SWM measures resulting in the off right of way and environmental resource impacts. At the time of the evaluation, it appeared that the sediment was removed from the stream. Temporary ESC measures and permanent SWM measures repairs were underway on the slope west of S-G39. The off right of way area impacted by the storm event had upslope sediment control measures installed; however, the Environmental Auditor recommended implementing erosion control measures on the slope and installing additional sediment control measures at the toe of the slope immediately above S-G39 to avoid potential future impacts. The Environmental Auditor also communicated concerns to the Spread H Environmental inspection staff, Chief EI, and MVP Environmental staff regarding concerns related to closing out daily MVP Punchlist items where final repairs/maintenance activities have not been completed. On 8/27/2024, the Environmental Auditor conducted a follow up evaluation

On 8/2/2024, the Environmental Auditor evaluated the right of way west and east of MVP-MN-270 where off right of way impacts and an environmental resource impact at S-MM15 were observed by the El on 7/23/2024. Based on the evaluation, it appeared that concentrated runoff from the permanent waterbar end treatments caused erosion to overwhelm the ESC and SWM measures resulting in the off right of way and environmental resource impacts. It appeared that repairs had been initiated on the upslope permanent waterbars and end treatments; however, the erosion was not repaired along the east edge of the right of way at the time of the evaluation. Recommendations were provided to install temporary ESC measures until conditions improved to avoid potential future impacts. Sediment removal was initiated within the right of way portion of S-MM15 and the overall impacted stream area extended to the MVP-MN-270 access road crossing approximately 4,000 feet below the right of way. On 8/27/2024, the Environmental Auditor conducted a follow up evaluation from the S-MM15 stream crossing at the access road up to the right of way and observed the sediment removed and impacted areas stabilized. The Environmental Auditor evaluated the right of way and observed the ESC and SWM measures installed and functional, off right of way sediment removed, and the areas stabilized.

The Spread H Environmental inspection staff, Chief EI, and Environmental Auditor continue to monitor locations throughout the right of way and communicate/coordinate to repair/maintain and implement additional (enhanced) ESC and SWM measures as necessary. The Environmental Auditor continues to communicate with the LEI, Assistant LEI, EC, Chief EI, onsite EIs, and MVP Environmental staff on a regular basis. Discussions entail project feedback, technical support, and recommendations/guidance to maintain compliance with the ESC/SWM Plans, SWPPP VSIRs, ODCP Inspection reports, and the AS&S. It should be noted that the Environmental Auditor will be conducting evaluations at locations where off right of way and environmental resource impacts occurred on 9/28/2024 and 9/29/2024 and providing documentation in the Q4 2024 report.

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

Environmental Auditor	Environmental Auditor Field Observations: July 1, 2024 – September 30, 2024								
Month	Total Observations								
July 2024	13								
August 2024	23								
September 2024	29								

Table H-1D

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, 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 Q3 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 properly installed/functional and enhanced where necessary to maintain compliance with the approved ESC Plans and Annual Standards and Specifications.

As the VADEQ is aware, there are instances noted in the Q4 2019 through Q2 2024 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.

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SPREAD

ENVIRONMENTAL AUDITOR PARTIAL BI-WEEKLY REPORT - 6/30/2024 through 7/7/2024 (BEGINNING OF Q3 2024 REPORTING PERIOD)

Report Period Ending: 7/7/2024

Report Prepared By: Joe Crea	
	SUMMARY OF FINDINGS
Total Number of SWPPP Inspections: 14 conducted from 7/1/2024 through 7/7/2024 (includes PY-006): Holiday on 7/4/2024	
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 7/1/2024 through 7/7/2024 (includes Carry Over Items from 6/30/2024): 19	
Total Number of ODCP Inspections at Laydown Yard PY-006: 5 (7/1/2024 through 7/3/2024 and 7/5/2024 through 7/6/2024): Holiday on 7/4/2024	
Total Number of VA DEQ. Observations from 7/1/2024 through 7/7/2024: 0	
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: **3** (1. On 7/5/2024, the El observed an off right of way gravel impact within an upland area at MVP-RO-281 (access road). On 7/4/2024, a storm event with high intensity/short duration rainfall in two hours causing ESC measures to become overwhelmed. The VADEQ was immediately notified and the ESC measures repaired/maintained. An indefinite extension request has been approved by the VADEQ until landowner permission is granted to conduct sediment removal and stabilization. No environmental resources were impacted. **2-3**. On 7/5/2024, the El observed two off right of way immediately notified and the ESC measures to become overwhelmed. The VADEQ was immediately notified and the ESC measures approximately 1.7 inches of rainfall in two hours causing ESC measures to become overwhelmed. The VADEQ was immediately notified and the ESC measures repaired/maintained. An indefinite extension request has been approved by the VADEQ until landowner permission is granted to conduct sediment removal and stabilization. No environmental resources were impacted. **2-3**. On 7/5/2024, the El observed uso iff way impacts within upland areas west MVP-RO-282 as a result of a storm event with high intensity/short duration rainfall in two hours causing ESC measures to become overwhelmed. The VADEQ was immediately notified and the ESC measures repaired/maintained. An indefinite extension request has been approved by the VADEQ until landowner permission is granted to conduct sediment removal and stabilization. No environmental resources were impacted. **2-3**. On 7/5/2024, the El observed uso off right of way gravel impacts within upland area at MVP-RO-282 as a result of a storm event with high intensity/short duration rainfall in two hours causing ESC measures to become overwhelmed. The VADEQ was immediately notified and the ESC measures areas used used intensity and the escence overwhelmed. An indefinite extension request has been approved by the VADEQ until landowner permission is granted to conduct s

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 7/1/2024 through 7/7/2024. CARRY OVER ITEMS FROM 6/30/2024

								CARRY OVER THEIN'S PROIN 0/30/2024			
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	
11/12/2020	2.4"-4.0" - 22 Hours *Remnants of Hurricane Eta continuing from 11/11/2020	1					1	2020 1 on 11/12, 11/18, 11/25, 12/9, 12/17, 12/23, and 12/30/2020 2021 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 2023 1/16, 2/16, 3/15, 4/14, 5/15, 6/15, 7/14, 8/15, 9/16, 10/17, 11/17, and 12/16/2023 2024 1/17, 2/17, 3/16, 4/16, 5/17, and 6/17 to be completed on 7/17/2024			The slip area west of Fla over the past four year:
4/12/2024	0.5"-2.6" - 18 Hours *Intermittent light rainfall followed by high intensity/short duration storm events occurred on 4/11/2024	1		1			1	1 on 4/13/2024 (24 Hours) extended indefinitely to be completed upon landowner permission			One item has been exte
5/8/2024		1		1			1	1 on 5/9/2024 (24 Hours) extended indefinitely to be completed upon landowner permission			One item has been exte
5/15/2024	0.8"-1.3" - 16 Hours *Precipitation with periods of high intensity/short duration rainfall occurred on 5/14/2024 into early morning 5/15/2024	3		3			3	3 on 5/16/2024 (24 Hours) extended indefinitely to be completed upon landowner permission			Three items have been

ENVIRONMENTAL AUDIT Joe Crea CPESC, CPSWQ Tetra Tech 661 Andersen Drive, Suit

ENVIRONMENTAL AUDITOR CONTACT INFORMATION Joe Crea CPESC, CPSWQ

661 Andersen Drive, Suite 200, Pittsburgh PA 15220

SUMMARY OF OBSERVATIONS

f Flanders Road has been stable since previous repairs were conducted and no issues have occurred ears. This item has been closed via approval by the VADEQ.

extended indefinitely via VADEQ approval until landowner permission is granted.

extended indefinitely via VADEQ approval until landowner permission is granted.

een extended indefinitely via VADEQ approval until landowner permission is granted.

								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	
7/1/2024		1					1			1 on 7/2/2024	One item was identified
7/5/2024	0.2"-1.7" - 3.25 Hours *Scattered thunderstorms with locations receiving 12 1 3 duration rainfall occurred on late 7/4/2024						12 (includes off right of way impacts and environmental resource impact)	4 on 7/6/2024 (environmental resource and off right of way impacts) extended indefinitely until landowner permission is granted	1 on 7/6/2024	1 on 7/5/2024 6 on 7/6/2024	Twelve items were ider timeframe. Three item and approximately 20 a duration rainfall caused measures repaired/mail No environmental reso and #955) on 7/5/2024 One item was identified storm event with high i the temporary easement approximately 400 feet measures were installe access is granted to cor right of way will be per on 7/5/2024. The MVP the storm event. The E
				1	•			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	
							LA	NDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION			NEAREST ROAD C	OR FEATURE				TOTAL NUMBER OBSERVATIONS			
							ENVIRONMEN	TAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION				OBSERVAT						CONCLUSION AND R	ECOMMENDATIONS
7/1/2024 through 7/7/2024	The Environmental Auditor Project. The Environmental Auditor		·					The Environmental Auditor concludes that SWPPP Inspections meet inspecti SWPPP, MVP Punchlist findings and communication with the Lead Environme the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater N	ental Inspector (LEI), As	sistant LEI, and Environ	
								REQUIRED FINDINGS AND CONCLUSIONS			
		Yes/No						If No, provide explanation and recommendation for co	orrective action (if any)	•	
Best management practice accordance with MVP's Ar Specifications and MVP's S Plans?		Yes									
The temporary erosion an measures are properly ins maintained?		Yes									
	aired and ESC Measures in ance are maintained within	Yes									

SUMMARY OF OBSERVATIONS

fied requiring ESC repair/maintenance and completed within the required timeframe.

e identified requiring ESC/SWM repair/maintenance and 8 were completed within the required items were identified as off right of way impacts approximately 5 feet at MVP-RO-281 (access road) /20 and 50 feet west of MVP-RO-282. On late 7/4/2024, a storm event with high intensity/short used ESC measures to become overwhelmed. The VADEQ was immediately notified and the ESC //maintained. Extension requests were approved by the VADEQ until land owner access is granted. resources were impacted. The LEI submitted Agency Compliance Forms (Problem Area Reports #954 2024. The Environmental Auditor will initiate site evaluations the week of 7/8/2024.

tified as an environmental resource impact at S-IJ50 east of MVP-RO-279.01. On late 7/4/2024, a ingh intensity/short duration rainfall caused approximately 1,000 feet of erosion and sloughing within ement of a permanently restored slope, overwhelmed the ESC measures, and subsequently impacting feet of S-IJ50 east of MVP-RO-279.01. The VADEQ was immediately notified and temporary ESC stalled on the slope. An indefinite extension request was approved by the VADEQ until landowner o conduct sediment/debris removal from the stream. Upon completion, the impacted portion of the e permanently restored. The LEI submitted an Agency Compliance Form (Problem Area Report #953) MVP Environmental staff is preparing a Courtesy Force Majeure Declaration due to the magnitude of the Environmental Auditor will conduct a site evaluation the week of 7/8/2024.

SUMMARY OF OBSERVATIONS

SUMMARY OF OBSERVATIONS

itoring and conducting enhancements as needed throughout the Spread H project. Based on the the Spread H Project appears to meet the MVP Annual Standards and Specifications as required by

MOUNTAIN VALLEY PIPELINE SPREAD н ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 7/8/2024 through 7/21/2024 ENVIRONMENTAL AUDITOR CONTACT INFORMATION Joe Crea CPESC, CPSWQ Tetra Tech 661 Andersen Drive, Suite 200, Pittsburgh PA 15220

Report Period Ending: 7/21/2024

Report Prepared By: Joe Crea

	SUMMARY OF FINDINGS
Total Number of SWPPP Inspections: 34 conducted from 7/8/2024 through 7/21/2024 (includes PY-006)	
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 7/8/2024 through 7/21/2024 (includes Carry Over Items from 7/7/2024): 40	
Total Number of ODCP Inspections at Laydown Yard PY-006: 6 (7/8/2024 through 7/13/2024); 6 (7/15/2024 through 7/20/2024)	
Total Number of VA DEQ Observations from 7/8/2024 through 7/21/2024: 1	
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: 3 (1 . On 7/9/2024, the EI was conducting a SWPPP inspection and observed an off right of way sediment impact east of MVP-MN-278.01. On 7/4/2024, a strong stor repaired/enhanced, sediment removed, and the area stabilized within the required timeframe via an extension request approval. This impact resulted in an environmental resource impact at S-MM22. 2 . On	

frame via an exte request approval. This impact resulted in an er issistant El observed an off right of way impact within an upland area east of MVP-MN-278.01. Due to extre ADEQ was immediately notified and the ESC measures were enhanced to minimize potential future impacts. An indefinite extension request was approved by the VADEQ until landowner access is granted. 3. On 7/21/2024 following a strong storm event, the El observed an off right of way impact east of MVP-MN-268.01. On the same day, strong storm events coupled with existing saturated conditions caused a slope to slough overwhelming the ESC measures. The VADEQ was immediately notified. It should be noted that this impact resulted in environmental resource impacts at S-PP23 and S-G40. The impacted area has 24 Hours to be completed within the required timeframe). Refer to Environmental Inspector Observations for further discussion.

Total Number of Environmental Resource Impacts: 4 (1. On 7/9/2024, the El was conducting a SWPPP inspection and observed an environmental resource impact at S-MM22 east of MVP-MN-278.01. On 7/4/2024, a strong storm event with high intensity/short duration rainfall produced approximately 1.7 inches of rainfall in two hours causing upslope ESC measures to become overwhelmed, resulting in an off right of way impact, and subsequently impacting approximately 250 feet of S-MM22. The VADEQ was immediately notified, ESC measures repaired/enhanced, sediment removed, and the area stabilized within the required timeframe via an extension on 7/15/2024. **2.** On 7/18/2024, the El observed an environmental resource impact at S-IJ50 east of MVP-RO-279.01. On 7/18/2024, a strong storm event with high intensity/short duration rainfall in .5 hours. This event caused approximately 1.000 feet of a slope to slough overwhelming ESC measures and subsequently impacting approximately 500 feet of S-IJ50. It should be noted that this exact location was mpacted by a strong storm event on 7/4/2024. The VADEQ was immediately notified and temporary ESC measures installed. An indefinite extension request was approved by the VADEQ until landowner access is granted. A Courtesy Notice of Force Majeure Declaration is being prepared by the VADEQ until landowner access is granted. A Courtesy Notice of Force Majeure Declaration is being prepared by the VADEQ until landowner access is granted. A Courtesy Notice of Force Majeure Declaration is being prepared by the VADEQ until landowner access is granted. On the same day, strong storms with high intensity/short duration rainfall produced approximately 0.9 inches of rainfall in one hour. This event coupled with existing saturated conditions caused a slope to fail east of the streams. The impact stave 24 Hours to be completed within the required timeframe. A Courtesy Notice of Force Majeure Declaration is being repared by the MVP Environmental staff). Refer to Environmental Inspector Observations for further discussion.

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

es in Need of Routine Maintenand	te Not Maintaineu	within timetrames Re	quired by IVIVP's An	nual stanuarus anu spe	cifications of as Othe	rwise provided in the	consent Decree: U			
Auditor's observations, the reso	urces available and	l deployed in the field	, including environn	nental inspectors and t	he construction cont	ractor, were sufficien	t to regularly and consistent	y repair ineffective BN	NP measures in a time	ly manner from 7/8/2024 through 7/21/2024.
							CARRY OVER ITE	MS FROM 7/7/2024		
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	SUMMAI
0.5"-2.6" - 18 Hours *Intermittent light rainfall followed by high intensity/short duration storm events occurred on 4/11/2024	1		1			1	1 on 4/13/2024 extended indefinitely to be completed upon landowner permission			One item has been extended indefinitely via VADEQ approval until landowner per
	1		1			1	1 on 5/9/2024 extended indefinitely to be completed upon landowner permission			One item has been extended indefinitely via VADEQ approval until landowner per
0.8"-1.3" - 16 Hours Precipitation with periods of high intensity/short duration rainfall occurred on 5/14/2024 into early morning 5/15/2024	3		3			3	3 on 5/16/2024 extended indefinitely to be completed upon landowner permission			Three items have been extended indefinitely via VADEQ approval until landowner
0.2"-1.7" - 3.25 Hours *Scattered thunderstorms with locations receiving high intensity/short duration rainfall occurred on late 7/4/2024	4	1	3			4	4 on 7/6/2024 extended indefinitely to be completed upon landowner permission	1 on 7/13/2024 (environmental resource impact)		Three items were identified as off right of way impacts within upland areas and or storm event with high intensity/short duration rainfall caused a slope to slough or resource impact was completed within the required timeframe via an extension rr Declaration on 7/10/2024 and a Final Notice of Force Majeure Declaration on 7/10 gravel/sediment impacts within three upland locations at the MVP-RO-281 access the Bi-Weekly Report ending on 7/7/2024. However, these items received indefir remaining three items received an indefinite extension request approval until la
	n				L		ENVIRONMENTAL INS	PECTOR OBSERVATIO	NS	
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	SUMMAI
	9	1	1			5	1 on 7/10/2024 extended indefinitely upon landowner permission	1 on 7/10/2024 1 on 7/12/2024 (extension requests)	1 on 7/10/2024 6 on 7/12/2024	Nine items were identified requiring ESC repair/maintenance and completed with paralleling the right of way for approximately 900 feet extending to 30 feet off rig approximately 250 feet of S-MM22 east of MVP-MN-278.01. On 7/4/2024, a stroi overwhelmed. The VADEQ was immediately notified, landowner access granted, the required timeframe via an extension request approval. The LEI submitted an staff submitted a Courtesy Notice of Force Majeure Declaration on 7/10/2024 and
	4					4			1 on 7/10/2024 1 on 7/11/2024 2 on 7/12/2024	Four items were identified requiring ESC and SWM repair/maintenance and comp
	Auditor's observations, the reso PRECIPITATION AMOUNT AND DURATION 0.5"-2.6" - 18 Hours *Intermittent light rainfall followed by high intensity/short duration storm events occurred on 4/11/2024 0.8"-1.3" - 16 Hours Precipitation with periods of high intensity/short duration rainfall ccurred on 5/14/2024 into early morning 5/15/2024 0.2"-1.7" - 3.25 Hours *Scattered thunderstorms with locations receiving high intensity/short duration rainfall occurred on late 7/4/2024 PRECIPITATION AMOUNT AND	Auditor's observations, the resources available and PRECIPITATION AMOUNT AND DURATION TOTAL NUMBER OBSERVATIONS 0.5"-2.6" - 18 Hours "Intermittent light rainfall followed by high intensity/short duration storm events occurred on 4/11/2024 1 0.8"-1.3" - 16 Hours Precipitation with periods of high intensity/short duration rainfall ccurred on 5/14/2024 into early morning 5/15/2024 3 0.2"-1.7" - 3.25 Hours "Scattered thunderstorms with locations receiving high intensity/short duration rainfall occurred on late 7/4/2024 4 PRECIPITATION AMOUNT AND DURATION TOTAL NUMBER OBSERVATIONS	Auditor's observations, the resources available and deployed in the field PRECIPITATION AMOUNT AND DURATION TOTAL NUMBER OBSERVATIONS ENVIRONMENTAL RESOURCE IMPACT 0.5"-2.6" - 18 Hours "Intermittent light rainfall followed by high intensity/short duration storm events occurred on 4/11/2024 0.8"-1.3" - 16 Hours O.8"-1.3" - 16 Hours O.8"-1.3" - 16 Hours O.8"-1.3" - 16 Hours O.8"-1.3" - 16 Hours O.2"-1.7" - 3.25 Hours "Scattered thunderstorms with locations rainfall occurred on 5/14/2024 into early morning 5/15/2024 PRECIPITATION AMOUNT AND DURATION TOTAL NUMBER DURATIONS ENVIRONMENTAL RESOURCE IMPACT 9 1 	Auditor's observations, the resources available and deployed in the field, including environm PRECIPITATION AMOUNT AND DURATION TOTAL NUMBER OBSERVATIONS ENVIRONMENTAL RESOURCE IMPACT OFF RIGHT OF WAY IMPACT 0.5"-2.6" - 18 Hours "Intermittent light rainfall followed by high intensity/short 1 1 1 0.5"-1.6" - 18 Hours 1 1 1 1 0.6"-1.3" - 16 Hours 1 1 1 1 0.8"-1.3" - 16 Hours 3 3 3 Precipitation with periods of high intensity/short duration rainfall cccurred on 5/14/2024 into early morning 5/15/2024 3 3 0.2"-1.7" - 3.25 Hours 4 1 3 "Scattered thunderstorms with locations receiving high intensity/short duration rainfall occurred on late 7/4/2024 4 1 3 PRECIPITATION AMOUNT AND DURATION TOTAL NUMBER OBSERVATIONS ENVIRONMENTAL RESOURCE IMPACT OFF RIGHT OF WAY IMPACT	Auditor's observations, the resources available and deployed in the field, including environmental inspectors and t PRECIPITATION AMOUNT AND DURATION TOTAL NUMBER RESOURCE IMPACT OFF RIGHT OF WAY IMPACT RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE 0.5"-2.6" - 18 Hours "Intermittent light rainfall followed by high intensity/short duration storm events occurred on 4/11/2024 1 1 0.8"-1.3" - 16 Hours "recipitation with periods of high intensity/short duration rainfall occurred on 5/14/2024 into early morning 5/15/2024 3 3 0.2"-1.7" - 3.25 Hours "Scattered thunderstorms with locations receiving high intensity/short duration rainfall occurred on late 7/4/2024 4 1 3 PRECIPITATION AMOUNT AND DURATION TOTAL NUMBER PRECIPITATION AMOUNT AND DURATION TOTAL NUMBER PRECIPITATION AMOUNT AND DURATION RIGHT OF WAY WAY IMPACT RIGHT OF WAY WAY IMPACT	Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction cont RECIPITATION AMOUNT AND DURATION TOTAL NUMBER ENVIRONMENTAL RESOURCE IMPACT OF RIGHT OF WAY IMPACTS CAUSED & WEATHER RELATED DAMAGE RIGHT OF WAY IMPACTS CAUSED & WAY IMPACT 0.5"-2.6"-18 Hours "Intermittent light rainfall ollowed by high intensity/short duration storm events occurred on 4/11/2024 1 1 Impacts CauseD & Variable RIGHT OF WAY IMPACTS CAUSED OF RIGHT OF WAY MPACTS CAUSED RIGHT OF WAY IMPACTS CAUSED OF THIRD PARTIES 0.8"-1.3" - 16 Hours Precipitation with periods of high intensity/short duration rainfall cccurred on 5/14/2024 into early morning 5/15/2024 3 3 Impacts CauseD & Variable Impacts CauseD & Variable 0.2"-1.7" - 3.25 Hours "Scattered thunderstorms with locations receiving high intensity/short duration rainfall cccurred on late 7/4/2024 4 1 3 Impacts CauseD & Variable RIGHT OF WAY IMPACTS CAUSED DY WAY IMPACT PINIRD PARTIES 9 1 1 1 Impacts CauseD DY WAY IMPACTS CAUSED DY WAY IMPACT PINIRD PARTIES DAMAGE Impacts CAUSED BY THIRD PARTIES	Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient RECIPITATION AMOUNT AND DURATION TOTAL NUMBER ENVIRONMENTAL OSERVATIONS RIGHT OF WAY IMPACTS CAUSED BY MIRACTS CAUSED BY THIRD PARTIES MAINTENANCE/ REPAIR 0.5"-2.6" - 18 Hours ''intermittent light rainfall 'oliowed by high intensity/short light rainfall 'oliowed by high intensity/short light rainfall 'oliowed by high intensity/short duration rainfall occurred on 5/14/2024 into early moring 5/12/024 1 1 1 1 1 0.6"-1.3" - 16 Hours ''intermittent duration rainfall occurred on 5/14/2024 into early moring 5/12/024 3 3 3 3 3 3 4 4 0.2"-1.7" - 3.25 Hours ''s cattered thunderstorms with locations receiving high intensity/short duration rainfall occurred on 15/14/2024 into early moring 5/12/024 4 4 4 4 4 4 5 6 6 MAINTENANCE/ REPAIR A 4 4 5	PRECIPITATION AMOUNT AND DURATION TOTAL NUMBER OBSERVATIONS ENVIRONMENTAL OBSERVATIONS OFF RIGHT OF RESOURCE IMPACT RIGHT OF WAY MADACTS CAUSED BY WEATHER RELATED DAMAGE MAINTENANCE/ BY THIRD PARTIES TOTAL NUMBER EXTENSION REQUESI(S) 0.57-2.5" - 13 Hours "Intermittent light rainfall Olowed by high intensity/shot on 4/11/2024 1<	Additor'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 BD REGIPTION AMOUNT AND DUGATION AMOUNT AND DUGATION AMOUNT AND DOSERVATION TOTAL NUMBER ENVIRONMENTAL DOSERVATION OF FIGHT OF WAY WAY IMPACT WAY WAY IMPACT WAY WAY IMPACT WAY WAY IMPACT SCAUSED DAMAGE RIGHT OF WAY IMPACTS CAUSED WITHOUT PARTIES TOTAL NUMBER ENTIRESION REQUISTIS DATE COMPLETED 24-HOURS 0.5°-2.2°-1.81 Hours "Intermittent light rainfall Dived by high intensity.ihort on 4/11/2024 1 0.471 COLSPAN (MARCT CAUSED WITHOUT PARTIES) MAINTENANCL/ WAY IMPACT WAY WAY IMPACT CAUSED WITHOUT PARTIES 1 0.4712/024 extended indefinitely to be completed upon landowner permission 0.8°-1.3°-16 Hours "Receiption with periods finigh duration structure repair by high receiption with periods finigh Caurered on 5/14/2024 intensity.ihord charator antivall and the periods finigh caurered marketinely to be completed upon landowner permission 3 3 3 4 1 0 7/13/2024 (environmental resource marketinely to be completed upon landowner permission 0.2°-1.7'-1.2'S Hours "Stattered Hunderstorms with the conting the proving high intensity.ihord charator antivall occurred on late 7/4/2024 4 1 0 1 0 7/13/2024 (environmental resource marketing way IMPACT 1 0 1 0 1	Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and constantivity repair inefficient BMP measures in a time CARRY OVER INTERNANCE/ DURATION AMOUNT AND DOSENVATIONS TOTAL NUMBER INFORMENTAL DURATION SECURE INFORMENTAL DURATION SECURE INFOR

asures to become overwhelmed. The VADEQ was immediately notified, ESC measures nely dry conditions, a slough occurred on the slope subsequently overwhelming the ESC measures. The

MARY OF OBSERVATIONS

permission is granted.

permission is granted. Currently, landowner permission has been denied.

ner permission is granted.

nd one item was identified as an environmental resource impact at S-IJ50. On late 7/4/2024, a h overwhelming ESC measures and subsequently impacting the stream. The environmental on request approval. The MVP Environmental staff submitted a Courtesy Notice of Force Majeur 7/15/2024. The same storm event caused ESC measures to become overwhelmed resulting in cess road and west of MVP-RO-282. The ESC measures were immediately repaired/enhanced per lefinite extension requests approved by the VADEQ until landowner access is granted. The il landowner access is granted.

MARY OF OBSERVATIONS

within the required timeframe. One item was identified as an off right of way sediment impact f right of way within an upland area east of MVP-MN-278.01. This event subsequently impacted strong storm event with high intensity/short duration rainfall caused ESC measures to become ed, ESC measures repaired/enhanced, sediment removed and the impacted areas stabilized within an Agency Compliance Form (Problem Area Report #975) on 7/9/2024. The MVP Environmental and a Final Notice of Force Majeure Declaration on 7/15/2024.

ompleted within the required timeframe.

7/15/2024		3		1			3 (includes off right of way impact)	1 on 7/16/2024 extended indefinitely upon landowner permission		2 on 7/15/2024	Three items were identified requiring ESC and Pollution Prevention repair/mai of way impact approximately 100 feet within an upland area east of MVP-MN- immediately notified and the ESC measures were enhanced to minimize poten until landowner permission is granted. The LEI submitted an Agency Complian
7/17/2024	0.0"-0.5" - 1 Hour *Scattered storms occurred on late 7/16/2024	3					3			1 on 7/17/2024 1 on 7/18/2024 1 on 7/19/2024	Three items were identified requiring ESC repair/maintenance and completed
7/18/2024	0.0"-0.4" - 1 Hour *Scattered storms occurred on late 7/17/2024	2	1				2 (includes environmental resource impact)	1 on 7/19/2024 extended indefinitely upon landowner permission	1 on 7/19/2024		Two items were identified requiring ESC and Pollution Prevention repair/maint environmental resource impact at S-IJ50 east of MVP-RO-279.01. Per the Envir impacts occurred from the 7/4/2024 storm event. On 7/18/2024, the contract event. On 7/18/2024, a strong storm event with high intensity/short duration impacting approximately 500 feet of the S-IJ50 stream channel. The VADEQ wi was approved by the VADEQ until landowner permission is granted. It should l Environmental staff are coordinating to develop an enhanced ESC measures pl (Problem Area Report #953-revised from 7/5/2024) on 7/18/2024. The MVP E
7/19/2024	0.4"-1.2" - 2 Hours *A strong thunderstorm occurred on 7/18/2024	5					5			3 on 7/19/2024 1 on 7/20/2024	Five items were identified requiring ESC and SWM repair/maintenance and for The remaining item has three days to be completed within the required time
7/21/2024	0.4"-1.1" - 2.75 Hours *Strong storm events	5	2	1			5 (includes off right of way and environmental resources impacts)				Five items were identified requiring ESC and SWM repair/maintenance. One it subsequently resulting in two environmental resource impacts at S-PP23 and S saturated conditions caused a slope to fail, overwhelming ESC measures, result then traveled approximately 1500 feet subsequently impacting S-PP23 and S-G fway. No impacts were observed at S-G36. It should be noted that the Envir ESC/SWM measures installed and functional at the time of the evaluation. No immediately notified and the LEI submitted an Agency Compliance Form (Prob Notice of Force Majeure Declaration. Two of the items have 24 hours (off right of way and environmental resource timeframe .
								VADEQ OB	SERVATIONS		
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	SUMM
7/16/2024		1					1			1 on 7/17/2024	One item was identified requiring ESC repair/maintenance and completed with
							I	LANDOWNER/THIRD PAR		AINTS	1
DATE OF OBSERVATION			NEAREST ROAD OR	FEATURE				TOTAL NUMBER OB	SERVATIONS		SUMN
							ENIVIRON	IMENTAL AUDITOR FIELD OB			
DATE OF OBSERVATION			OB	SERVATIONS			Livinoi				CONCLUSION AND RECOMMENDATIONS
7/9/2024	The Environmental Auditor conduc (Access Roads), MVP-RO-281.02 (G			tions: MVP-RO-280/	'MVP-ATWS-1224, MVP-	-RO-279.01 (GAS), M\		Coordinator (EC), Chief EI, an The Environmental Auditor c installed/repaired and the co	nd MVP Environmental conducted a site evalua ontractor staff initiatin	l staff regarding obser ation at MVP-RO-279. g soil/material remov	measures appeared to be installed and functional at the time of the evaluation. rvations and recommendations related to ESC measures repair/maintenance and 01 (GAS) where an environmental resource impact occurred at S-IJ50 due to a he al at S-IJ50. The Environmental Auditor conducted site evaluations at MVP-RO-2 uditor observed the ESC measures repaired/maintained; however, the off right c
7/16/2024	The Environmental Auditor conduc MN-273 (Access Road), and MVP-N		s at the following loca	tions: MVP-MN-268.	.01 (GAS), MVP-MN-270	0 (CIS/GAS), MVP-MN	-270.01 (CIS), MVP-	The Environmental Auditor o			measures appeared to be installed and functional at the time of the evaluation. ed to ESC measures repair/maintenance and installing sediment control measur
7/8/2024 through 7/21/2024	The Environmental Auditor reviews Spread H Project. The Environmental Auditor commu Auditor provided continued recom Standards and Specifications and co	ed and noted the da unicated with all Spr mendations to insta	read LEIs on 7/17/202 all appropriate ESC me	4 regarding the Bi-W easures when straw	Veekly reporting period mulch is rendered ineff	ending on 7/21/2024	. The Environmental	The Environmental Auditor c MVP Punchlist findings and c Erosion and Sediment Contro	concludes that SWPPP communication with th ol Law (VESCL) and the	Inspections meet insp ne Lead Environmenta Stormwater Manage	pection timeframe requirements and recommends continued BMP monitoring an al Inspector (LEI), Assistant LEI, and Environmental Coordinator, the Spread H Prc
		N (**						REQUIRED FINDING	SS AND CONCLUSIONS		
		Yes/No							it No, provide expl	anation and recommo	endation for corrective action (if any).
Best management practice accordance with MVP's An and MVP's Site Specific ESG	nual Standards and Specifications	Yes									
The temporary erosion and properly installed, inspected	d sediment control measures are ed, and maintained?	Yes									
All Ineffective Temporary E Measures are repaired and	Frosion and Sediment Control ESC Measures in Need of	Yes									

/maintenance and completed within the required timeframe. One item was identified as an off right MN-278.01. A dust slide occurred on a steep slope due extreme dry soil conditions. The VADEQ was otential future dust related impacts. An indefinite extension request was approved by the VADEQ bliance Form (Problem Area Report #982) on 7/20/2024.

ted within the required timeframe.

naintenance and one was completed within the required timeframe. One item was identified as an Environmental Auditor's Partial Bi-Weekly Report ending on 7/7/2024, this is the same location where tractor staff was completing ESC and SWM repairs on the right of way due to the 7/4/2024 storm tion rainfall caused the right of way to slough, overwhelming the ESC measures, and subsequently Q was immediately notified and temporary ESC measures installed. An indefinite extension request suld be noted that the Spread H Environmental inspection staff, contractor staff, and MVP so plan to minimize potential future impacts. The LEI submitted an Agency Compliance Form VP Environmental staff is preparing a Courtesy Notice of Force Majeure Declaration.

d four were completed within the required timeframe. timeframe.

ne item was identified as an off right of way impact approximately 1500 feet within an upland area and S-G40 east of MVP-MN-268.01. On 7/21/2024, strong storm events coupled with existing esulting in the off right of way approximately 150 feet to a natural drainage feature. The sediment is S-G40. The El observed the extent of the S-G40 sediment impact approximately 2,000 feet off right invironmental Auditor conducted an evaluation at this location on 7/16/2024 and observed the No project related impacts were observed at the time of the evaluation. The VADEQ was Problem Area Report #984) the same day. The MVP Environmental staff is preparing a Courtesy

urce impacts) and three of the items have three days to be completed within the required

UMMARY OF OBSERVATIONS

within the required timeframe.

JMMARY OF OBSERVATIONS

ion. The Environmental Auditor communicated with the LEI, Assistant LEI, Environmental and enhancements along an access road.

a heavy storm event on late 7/4/2024. The Environmental Auditor observed interim ESC measures RO-281 (access road) and MVP-RO-282 (CIS) where off right of way gravel and sediment impacts ght of way gravel and soil was not removed due to landowner access not granted at the time of the

ion. The Environmental Auditor communicated with the LEI, Assistant LEI, EC, Chief EI, and MVP asures along a restored access road.

ng and conducting enhancements as needed throughout the Spread H project. Based on the SWPPP, I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia

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ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 7/22/2024 through 8/4/2024

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

Report Period Ending: 8/4/2024

Report Prepared By: Joe Crea

								SUMMARY OF FIN	DINGS		
Total Number of SWPPP In	nspections: 36 conducted from 7/22	2/2024 through 8/4/	(2024 (includes PY-006))	; Refer to Environ	mental Auditor Field O	bservations and Recom	mendations for further	discussion.			
Total Number of Environn	mental Inspector (EI) Erosion and Se	diment Control (ESC) Observations from 7/2	2/2024 through 8	/4/2024 (includes Carry	Over Items from 7/21/2	2024): 59				
Total Number of ODCP Ins	spections at Laydown Yard PY-006:	7 (7/22/2024 throug	h 7/28/2024); 7 (7/29/2	024 through 8/4/	2024)						
Total Number of VA DEQ	Observations from 7/22/2024 throu	ugh 8/4/2024: 1									
completion on the slope v alleged "muddy runoff be	west of MVP-MN-276.03. Based on	communication with on the North Fork o	h the LEI, the contractor f the Roanoke River". P	was applying wat er the Closure sec	er to suppress dust thro tion of the IR on 7/26/2	oughout areas of the slo 024, no compliance issu	pe during the dry period. les were observed. 3. A t	Per the Closure Section of the I	R on 8/2/2024, no co	mpliance issues were	nent goes up and down slope". On 7/22/2024, the Environmental Auditor come e observed. 2. A third party complaint was observed on 7/18/2024 and filed w 4 (Pollution Investigation Report_IR #314813). The complainant alleged "pers
Total Number of Right of	Way Impacts Caused by Third Partie	es: O									
Total Number of Right of	Way Impacts Caused by Weather Re	elated Damage (dam	aged ESC measures fror	n fallen debris): 0							
causing ESC and SWM me	asures to become overwhelmed. It	should be noted th	at in most locations, run	off from the perm	anent waterbar end tre	eatments contributed to	the impacts. The VADEC) was immediately notified, land	owner access granted	d at four locations, m	ong storm event with high intensity/short duration rainfall coupled with existin ost ESC and SWM measures repaired/enhanced in entirety, sediment removed oservations and Recommendations for further discussion.
measures to become over	rwhelmed. It should be noted that i	in most locations, ru	noff from the permaner	nt waterbar end tr	eatments contributed to	o the impacts. The VAD	EQ was immediately noti	fied, landowner access granted a	at two locations, ESC	measures repaired/e	high intensity/short duration rainfall coupled with existing saturated condition nhanced, sediment removed, and the areas stabilized within the required time al Inspector Observations and Environmental Auditor Field Observations and
Total Number of ESC Mea	sures in Need of Routine Maintena	nce Not Maintained	Within Timeframes Req	uired by MVP's Ar	nual Standards and Spe	ecifications or as Otherw	vise Provided in the Cons	ent Decree: 0			
Based on the Environmer	ntal Auditor's observations, the res	ources available an	d deployed in the field,	including environ	mental inspectors and	the construction contra	actor, were sufficient to	regularly and consistently repai	r ineffective BMP me	easures in a timely m	anner from 7/22/2024 through 8/4/2024 .
								CARRY OVER ITEMS FROM	VI 7/21/2024		
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	SUMM
4/12/2024	0.5"-2.6" - 18 Hours *Intermittent light rainfall followed by high intensity/short duration storm events occurred on 4/11/2024	1		1			1	1 on 4/13/2024 extended indefinitely to be completed upon landowner permission			One item has been extended indefinitely via VADEQ approval until landowne
5/8/2024		1		1			1	1 on 5/9/2024 extended indefinitely to be completed upon landowner permission			One item has been extended indefinitely via VADEQ approval until landowne
5/15/2024	0.8"-1.3" - 16 Hours *Precipitation with periods of high intensity/short duration rainfall occurred on 5/14/2024 into early periors 5/16/2021	3		3			3	3 on 5/16/2024 extended indefinitely to be completed upon landowner permission			Three items have been extended indefinitely via VADEQ approval until lando

	occurred on 5/14/2024 into early morning 5/15/2024						landowner permission		
7/5/2024	0.2"-1.7" - 3.25 Hours *Scattered thunderstorms with locations receiving high intensity/short duration rainfall occurred on late 7/4/2024	3		3		3 (off right of way impacts)	3 on 7/6/2024 extended indefinitely to be completed upon landowner permission		Three items have been extended indefinitely via VADEQ approval until landow
7/15/2024		1		1		1	1 on 7/16/2024 extended indefinitely upon landowner permission		One item has been extended indefinitely via VADEQ approval until landowner
7/18/2024	0.0"-0.4" - 1 Hour *Scattered storms occurred on late 7/17/2024 and 0.4"-1.2" - 2 Hours *A strong thunderstorm occurred on 7/18/2024	1	1			1	1 on 7/19/2024 extended indefinitely upon landowner permission		The EI identified an environmental resource impact at S-IJ50 east of MVP-RO- the same location where impacts occurred from the 7/4/2024 storm event. C to the 7/4/2024 storm event. On 7/18/2024, a strong storm event with high i measures, and subsequently impacting approximately 500 feet of the S-IJ50 c indefinite extension request was approved by the VADEQ until landowner acc Environmental staff are coordinating to implement enhanced repair measures (Problem Area Report #953) on 7/25/2024. The MVP Environmental staff sub Force Majeure Declaration on 7/28/2024, respectively.
7/19/2024	0.4"-1.2" - 2 Hours *A strong thunderstorm occurred on 7/18/2024	1				1	1 on 7/22 and 7/25/2024 to be completed on 7/28/2024 due to wet conditions	1 on 7/28/2024	One item was identified requiring ESC and SWM repair/maintenance and com

r conducted a site evaluation at this location and observed permanent restoration activities nearing led with the VADEQ on 7/23/2024 (Pollution Investigation Report_IR #314782). The complainant 'persistent poor stream water quality'' in the North Fork of the Roanoke River "one mile

xisting saturated condition produced approximately 1.5 inches to 1.8 inches of rainfall in 1.5 hours oved, and the areas stabilized within the required timeframe via extension request approvals. The

ditions produced approximately 1.5 inches to 1.8 inches of rainfall in 1.5 hours causing ESC I timeframe via extension request approvals. The remaining one location at S-MM15 has been s and Recommendations for further discussion.

MMARY OF OBSERVATIONS

wner permission is granted.

wner permission is granted. Currently, landowner permission has been denied.

ndowner permission is granted.

ndowner permission is granted.

wner permission is granted.

-RO-279.01. Per the Environmental Auditor's Partial Bi-Weekly Report ending on 7/7/2024, this is nt. On 7/18/2024, the contractor staff was completing ESC/SWM repairs on the right of way due igh intensity/short duration rainfall caused the right of way to slough, overwhelming the ESC J50 channel. The VADEQ was immediately notified and temporary ESC measures inselled. An rr access is granted. It should be noted that the Spread H Environmental inspection staff and MVP sures to minimize potential future impacts. The LEI submitted a revised Agency Compliance Form f submitted a Courtesy Notice of Force Majeure Declaration on 7/23/2024 and a Final Notice of

completed within the required timeframe.

Sector 37 Miles												
NAMENEXTOR ADDATENEXTOR ADDATE<	7/21/2024		5	2	1			(includes off right of way and environmental	7/25 to be completed on 7/26/2024 due to wet conditions 1 on 7/22, 7/23, 7/24, 7/25, and 7/26/2024 to be completed on 8/2/2024 due to wet conditions 3 on 7/24/2024 to be completed on 7/27/2024		3 on 7/26/2024	Five items were identified requiring ESC and SWM repair/maintenance and identified as an off right of way sediment impact approximately 1500 feet w and 5-G40 east of MVP-MN-268.01. On 7/21/2024, strong storm events co measures, resulting in the off right of way approximately 150 feet to a natu PP23 and 5-G40. Approximately 2,000 feet of sediment impacted S-G40. E concentrated runoff from the permanent waterbar end treatments contrible ESC/SWM measures repaired/enhanced, sediment removed, and the impact submitted an Agency Compliance Form (Problem Area Report #984) on 7/2. The MVP Environmental staff submitted a Courtesy Notice of Force Majeure respectively.
one of control control bit control bit control 									ENVIRONMENTAL INSPECTOR	OBSERVATIONS		·
Magging <td>DATE OF OBSERVATION</td> <td></td> <td></td> <td></td> <td></td> <td>IMPACTS CAUSED BY WEATHER RELATED</td> <td>IMPACTS CAUSED BY</td> <td></td> <td></td> <td></td> <td></td> <td>SUMI</td>	DATE OF OBSERVATION					IMPACTS CAUSED BY WEATHER RELATED	IMPACTS CAUSED BY					SUMI
Frank Frank Frank Frank 	7/22/2024		5					5				Five items were identified requiring ESC and SWM repair/maintenance and
7/24/2024*Scattered showers occurred on from 7/24/2024 into 7/24/20243111 <th< td=""><td>7/23/2024</td><td>*Strong thunderstorms occurred</td><td>24</td><td>3</td><td>6</td><td></td><td></td><td>24</td><td>(extended indefinitely upon</td><td>1 on 7/24/2024 1 on 7/25/2024 (extension request) 1 on 7/26/2024 (extension request) 1 on 7/28/2024 (extension request) 1 on 7/30/2024</td><td>3 on 7/24/2024 2 on 7/25/2024</td><td>Three items were identified as environmental resource impacts at S-G39 ea 7/22/2024 and 7/23/2024, storm events with intervals of high intensity/sho to become overwhelmed. It should be noted that runoff from the permane impacts. At S-G39, erosion caused sloughing on the above slope impacting immediately notified, landowner access granted, most ESC measures were r erosion occurred along the edge of the right of way impacted approximately VADEQ was immediately notified and most ESC measures were repaired/en approved by the VADEQ. At S-EF19, approximately 250 feet of the slope slo immediately notified, landowner access granted, ESC measures repaired/en via an extension request approval. The LEI submitted Agency Compliance F. Environmental staff submitted a Courtesy Notice of Force Majeure Declarat</td></th<>	7/23/2024	*Strong thunderstorms occurred	24	3	6			24	(extended indefinitely upon	1 on 7/24/2024 1 on 7/25/2024 (extension request) 1 on 7/26/2024 (extension request) 1 on 7/28/2024 (extension request) 1 on 7/30/2024	3 on 7/24/2024 2 on 7/25/2024	Three items were identified as environmental resource impacts at S-G39 ea 7/22/2024 and 7/23/2024, storm events with intervals of high intensity/sho to become overwhelmed. It should be noted that runoff from the permane impacts. At S-G39, erosion caused sloughing on the above slope impacting immediately notified, landowner access granted, most ESC measures were r erosion occurred along the edge of the right of way impacted approximately VADEQ was immediately notified and most ESC measures were repaired/en approved by the VADEQ. At S-EF19, approximately 250 feet of the slope slo immediately notified, landowner access granted, ESC measures repaired/en via an extension request approval. The LEI submitted Agency Compliance F. Environmental staff submitted a Courtesy Notice of Force Majeure Declarat
7/2/2024**sattered showers occurred from 7/2/2024 into 7/2/202422111 <td>7/24/2024</td> <td>*Scattered showers occurred on</td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td>3</td> <td></td> <td></td> <td></td> <td>Three items were identified requiring ESC and SWM repair/maintenance an</td>	7/24/2024	*Scattered showers occurred on	3					3				Three items were identified requiring ESC and SWM repair/maintenance an
1/2/2/2/211<	7/25/2024	*Scattered showers occurred	2					2			2 on 7/26/2024	Two items were identified requiring ESC repair/maintenance and completed
8/1/202411II </td <td>7/29/2024</td> <td></td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td>3</td> <td></td> <td></td> <td></td> <td>Three items were identified requiring ESC and SWM repair/maintenance an</td>	7/29/2024		3					3				Three items were identified requiring ESC and SWM repair/maintenance an
Bit Algorithm Bit Algorithm<	7/31/2024		1					1		1 on 7/31/2024		One identified requiring ESC repair/maintenance and completed within the
Bit Algorithm Bit Algorithm<			1					1			1 on 8/2/2024	One identified requiring ESC repair/maintenance and completed within the
DATE OF OBSERVATION DURATION AMOUNT AND DURATION TOTAL NUMBER ENVIRONMENTAL RESOURCE IMPACT OFF RIGHT OF WAY IMPACTS CAUSED BY WAY IMPACTS CAUSED BY THIRD PARTIES MAINTENANCC/ REPAIR TOTAL NUMBER EXTENSION REQUEST(S) DATE COMPLETED 24-HOURS DATE COMPLETED 7HEE DAYS		*Scattered storm events with area of high intensity/short duration										Four items were identified requiring ESC and SWM repair/maintenance and
Date of OBSERVATION DVRALING AMOUNT AND DURATION DTAL NUMBER REVORCE IMPACT OF F RIGHT of WAY IMPACT MARING AMOUNT AND TRADE TO THE PARTIES DATE COMPLETE TO THE PARTIES									VADEQ OBSERVA	IONS		
7/23/2024 *Strong thunderstorms occurred 1 One item was identified requiring ESC repair/maintenance and completed w	DATE OF OBSERVATION	DURATION				IMPACTS CAUSED BY WEATHER RELATED	IMPACTS CAUSED BY					SUM
	7/23/2024	*Strong thunderstorms occurred	1				1			1 on 7/24/2024		One item was identified requiring ESC repair/maintenance and completed w

and completed within the required timeframe via extension request approvals. One item was et within an upland area subsequently resulting in two environmental resource impacts at S-PP23 s coupled with existing saturated ground conditions caused the slope to fail, overwhelming ESC atural drainage feature. The sediment traveled approximately 1500 feet subsequently impacting S 0. Based on the site evaluation conducted by the Environmental Auditor, it appears that tributed to the impacts. The VADEQ was immediately notified, landowner access granted,

pacted area stabilized within the required timeframes via extension request approvals. The LEI 7/21/2024.

eure Declaration on 7/23/2024 and a Final Notice of Force Majeure Declaration on 7/28/2024,

UMMARY OF OBSERVATIONS

and completed within the required timeframe.

tenance and 21 were completed within the required timeframe. It should be noted that two of d as off right of way impacts ranging approximately two feet to 400 feet within upland areas west o t of MVP-MN-276.03, east of MVP-MN-278.01, and west of MVP-MN-278.01. Two of the off right d S-MM15. On 7/22/2024 and 7/23/2024, storm events with intervals of high intensity/short and SWM measures to become overwhelmed. It should be noted that runoff from the permanent f right of way impacts. The VADEQ was immediately notified, landowner access granted at four e impacted areas stabilized within the required timeframe. Erosion and Sediment Control rmission has not been granted and extension requests were approved by the VADEQ. It should be pacts at S-G39 and S-MM15. The LEI submitted Agency Compliance Forms (Problem Area Report

9 east of MVP-MN-268.01, S-MM15 east of MVP-MN-270, and S-EF19 west of MVP-MN-278.01. On /short duration rainfall coupled with existing saturated conditions caused ESC and SVM measures anent waterbar end treatments contributed to the erosion and subsequent off right of way ting approximately S0 feet off right of way subsequently impacting the stream. The VADEQ was ere repaired/enhanced, and sediment removed from the stream channel. At S-MM15, significant ately 400 feet off right of way subsequently impacting approximately 4,000 feet of the stream. The /denhanced. Landowner permission was requested and an indefinite extension request was e sloughed, overwhelmed the ESC measures and impacted 50 feet of the stream. The VADEQ was /denhanced, sediment removed, and the impacted areas stabilized within the required timeframe ce Forms (Problem Area Reports #996, #1000, and #1007) on 7/23/2024 and 7/24/2024. The MVP aration and Final Notice of Force Majeure Declaration on 7/28/2024 and 8/2/2024, respectively.

e and completed within the required timeframe.

eted within the required timeframe.

e and completed within the required timeframe.

the required timeframe. the required timeframe.

and have three days to be completed within the required timeframe.

UMMARY OF OBSERVATIONS

ed within the required timeframe.

				L	ANDOWNER/THIRD PARTY REPORTED COMPLAINTS							
DATE OF OBSERVATION			NEAREST ROAD OR FEATURE		TOTAL NUMBER OBSERVATIONS	su						
7/11/2024 (received by VADEQ on 7/24/2024)			MVP-MN-276.03		1	A third party complaint was observed on 7/11/2024 and filed with the V/ "uncontrolled dust release as equipment goes up and down slope". On 7 permanent restoration activities nearing completion on the slope west o suppress dust throughout areas of the slope during the dry period. Per t						
7/18/2024 (received by VADEQ on 7/23/2024)			Catawba Road		1	A third party complaint was observed on 7/18/2024 and filed with the V/ runoff below the MVP cut in Catawba Valley on the North Fork of the Ro evaluations and observed no project related impacts at S-G36. Per the C and downstream of the MVP project due to a strong storm event late 7/2 River). No compliance issues were observed.						
7/25/2024			Catawba Road		1	A third party complaint was observed and filed with the VADEQ on 7/25/ stream water quality" in the North Fork of the Roanoke River "one mile c conducted site evaluations and observed no project related impacts at S- VADEQ inspector observed no project related impacts and no compliance						
				ENVIRONME	VIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS							
DATE OF OBSERVATION			OBSERVATIONS			CONCLUSION AND RECOMMENDATIONS						
7/02/0024	The Facility and the second of					measures appeared to be installed and functional at the time of the evaluations and recommendations related to ESC measures repair/maintenance						
7/22/2024		ted site evaluations	at the following locations: MVP-MN-268.01 (GAS), MVP-MN-276.03 (access road), and N	1VP-ININ-270.03 (GAS).	evaluation, it appeared that the permanent waterbars and end treatmen	D1 (GAS) where off right of way and environmental resource impacts occurs ts concentrated runoff downslope, caused erosion to overwhelm the ESC, ithin the streams. It should be noted the EA observed the ESC/SWM meas						
					Environmental staff regarding observations and recommendations relate erosion occurred and resulted in off right of way/environmental resource	measures appeared to be installed and functional at the time of the evalua d to ESC measures repair/maintenance and proper installation, installing t e impacts, installing earthen waterbars across a temporary travel lane, and at closed out if work is still occurring based on the punchlist comments and						
					that occurred on 7/22/2024. Based on the evaluation, it appeared that t environmental resource impacts. At the time of the evaluation, it appear right of way area impacted by the storm event had upslope sediment cor	11 (GAS) where off right of way and environmental resource impacts occur he permanent waterbars and end treatments concentrated runoff downsl red that the sediment was removed from the stream. Temporary ESC mea trtol measures installed; however, the Environmental Auditor recommend ef El, and MVP Environmental staff regarding concerns related to closing o						
8/2/2024	The Environmental Auditor conduc	ted site evaluations	at MVP-MN-268.01 (GAS), MVP-MN-270 (access road), and MVP-MN-270 (CIS/GAS).	The Environmental Auditor conducted site follow evaluations at MVP-MN-268.01 (GAS) where off right of way and environmental res the evaluation, it appeared that repairs have been conducted to the ESC measures and permanent waterbars and environmental res observed two locations where additional sediment removal should be conducted and discussed this issue with the onsite EI. The off r time of the evaluation. A temporary travel lane was constructed and temporary bridge crossings reinstalled across S-PP23 and S-G4O from the project area the water flowing in the North Fork Roanoke River appeared to be clear along Catawba Road downstream of th North Fork Roanoke along North Fork Road.								
					appeared that the permanent waterbars and end treatments concentrative evaluation, it appeared that the SWM measures and most ESC measures Environmental Auditor observed sediment removed from the S-MM15 st removed as long term extension requests were approved until landowne	CIS/GAS) where off right of way and environmental resource impacts occu ed runoff downslope, caused erosion to overwhelm the ESC/SWM measur have been repaired; however, severe erosion along the east edge of the r tream channel within the right of way at the time of the evaluation. The o r access is granted. It should be noted that the Environmental Auditor ob o slope where erosion occurred. The Environmental Auditor communicate						
7/22/2024 through 8/4/2024	Project. However, the Environmen regarding Sediment Tracker and da regarding daily MVP Punchlists cor punchlist items are added to incluc concerns related to SWPP VSIR dd in entirety. The Environmental Au	ntal Auditor commun aily MVP Punchlist d acerns related to en- de the source(s) whi ocumentation not re ditor recommended	ily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting nicated the following concerns: The Environmental Auditor communicated with the Asisi ocumentation. The Environmental Auditor also communicated with the Chief El and MVI suring items are not closed out if work is still occurring based on the punchlist comments ch caused off right of way and/or environmental resource impacts. The Environmental A effecting actual site conditions at the time of the SWPPP inspection related to items that h reopening the items and ensuring the future daily MVP Punchlists are set up to include s ion requests, and off right of way/environmental resource impacts.	tiant LEI and EC P Environmental staff and ensuring additional uditor communicated nave not been completed	The Environmental Auditor concludes that SWPPP Inspections meet insp	nmental Inspector (LEI), Assistant LEI, and Environmental Coordinator, the						
	provided continued to recommend	l to installing SSB wi C Plan requirement	ead LEIs on 7/31/2024 regarding the Bi-Weekly reporting period ending on 8/4/2024. Th hen straw mulch is rendered ineffective per Section 3.2 of the Annual Standards and Spec s. It should be noted that the Environmental Auditor continues to observe improper SSB der the blanket.	cifications and ensure the								
	·				REQUIRED FINDINGS AND CONCLUSIONS							
		Yes/No			If No, provide explanation and recommendati	on for corrective action (if any).						
Best management practic accordance with MVP's A Specifications and MVP's		Yes										
The temporary erosion ar properly installed, inspec	nd sediment control measures are	Yes										
All Ineffective Temporary Measures are repaired an	reco, and maintained r recosion and Sediment Control ad ESC Measures in Need of e maintained within the required	Yes										

UMMARY OF OBSERVATIONS

/ADEQ on 7/24/2024 (Pollution Investigation Report_IR #314875). The complainant alleged 7/22/2024, the Environmental Auditor conducted a site evaluation at this location and observed of MVP-MN-276.03. Based on communication with the LEI, the contractor was applying water to the Closure Section of the IR on 8/2/2024, no compliance issues were observed.

/ADEQ on 7/23/2024 (Pollution Investigation Report_IR #314782). The complainant alleged "muddy oanoke River". On 7/16/2022, 7/22/2024, and 8/2/2024 the Environmental Auditor conducted site Closure section of the IR on 7/26/2024, the VADEQ inspector observed turbid conditions upstream /22/2024. The VADEQ observed no project related impacts to S-G36 (North Fork of the Roanoke

j/2024 (Pollution Investigation Report_IR #314813). The complainant alleged "persistent poor downstream from the MVP". On 7/16/2022, 7/22/2024, and 8/2/2024 the Environmental Auditor S-G36 (North Fork of the Roanoke River). Per the Closure section of the IR on 7/29/2024, the cc issues were observed at S-G36.

uation. The Environmental Auditor communicated with the LEI, Assistant LEI, Environmental nce and enhancements along an access road, and not installing defective soil stabilization blanket

irred above and at S-PP23 and S-G40 due to strong storm events on 7/21/2024. Based on the //SWM measures, resulting in the off right of way and environmental resource impacts. At the time sures installed and functional on the slope east of S-PP23 per an evaluation conducted on

Jation. The Environmental Auditor communicated with the LEI, Assistant LEI, EC, Chief EI, and MVP Soil Stabilization Matting (SSM) with enhanced anchoring pins/staples on slopes where recent id conducting access road maintenance. The Environmental Auditor also communicated concerns d ensuring additional punchlist items are added to include the source(s) which caused off right of

urred above and at S-G39 due to strong storm events coupled with existing saturated conditions slope, caused erosion to overwhelm the ESC/SWM measures, resulting in the off right of way and asures and permanent SWM measures repairs were underway on the slope west of S-G39. The off ided installing additional measures at the toe of the slope immediately above S-G39. The out the punchlist items prior to all repairs being completed.

ts occurred above and at S-PP23 and S-G40 due to strong storm events on 7/21/2024. Based on e 7/21/2024 storm events. Based on a stream evaluation at S-PP23 the Environmental Auditor sediment in the upland locations appeared to be removed and the impacted areas stabilized at the e noted that a high intensity/short duration rainfall event occurred while onsite and upon driving ea; however, heavy sediment laden runoff was observed from private driveways discharging to the

curred above and at S-MM15 due to strong storm events on 7/22/2024. Based on the evaluation, it *Ires*, resulting in the off right of way and environmental resource impacts. At the time of the right of way was not repaired and temporary sediment control measures were installed. The off right of way sediment within the upland area and downstream within S-MM15 has not been bserved the S-MM15 impact area extending to the MVP-MN-270 access road. The Environmental ted with the LEI, Assistant LEI, EC, Chief EI, and MVP Environmental staff regarding concerns related

pring and conducting enhancements as needed throughout the Spread H project. Based on the ne Spread H Project appears to meet the MVP Annual Standards and Specifications as required by

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ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 8/5/2024 through 8/18/2024

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

Report Period Ending: 8/18/2024

Report Prepared By: Joe Crea

								SUMMARY OF	FINDINGS		
Total Number of SWPPP I	nspections: 34 conducted from 8/5/2	2024 through 8/18/20	024 (includes PY-006); I	t should be noted t	hat SWPPP inspections	were not conducted on	8/8/2024 due to sat	fety concerns related to Tropica	al Storm Debby. The	VADEQ was notified in	advance regarding the postponed inspections.
Total Number of Environn	nental Inspector (EI) Erosion and Sed	iment Control (ESC) (Observations from 8/5/2	2024 through 8/18,	/2024 (includes Carry O	ver Items from 8/4/202	24): 61		·		
Total Number of ODCP In	spections at Laydown Yard PY-006: 7	(8/5/2024 through 8	/11/2024); 7 (8/12/202	4 through 8/18/202	24)						
	Observations from 8/5/2024 through				•						
											t of a wetland and sensitive area" on Yellow Finch Road (MVP-MN-278.01).
	estrictions, Yellow Finch Lane was det Related Complaints for further discus		dered a special case per	r the Els determinat	tion. As part of determi	nation, special measure	es have been implem	ented by the contractor to avo	id environmental res	ource impacts during	refueling activities. The VADEQ has been aware of this condition since 202
	-										
-	Way Impacts Caused by Third Parties										
ĕ	Way Impacts Caused by Weather Relation	0, 0	,	1	03 On 8/8/2024 storr	n event from Tropical S	torm Debby with int	ervals of high intensity/short d	uration rainfall produ	ced approximately 2 is	nches of rainfall in 14 hours causing ESC measures to become overwhelme
	nent removed, and the area stabilized										
Total Number of Environn	nental Resource Impacts: 0										
Total Number of ESC Mea	sures in Need of Routine Maintenand	ce Not Maintained W	/ithin Timeframes Requi	ired by MVP's Annu	al Standards and Specif	ications or as Otherwise	e Provided in the Co	nsent Decree: 0			
				· · · · · · · · · · · · · · · · · · ·					pair ineffective BMP I	measures in a timely i	manner from 8/5/2024 through 8/18/2024.
								CARRY OVER ITEMS			
					RIGHT OF WAY	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	IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SI
4/12/2024	0.5"-2.6" - 18 Hours *Intermittent light rainfall followed by high intensity/short duration storm events occurred on 4/11/2024	1		1			1	1 on 4/13/2024 extended indefinitely to be completed upon landowner permission			One item has been extended indefinitely via VADEQ approval until landow
5/8/2024		1		1			1	1 on 5/9/2024 extended indefinitely to be completed upon landowner permission			One item has been extended indefinitely via VADEQ approval until landow
5/15/2024	0.8"-1.3" - 16 Hours *Precipitation with periods of high intensity/short duration rainfall occurred on 5/14/2024 into early morning 5/15/2024	3		3			3	3 on 5/16/2024 extended indefinitely to be completed upon landowner permission			Three items have been extended indefinitely via VADEQ approval until lar
7/5/2024	0.2"-1.7" - 3.25 Hours *Scattered thunderstorms with locations receiving high intensity/short duration rainfall occurred on late 7/4/2024	3		3			3	3 on 7/6/2024 extended indefinitely to be completed upon landowner permission			Three items have been extended indefinitely via VADEQ approval until lar
7/15/2024		1		1			1	1 on 7/16/2024 extended indefinitely upon landowner permission			One item has been extended indefinitely via VADEQ approval until landow
7/18/2024	0.0"-0.4" - 1 Hour *Scattered storms occurred on late 7/17/2024 and 0.4"-1.2" - 2 Hours *A strong thunderstorm occurred on 7/18/2024	1	1				1	1 on 7/19/2024 extended indefinitely upon landowner permission			The EI identified an environmental resource impact at S-IJ50 east of MVP- same location where impacts occurred from the 7/4/2024 storm event. C 7/4/2024 storm event. On 7/18/2024, a strong storm event with high inte overwhelming the ESC measures, and subsequently impacting approximal An indefinite extension request was approved by the VADEQ until landow contractor staff, and MVP Environmental staff are coordinating to implem Agency Compliance Report (Problem Area Report #953) on 7/25/2024. Th
7/23/2024	0.5"-1.8" - 3.25 Hours *Strong thunderstorms occurred late on 7/22/2024	3	1	2			3	3 on 7/24/2024 extended indefinitely upon landowner permission			Two items were identified as off right of way sediment impacts within upl received indefinite extension requests approved by the VADEQ until lande erosion occurred along the edge of the right of way impacted approximat The VADEQ was immediately notified and most ESC measures were repair approved by the VADEQ. The MVP Environmental staff submitted a Final
8/4/2024	0.1"-1.6" - 2.25 Hours *Scattered storm events with area of high intensity/short duration rainfall occurred on 8/3/2024	4					4	1 on 8/7, 8/10, and 8/132024 to be completed on 8/16/2024 due to wet conditions		3 on 8/5/2024 1 on 8/15/2024	Four items were identified requiring ESC and SWM repair/maintenance ar

.01). It should be noted that based on FERC Procedure IV.A.1.d where a 100 feet refueling buffer is 2023 and allowed refueling to occur. Per the VADEQ website, formal Closure remains pending). Refer to

med. The VADEQ was immediately notified, landowner access granted, ESC measures

SUMMARY OF OBSERVATIONS

downer permission is granted.

downer permission is granted. Currently, landowner permission has been denied.

landowner permission is granted.

I landowner permission is granted.

downer permission is granted. Currently, landowner permission has been denied.

AVP-RO-279.01. Per the Environmental Auditor's Partial Bi-Weekly Report ending on 7/7/2024, this is the nt. On 7/18/2024, the contractor staff was completing ESC/SWM repairs on the right of way due to the n intensity/short duration rainfall caused severe erosion and portions of the right of way to slough, simately 500 feet of S-IJ50. The VADEQ was immediately notified and temporary ESC measures installed. downer access is granted. It should be noted that the Spread H Environmental inspection staff, plement enhanced repair measures to minimize potential future impacts. The LEI submitted a revised A. The MVP Environmental staff submitted a Final Notice of Force Majeure Declaration on 7/28/2024.

upland areas and one item was identified as an environmental resource impact at S-MM15. These items andowner permission is granted to remove the material from the impacted areas. At S-MM15, significant mately 400 feet off right of way within an upland area subsequently impacting 4,000 feet of the stream. paired/enhanced. Landowner permission was requested and an indefinite extension request was nal Notice of Force Majeure Declaration on 8/2/2024.

e and completed within the required timeframe.

								ENVIRONMENTAL INSPEC	TOR OBSERVATIONS				
DATE OF OBSERVATION	IMPACTS CAUSED BY								DATE COMPLETED THREE DAYS	s			
8/5/2024		4					4			1 on 8/6/2024 3 on 8/7/2024	Four items were identified requiring ESC repair/maintenance and comple		
8/9/2024	2.0"-7.0" - 22 Hours *Precipitation from Tropical Storm Debby with intervals of high intensity rainfall occurred on from late 8/7/2024 through late 8/8/2024	29					29	6 on 8/12/2024 to be completed on 8/15/2024 2 on 8/12/2024 and 8/15/2024 to be completed on 8/18/2024	2 on 8/10/2024	2 on 8/10/2024 9 on 8/11/2024 8 on 8/12/2024 6 on 8/15/2024 2 on 8/17/2024	Twenty-nine items were identified requiring ESC and SWM repair/mainte		
8/12/2024		4					4			3 on 8/13/2024 1 on 8/14/2024	Four items were identified requiring ESC and Pollution Prevention repair/		
8/13/2024		3		1		2 on 8/16/2024	Three items were identified requiring ESC and Pollution Prevention repair of way impact approximately 30 feet within an upland area east MVP-MN Tropical Storm Debby caused ESC measures to become overwhelmed. Th sediment removed, and the area stabilized within the required timeframm an Agency Compliance Form (Problem Area Report #1026) on 8/13/2024.						
8/16/2024		2					2			2 on 8/18/2024	Two items were identified requiring ESC and Pollution Prevention repair/		
8/17/2024	0.1"-1.1" - 1.75 Hours *A storm event with locations receiving high intensity/short duration rainfall occurred on late 8/16/2024	2					2			2 on 8/18/2024	Two items were identified requiring ESC repair/maintenance and complet		
		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	S		
8/13/2024		1					1			1 on 8/13/2024	One item was identified requiring ESC repair/maintenance and complete		
								LANDOWNER/THIRD PARTY	REPORTED COMPLA	NTS			
DATE OF OBSERVATION			NEAREST ROAD OR F	EATURE				TOTAL NUMBER OB	SERVATIONS		S		
8/17/2024			MVP-MN-278.0	1				1			A third party complaint was observed and filed with the VADEQ on 8/17/ refueling" within a 100 ft of a wetland and sensitive area" on Yellow Finct refueling buffer is unavoidable due to site restrictions, Yellow Finch Lane special measures have been implemented by the contractor to avoid envi since 2023 and allowed refueling to occur. Per the VADEQ website, form		
	_						ENVIRONI	MENTAL AUDITOR FIELD OBSEI	RVATIONS AND RECO	MMENDATIONS			
DATE OF OBSERVATION			OBSE	RVATIONS							CONCLUSION AND RECOMMENDATIONS		
8/6/2024	The Environmental Auditor conduct 281 (GAS)/ access road, MVP-RO-28		-	:: MVP-RO-279.02 (CIS), MVP-RO-279.01 ((CIS/GAS), Honeysuckle f	Road (CIS), MVP-RO-	(EC), Chief EI, and MVP Enviro The Environmental Auditor co end treatments are dischargir The Environmental Auditor co occurred. However, rills and p	nmental staff regardi onducted a site evalua ng to the center of the onducted a site evalua gullies were observed	ng observations and r tion at MVP-RO-279.(right of way generati tion at MVP-RO-282 (underneath the soil s	measures appeared to be installed and functional at the time of the evalua ecommendations related to ESC measures repair/maintenance and enhanc D1 where cleanup at S-IJ5O and maintenance on the slope above the stream ing a large volume of runoff down the slope. MVP Environmental staff and CIS) where the EI identified an off right of way impact following strong stor tabilization blanket (SSB) along the northwest edge of the right of way. Th he observations to the Assistant LEI, EC, Chief EI, and MVP Environmental s		
	The Environmental Auditor reviewed H Project.	d and noted the daily	/ MVP Punchlists, SWPP	P VSIRs, and ODCP	reports to be complian	t during this reporting p	period for the Spread						
8/5/2024 through 8/18/2024	The Environmental Auditor commur Auditor provided recommendations is not functional due to higher flows ensure all Sections are complete and	to upgrade SSB espe . The Environmenta	ecially on steep slopes, s I Auditor also recomme	treambanks, and b	elow permanent water	bar end treatments who	ere the current SSB		ommunication with th	e Lead Environmenta	ection timeframe requirements and recommends continued BMP monitor I Inspector (LEI), Assistant LEI, and Environmental Coordinator, the Spread ment Act Linear Entity.		
								REQUIRED FINDINGS A	AND CONCLUSIONS				
		Yes/No							If No, provide explai	nation and recommer	ndation for corrective action (if any).		
	ces for the Project are in accordance dards and Specifications and MVP's M Plans?	Yes											
The temporary erosion a properly installed, inspec	nd sediment control measures are	Yes											
All Ineffective Temporary	y Erosion and Sediment Control nd ESC Measures in Need of Routine	Yes											

SUMMARY OF OBSERVATIONS

eted within the required timeframe.

enance and completed within the required timeframe.

maintenance and completed within the required timeframe.

ir/maintenance and completed within the required timeframe. One item was identified as an off right N-276.03. On 8/8/2024, a storm event with intervals of high intensity/short duration rainfall from The VADEQ was immediately notified, landowner access granted, ESC measures repaired/enhanced, ne via an extension request approval. No environmental resources were impacted. The LEI submitted

maintenance and completed within the required timeframe.

ted within the required timeframe.

UMMARY OF OBSERVATIONS

within the required timeframe.

UMMARY OF OBSERVATIONS

/2024 (Pollution Investigation Report_IR #315153). The complainant alleged "Mountain Valley Pipeline h Road (MVP-NN-278.01). It should be noted that based on FERC Procedure IV.A.1.d where a 100 feet was determined to be considered a special case per the EIs determination. As part of determination, ironmental resource impacts during refueling activities. The VADEQ has been aware of this condition hal Closure remains pending.

ation. The Environmental Auditor communicated with the Assistant LEI, Environmental Coordinator coments along an access road.

n were occurring. Based on the evaluation, it appears that the required permanent waterbars and d the project engineer are coordinating to develop a long term plan to minimize the ongoing issues. rm events on 7/23/2024. Based on the evaluation, it appeared ESC measures repair/maintenance he Environmental Auditor also noted burlap sand bags incorporated into the permanent waterbar staff.

ring and conducting enhancements as needed throughout the Spread H project. Based on the SWPPP, H Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia

SPREAD ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 8/19/2024 through 9/1/2024

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

Report Period Ending: 9/1/2024

Report Prepared By: Joe Crea

								SUMMARY	OF FINDINGS		
Total Number of SWPPP Ins	pections: 36 conducted from 8/19/2	024 through 9/1/20	024 (includes PY-006)								
Total Number of Environme	ental Inspector (EI) Erosion and Sedin	nent Control (ESC) C	Observations from 8/19,	/2024 through 9/1	1/2024 (includes Carry C	over Items from 8/18/2	024): 24				
Total Number of ODCP Insp	ections at Laydown Yard PY-006: 6 (8	3/19/2024 through 8	8/24/2024); 6 (8/26/202	24 through 8/31/2	2024)						
Total Number of VA DEQ Ob	oservations from 8/19/2024 through	9/1/2024: 2									
occurring. Based on commu		plied to the slope fo	or dust suppression activ	vities throughout t	the dry period. On 8/31	/2024, a storm event w	vith high intensity/s	hort duration rainfall occurre	ed across the spread wh	ich provided addition	oming off the MVP worksites". It should be noted that during the reported timeframe weather al dust suppression. Based on the VADEQ website, Formal Closure remains pending). Refer to
Total Number of Right of W	ay Impacts Caused by Third Parties:	0									
Total Number of Right of W	ay Impacts Caused by Weather Relat	ed Damage (damag	ged ESC measures from	fallen debris): 0							
Total Number of Off Right o	of Way Impacts: 1 (On 8/30/2024, the	e EI observed an off	right of way impact we	st of MVP-MN-276	6.03. On 8/29/2024, a s	torm event with an inte	erval of high intensi	ity/short duration rainfall pro	duced approximately 0	5 inches of rainfall in	1.25 hours causing ESC measures to become overwhelmed. The VADEQ was immediately not
indefinite an extension requ	uest was approved by the VADEQ un	til landowner permi	ission is granted to remo	ove the off right o	f way sediment. No env	vironmental resources v	were impacted). Re	efer to Environmental Inspec	tor Observations for fu	rther discussion.	
Total Number of Environme	ental Resource Impacts: 0										
Total Number of ESC Measu	ares in Need of Routine Maintenance	Not Maintained Wi	ithin Timeframes Requi	red by MVP's Ann	ual Standards and Speci	fications or as Otherwi	se Provided in the O	Consent Decree: 0			
Based on the Environmenta	al Auditor's observations, the resou	rces available and d	deployed in the field, in	cluding environm	ental inspectors and th	e construction contract	tor, were sufficient	t to regularly and consistently	y repair ineffective BM	P measures in a time	ly manner from 8/19/2024 through 9/1/2024.
								CARRY OVER ITEN	MS FROM 8/18/2024		
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 OBSE
4/12/2024	0.5"-2.6" - 18 Hours *Intermittent light rainfall followed by high intensity/short duration storm events occurred on 4/11/2024	1		1			1	1 on 4/13/2024 extended indefinitely to be completed upon landowner permission			One item has been extended indefinitely via VADEQ approval until landowner permission is g
5/8/2024		1		1			1	1 on 5/9/2024 extended indefinitely to be completed upon landowner permission			One item has been extended indefinitely via VADEQ approval until landowner permission is g
5/15/2024	0.8"-1.3" - 16 Hours *Precipitation with periods of high intensity/short duration rainfall occurred on 5/14/2024 into early morning 5/15/2024	3		3			3	3 on 5/16/2024 extended indefinitely to be completed upon landowner permission			Three items have been extended indefinitely via VADEQ approval until landowner permissior
7/5/2024	0.2"-1.7" - 3.25 Hours *Scattered thunderstorms with locations receiving high intensity/short duration rainfall occurred on late 7/4/2024	3		3			3	3 on 7/6/2024 extended indefinitely to be completed upon landowner permission			Three items have been extended indefinitely via VADEQ approval until landowner permissior
7/15/2024		1		1			1	1 on 7/16/2024 extended indefinitely upon landowner permission			One item has been extended indefinitely via VADEQ approval until landowner permission is g
7/18/2024	0.0"-0.4" - 1 Hour *Scattered storms occurred on late 7/17/2024 and 0.4"-1.2" - 2 Hours *A strong thunderstorm occurred on 7/18/2024	1	1				1	1 on 7/19/2024 extended indefinitely upon landowner permission	1 on 8/20/2024		The El identified an environmental resource impact at S-IJ50 east of MVP-RO-279.01. On 7/1 severe erosion and portions of the right of way to slough, overwhelming the ESC measures, a Environmental inspection staff, contractor staff, and MVP Environmental staff developed a lo rip rap installation on a portion of the slope.
7/23/2024	0.5"-1.8" - 3.25 Hours *Strong thunderstorms occurred late on 7/22/2024	3	1	2			3	3 on 7/24/2024 extended indefinitely upon landowner permission	1 on 8/20/2024 (off right of way impact) 1 on 8/22/2024 (environmental resource impact)		Two items were identified as off right of way impacts within upland areas and one was comp VEDEQ was immediately notified, landowner permission was granted, enhanced ESC measur within the required timeframe via an extension request approval. The remaining item receiv granted. One item was identified as an environmental resource impact at S-MM15. The VADEQ was in repaired/enhanced, sediment removed from the stream, and adjacent upland areas stabilize Environmental staff submitted a Final Notice of Force Majeure Declaration on 8/2/2024.

timeframe weather and soil conditions were extremely dry in locations where final restoration was s pending). Refer to Landowner/Third Party Reported Complaints for further discussion. as immediately notified and ESC measures repaired/enhanced within the required timeframe. An UMMARY OF OBSERVATIONS ner permission is granted. ner permission is granted. Currently, landowner permission has been denied. downer permission is granted. downer permission is granted. ner permission is granted. RO-279.01. On 7/18/2024, a strong storm event with high intensity/short duration rainfall caused he ESC measures, and subsequently impacting approximately 500 feet of S-IJ50. The Spread H staff developed a long term restoration plan and implemented enhanced ESC measures that entailed and one was completed within the required timeframe via an extension request approval. The nanced ESC measures installed, off right of way sediment removed, and the impacted area stabilized maining item received an indefinite extension request approval until landowner permission is The VADEQ was immediately notified, landowner access was granted, ESC measures land areas stabilized within the required timeframe via an extension request approval. The MVP

								ENVIRONMENTAL INSP	PECTOR OBSERVATION	S	
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	SUMI
8/20/2024		1					1			1 on 8/22/2024	One item was identified requiring SWM repair/maintenance and completed w
8/21/2024		1					1			1 on 8/24/2024	One item was identified requiring ESC repair/maintenance and completed wit
8/22/2024		2					2			2 on 8/24/2024	Two items were identified requiring ESC and Pollution Prevention repair/mair
8/27/2024		1					1			1 on 8/28/2024	One item was identified requiring Pollution Prevention repair/maintenance a
8/28/2024		1					1			1 on 8/28/2024	One item was identified requiring ESC repair/maintenance and completed wit
8/30/2024	0.0"-1.5" - 4.25 Hours *Scattered storms with intervals of high intensity/short duration rainfall occurred on late 8/29/2024	5		1			5 (includes off right of way impact)	1 on 8/31/2024 extended indefinitely upon landowner permission		4 on 8/31/2024	Five items were identified requiring ESC repair/maintenance and four were co (three locations within 50 feet of each other) approximately 50 feet within an intensity/short duration rainfall caused ESC measures to become overwhelme environmental resources were impacted. The LEI submitted an Agency Comp approved by the VADEQ until landowner access is granted.
								VADEQ OB	SERVATIONS		
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	SUMI
8/28/2024		2					2		2 on 8/28/2024		Two items were identified requiring ESC and Pollution Prevention repair/main
			LANDOWNER/THIRD PARTY REPORTED COMPLAINTS								
DATE OF OBSERVATION			NEAREST ROAD OR FEATURE TOTAL NUMBER OBSERVATIONS								SUM
8/27/2024			MVP-MN-278.01 1 locations where final restoration was occurring. Based on commun							A third party complaint was observed on 8/26/2024 and filed with the VADEQ unbelievable amount of dust coming off the MVP worksites". It should be not locations where final restoration was occurring. Based on communication with period. A storm event with high intensity/short duration rainfall occurred acro website, Formal Closure remains pending.	
							ENVIRON	IMENTAL AUDITOR FIELD OB	SERVATIONS AND REC	OMMENDATIONS	
DATE OF OBSERVATION			OBSE	RVATIONS							CONCLUSION AND RECOMMENDATIONS
8/21/2024	The Environmental Auditor conduc (Access Road), MVP-FR-292.01 (GA					anders Road (CIS), MVI		(EC), Chief EI, and MVP Envir	onmental staff regardi	ng observations and r	measures appeared to be installed and functional at the time of the evaluation. ecommendations related to ESC measures repair/maintenance and enhanceme rmanent waterbar structures damaged via heavy rainfall events. The Environm
8/26/2024	The Environmental Auditor conduc	ted site evaluations	at MVP-AR-028 and M\	/P-ATWS-1566.							appeared to be installed and functional at the time of the evaluation. The Envir El, and MVP Environmental staff regarding an observation related to ensuring t
8/27/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-MN-268/268.01 (GAS), MVP-MN-270 (CIS), MVP-MI Bradshaw Road (GAS), and MVP-AR-028.						3.01 (GAS), MVP-MN-270 (CIS), MVP-MN-270 (access road), Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and func Environmental staff regarding observations and recommendations related to proper soil stabilization blanket (SSB) in Environmental Auditor conducted a follow up evaluations where previous off right of way and environmental resour to the ESC/SWM measures, sediment removed, and impacted areas stabilized.				
8/19/2024 through 9/1/2024	The Environmental Auditor reviewe Spread H Project. The Environmental Auditor commu								communication with the	e Lead Environmental	ection timeframe requirements and recommends continued BMP monitoring ar Inspector (LEI), Assistant LEI, and Environmental Coordinator, the Spread H Pro nent Act Linear Entity.
	The Environmental Additor commu	inicated with an opre	ad LLI3 011 8/28/2024 1	egarang tile bi-w	reekly reporting period	ending on 5/1/2024.			S AND CONCLUSIONS		
		Yes/No						ALQUILLD HADING		anation and recomm	endation for corrective action (if any).
	for the Project are in accordance ds and Specifications and MVP's Plans?	Yes							ii no, pionae expi		
The temporary erosion and properly installed, inspected	sediment control measures are d, and maintained?	Yes									
All Ineffective Temporary Er All All Ineffective Temporary Er	rosion and Sediment Control ESC Measures in Need of Routine d within the required timeframes	Yes									

JMMARY OF OBSERVATIONS

within the required timeframe.

vithin the required timeframe.

aintenance and completed within the required timeframe.

and completed within the required timeframe.

vithin the required timeframe.

e completed within the required timeframe. One item was identified as an off right of way impact an upland area east of MVP-MN-276.03. On 8/29/2024, a storm event with an interval of high Imed. The VADEQ was immediately notified and the ESC measures repaired/maintained. No mpliance Form (Problem Area Report #1033) on 8/30/2024. An indefinite extension request was

MMARY OF OBSERVATIONS

aintenance and completed within the required timeframe.

MMARY OF OBSERVATIONS

DEQ on 8/27/2024 (Pollution Investigation Report_IR #315299). The complainant alleged "an noted that during the reported timeframe weather and soil conditions were extremely dry in with the LEI, water was applied to the slope for dust suppression activities throughout the dry across the spread on 8/31/2024 which provided additional dust suppression. Based on the VADEQ

ion. The Environmental Auditor communicated with the Assistant LEI, Environmental Coordinator ements along a permanently restored access road where legacy erosion has been an issue. The nmental Auditor communicated this observation as this measures is not part of the approved ESC

Environmental Auditor evaluated the dewatering structure installed for upcoming lake tank ring the pumped water filter bags are properly sized based on pumping rates.

ion. The Environmental Auditor communicated with the Assistant LEI, EC, Chief EI, and MVP Ich, and monitoring permanently restored access roads following a heavy runoff event. The N-268.01 (GAS) and MVP-MN-270 (CIS/GAS). The Environmental Auditor observed repairs conducted

g and conducting enhancements as needed throughout the Spread H project. Based on the SWPPP, Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia

SPREAD H
ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 9/2/2024 through 9/15/2024

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

Report Period Ending: 9/15/2024

Report Prepared By: Joe Crea

								SUMMARY OF FINDINGS			
Total Number of SWPPP In	spections: 31 conducted from 9/2/2024 thr	ough 9/15/2024 (inc	ludes PY-006): Holiday o	n 9/2/2024							
Total Number of Environm	ental Inspector (EI) Erosion and Sediment C	Control (ESC) Observa	tions from 9/2/2024 thro	ough 9/15/2024 (inc	ludes Carry Over Items	from 9/1/2024): 30					
Total Number of ODCP Ins	pections at Laydown Yard PY-006: 5 (9/3/20)24 through 9/7/2024	4); 6 (9/9/2024 through 9	/14/2024): Holiday	on 9/2/2024						
Total Number of VA DEQ O	Observations from 9/2/2024 through 9/15/2	2024: 1									
	er/Third Party Reported Complaints: 0										
Per the Closure section of	the VADEQ Pollution Investigation Report	#315299 dated 9/4/	2024 based on a third pa	rty complaint recei	ved by the VADEQ on 8	/27/2024, the VADEQ	concluded no compli	ance issues were observed.			
Total Number of Right of V	Vay Impacts Caused by Third Parties: 4 (land	downer traffic and un	authorized traffic)								
	Vay Impacts Caused by Weather Related Da	mage (damaged ESC	measures from fallen de	bris): 0							
Total Number of Off Right											
Total Number of Environm	ental Resource Impacts: 0										
Total Number of ESC Meas	sures in Need of Routine Maintenance Not M	Vaintained Within Ti	meframes Required by N	IVP's Annual Standa	rds and Specifications o	r as Otherwise Provideo	d in the Consent Decr	ree: 0			
Based on the Environmen	tal Auditor's observations, the resources a	vailable and deploye	d in the field, including e	environmental insp	ectors and the construc	tion contractor, were s	ufficient to regularly	and consistently repair ineffec	tive BMP measures in a	a timely manner from	9/2/2024 through 9/15/2024.
							(CARRY OVER ITEMS FROM 9/1/	2024		
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	SUI
4/12/2024	0.5"-2.6" - 18 Hours *Intermittent light rainfall followed by high intensity/short duration storm events occurred on 4/11/2024	1		1			1	1 on 4/13/2024 extended indefinitely to be completed upon landowner permission			One item has been extended indefinitely via VADEQ approval until la
5/8/2024		1		1			1	1 on 5/9/2024 extended indefinitely to be completed upon landowner permission			One item has been extended indefinitely via VADEQ approval until la
5/15/2024	0.8"-1.3" - 16 Hours *Precipitation with periods of high intensity/short duration rainfall occurred on 5/14/2024 into early morning 5/15/2024	3		3			3	3 on 5/16/2024 extended indefinitely to be completed upon landowner permission			Three items have been extended indefinitely via VADEQ approval un
7/5/2024	0.2"-1.7" - 3.25 Hours *Scattered thunderstorms with locations receiving high intensity/short duration rainfall occurred on late 7/4/2024	3		3			3	3 on 7/6/2024 extended indefinitely to be completed upon landowner permission			Three items have been extended indefinitely via VADEQ approval un
7/15/2024		1		1			1	1 on 7/16/2024 extended indefinitely upon landowner permission			One item has been extended indefinitely via VADEQ approval until la
7/23/2024	0.5"-1.8" - 3.25 Hours *Strong thunderstorms occurred late on 7/22/2024	1		1			1	1 on 7/24/2024 extended indefinitely upon landowner permission			One item has been extended indefinitely via VADEQ approval until la
8/30/2024	0.0"-1.5" - 4.25 Hours *Scattered storms with intervals of high intensity/short duration rainfall occurred on late 8/29/2024	1		1			1	1 on 8/31/2024 extended indefinitely upon landowner permission	1 on 9/7/2024		One item was identified as an off right of way impact (three location extension request approval. Landowner permission was granted, se

SUMMARY OF OBSERVATIONS

val until landowner permission is granted.

val until landowner permission is granted. Currently, landowner permission has been denied.

oproval until landowner permission is granted.

oproval until landowner permission is granted.

val until landowner permission is granted.

val until landowner permission is granted.

e locations within 50 feet of each other) and completed within the required timeframe via an ranted, sediment removed and the impacted area stabilized.

							ENVIE	RONMENTAL INSPECTOR OBSER	RVATIONS			
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		
9/3/2024		6					6			1 on 9/3/2024 2 on 9/4/2024 3 on 9/5/2024	Six items were identified requiring ESC, SWM, and Pollution Prev	
9/4/2024		1					1			1 on 9/6/2024	One item was identified requiring Pollution Prevention repair/ma	
9/5/2024		6				1	5			6 on 9/6/2024	Six items were identified requiring ESC and Pollution Prevention was caused by third party impacts related to landowner traffic.	
9/10/2024		2				1	1		1 on 9/11/2021	1 on 9/10/2024	Two items were identified requiring ESC repair/maintenance and party impacts related to unauthorized traffic.	
9/11/2024		2					2			2 on 9/11/2024	Two items were identified requiring ESC repair/maintenance and	
9/13/2024		2				2				2 on 9/14/2024	Two items were identified requiring ESC repair/maintenance and related to unauthorized traffic.	
		1		1	T	T	-	VADEQ OBSERVATIONS	T	T	1	
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	,	
9/11/2024		1					1			1 on 9/12/2024	One item was identified requiring ESC repair/maintenance and co	
			EAREST ROAD OR FEAT				LANDOV	DWNER/THIRD PARTY REPORTED COMPLAINTS TOTAL NUMBER OBSERVATIONS				
ATE OF OBSERVATION		EAREST ROAD OR FEAT	URE		TOTAL NOWIBER OF	DSERVATIONS						
						E	NVIRONMENTAL AU	JDITOR FIELD OBSERVATIONS	AND RECOMMENDATIO	NS		
ATE OF OBSERVATION			OBSERV	ATIONS							CONCLUSION AND RECOMMENDATIONS	
9/6/2024	The Environmental Auditor conducted site (CIS), Honeysuckle Road (CIS), and MVP-RC	0-282 (CIS/GAS).						Environmental Coordinator (E installing compost filter sock (C), Chief EI, and MVP En CFS) check dams along t	vironmental staff reg the perimeter sedime	asures appeared to be installed and functional at the time of the e arding observations and recommendations related to ESC measure nt controls on an access road. asures appeared to be installed and functional at the time of the e	
9/10/2024	The Environmental Auditor conducted site and US Highway 221.	evaluations at the fol	lowing locations: Botton	n Creek Road (GAS),	MVP-RU-286 (CIS/GAS)	i, MVP-RO-287 (CIS/GAS), MVP-RO-288 (CIS)		regarding observations		s related to a location where a slope is sloughing. The Environmen	
9/12/2024	The Environmental Auditor conducted site MVP-AR-028 (access road), and MVP-AR-02			/IN-276.03 (CIS), MV	P-MN-276.03 (access ro	oad), MVP-PY-006, MVP	-MN-278.01 (GAS),	The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at the time of the ex- ZeC, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures requiring repair/maintenance road and was informed that a higher grade geogrid is slated to replace the existing one due to slope steepness and traffic.				
	The Environmental Auditor reviewed and r Project.	oted the daily MVP P	unchlists, SWPPP VSIRs,	and ODCP reports to	o be compliant during t	his reporting period for	the Spread H					
9/2/2024 through 9/15/2024	hrough Draw The Environmental Auditor communicated with all Soread LEIs on 9/10/2024 regarding the Ri-Weekly reporting period ending on 9/15/2024. The Environmental Auditor the SWPPP, MVP Punchlist findings and communic							dings and communication	VPPP Inspections meet inspection timeframe requirements and recommends continued BMP mor nunication with the Lead Environmental Inspector (LEI), Assistant LEI, and Environmental Coordina : Control Law (VESCL) and the Stormwater Management Act Linear Entity.			
	undermining subsequently resulting in ero	sion.					RE	QUIRED FINDINGS AND CONCL	USIONS			
		Yes/No								d recommendation fo	r corrective action (if any).	
	es for the Project are in accordance with and Specifications and MVP's Site Specific	Yes										
The temporary erosion an nstalled, inspected, and n	d sediment control measures are properly naintained?	Yes										
	Erosion and Sediment Control Measures											

SUMMARY OF OBSERVATIONS

n Prevention repair/maintenance and completed within the required timeframe.

air/maintenance and completed within the required timeframe.

ntion repair/maintenance and completed within the required timeframe. One of the identified items

ce and completed within the required timeframe. One of the identified items was caused by third

ce and completed within the required timeframe.

ce and completed within the required timeframe. Both items were caused by third party impacts

SUMMARY OF OBSERVATIONS

and completed within the required timeframe.

SUMMARY OF OBSERVATIONS

ONS

f the evaluation. The Environmental Auditor communicated with the LEI, Assistant LEI, neasures repair/maintenance, installing Soil Stabilization Blanket (SSB) on slopes 3:1 and greater, and

of the evaluation. The Environmental Auditor communicated with the LEI, Assistant LEI, EC, Chief EI, onmental Auditor was informed by the LEI that this location is currently being evaluated by a geotech

of the evaluation. The Environmental Auditor communicated with the LEI, Environmental Coordinator intenance on an access road. The EA also communicated SWM measures damaged on another access

3MP monitoring and conducting enhancements as needed throughout the Spread H project. Based on Coordinator, the Spread H Project appears to meet the MVP Annual Standards and Specifications as

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SPREAD

ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 9/16/2024 through 9/29/2024

7/22/2024

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

Report Period Ending: 9/29/2024

Report Prepared By: Joe Crea

Unter all charges and using and production of pro									SUMMARY OF FIND	DINGS	
Unit Number 1010 Proceedings val Pri All Pri	Total Number of SWPPP I	nspections: 36 conducted from 9/16/2024 th	nrough 9/29/2024 (i	includes PY-006); SWPI	PP inspections po	ostponed on 9/27/2024	due to hazardous righ	t of way conditions a	s a result of Hurricane Helene.		
Under land end and any distance of the standard of any distance of the standard of any distance of any	Total Number of Environr	nental Inspector (EI) Erosion and Sediment C	Control (ESC) Observ	vations from 9/16/2024	4 through 9/29/20	024 (includes Carry Over	r Items from 9/1/2024)	: 105			
Under biolefing Under biol	Total Number of ODCP In:	spections at Laydown Yard PY-006: 7 (9/16/2	2024 through 9/22/2	2024); 6 (9/23/2024 th	rough 9/28/2024))					
The line configure of spin of	Total Number of VA DEQ	Observations from 9/16/2024 through 9/29/	′2024: 0								
Part Internet Water of Water Descended Provements Reserved Provide Internet Provide Pro	Total Number of Landowr	ner/Third Party Reported Complaints: 0									
Turb A base of at P B get V Wy Hanses, FL Junn M 1200000000000000000000000000000000000	Total Number of Right of	Way Impacts Caused by Third Parties: ${f 1}$ (una	uthorized traffic)								
Notified according and the series granted (Names and Second Sec	Total Number of Right of	Way Impacts Caused by Weather Related Da	mage (damaged ES	C measures from faller	n debris): 1						
a protocol space route to sub a transformation to sub a transformation to sub a many observant to sub a	-										
Box encloses and matched bases and matched bases and and provide bases and provide b		• • • • • •				0 I		0 1 1			
Discription Discription <thdiscription< th=""> <thdiscription< th=""></thdiscription<></thdiscription<>							-				
Defa Defa <th< td=""><td></td><td>-</td><td></td><td>-</td><td></td><td>•</td><td></td><td></td><td></td><td></td><td></td></th<>		-		-		•					
produced pr	Observations and Recom	mendations for further discussion.									
space of base with the elected at the location and log term enhanced bits: maximum for the logical base of transmitting and tran			,							. ,	
The description of ESC Messares In Need of Buildner Monthanker Net Monthaned With Timethames Registed by MV ^{III} Annual Standards and Speechecitors or as Otherwise Provided in the Convert Biorer B Convertice and Buildner Monthanker Net Monthaned With Timethames Registed by MV ^{III} Annual Standards and Speechecitors or as Otherwise Provided in the Convert Biorer B Convertice and Buildner Monthanker Net Monthaned With Timethames Registed by MV ^{III} Annual Standards and Speechecitors or as Otherwise Provided in the Convert Biorer B Convertice and Buildner Monthanker Net Monthaned With Timethames Registed by MV ^{III} Monthane Convert Biorer B Convertice and Buildner Monthanes Net Monthaned With Timethames Registed by MV ^{III} Monthane Convert Biorer B Convertice and Buildner Monthanes Net Ministed With Timethames Registed by MV ^{III} Monthanes Convert B Convertice And Ministed With Timethames Registed by MV ^{III} Monthanes Net Ministed With Net Ministe Difference B Convertice And Ministed With Timethames Registed by MV ^{III} Monthanes Net Ministe Difference B Convertice And Ministed With Timethames Registed by MV ^{III} Monthanes Net Ministe Difference B Convertice And Ministed With Timethames Registed by MV ^{III} Monthanes Net Ministed With MV ^{IIII} Monthanes Net Ministed With MV ^{IIII} Monthanes Net Ministed With MV ^{IIII} Monthanes Net Ministed With MV ^{IIIII} Monthanes Net Ministed With MV ^{IIIII} Monthanes Net Minit Ministed Ministed With MV ^{IIIIII} Monthanes Net Mini		-		-							
based on the Environmental Judditor's observations, the resources unables to explore and the Ending to explore and th	-								-		
Control of the control											
Date of observation PEC(PTATION AMOUNT AND OURGATION TOTAL NUMBER RESOURCE MAPACT OFF GRAFT OF WAXTER RELATION MARKET CAUSED by WAXTER RELATION DAMAGE Indiri OF WAY WAXTER RELATION DAMAGE Indiri OF WAY WAXTER RELATION DAMAGE Indiri OF WAY WAXTER RELATION REPAIR Indiri OF WAY WAXTER RELATION REPAIR Indif Indign WAY WAXTER	Based on the Environmen	atal Auditor's observations, the resources a	valiable and deploy	yea in the held, includi	ng environmenta	in inspectors and the co	nstruction contractor,	were sufficient to re			ier from 9/16/2024 through 9/29/2024.
Date of observations Precipitation AMD UNIT AND DUBRION Total NUMBER Precipitation Structure of MUMON MARK MERCIPICATION OF			T		1	RIGHT OF WAY	T	1		5,15,2024	
Date of elses example Date of else example Date of			TOTAL NUMBER	ENVIRONMENTAL	OFF RIGHT OF			MAINTENANCE/	TOTAL NUMBER EXTENSION	DATE COMPLETED DATE COMPLETED	
$0.5^{-2} L^{5} \cdot 128$ Hours intermittent light rainfal followed by high intensity/hord turints or main all followed by high high high high high high high high	DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION		RESOURCE IMPACT							SUMMARY OF OBSERVATIONS
4/12/2024 ''Intermittent light rainfall followed by high intensity/shord wards nor events and occurred on 4/11/2024 1 1 1 1 1 textended indefinitely by by be been set on 4/12/2024 one item has been extended indefinitely via VADEQ. approval until landowner permission is granted. 5/8/074 1						DAMAGE	THIRD FARTIES				
4/12/2024 high intensity/short duration storm events 1 1 1 to be completed upon landwore permission Other mass been extended indefinitely via VADEQ approval until landowner permission is granted. 5/8/2024 1 1 1 1 1 10											
I concurred on $4/11/2024$ <th< td=""><td>4/12/2024</td><td></td><td>1</td><td></td><td>1</td><td></td><td></td><td>1</td><td>,</td><td></td><td>One item has been extended indefinitely via VADEQ approval until landowner permission is granted.</td></th<>	4/12/2024		1		1			1	,		One item has been extended indefinitely via VADEQ approval until landowner permission is granted.
5/8/2024 1<			,								
5/8/2024 Image: Signature in the spee extended indefinitely via VADEQ approval until landowner permission is granted. Unit indowner permission is granted. Image: Signature in the spee extended indefinitely via VADEQ approval until landowner permission is granted. Image: Signature in the spee extended indefinitely via VADEQ approval until landowner permission is granted. Image: Signature in the spee extended indefinitely via VADEQ approval until landowner permission is granted. Image: Signature in the spee extended indefinitely via VADEQ approval until landowner permission is granted. Image: Signature in the spee extended indefinitely via VADEQ approval until landowner permission is granted. Image: Signature in the spee extended indefinitely via VADEQ approval until landowner permission is granted. Image: Signature in the spee extended indefinitely via VADEQ approval until landowner permission is granted. Image: Signature in the spee extended indefinitely via VADEQ approval until landowner permission is granted. 7/5/2024 0.2*1.7*-3.25 Hours 3									1 on 5/9/2024		
Image: Construction Image: Construction<	5/8/2024		1		1			1			One item has been extended indefinitely via VADEO approval until landowner permission is granted. Cui
0.8*-1.3* - 16 Hours 3	5/0/2024		-		-			-			
*Precipitation with periods of high intensity/short duration rainfall occurred on 5/14/2024 into early morning 5/15/2024 3 3 3 3 3 3 3 3 7 1 1 3 3 3 3 3 1									landowner permission		
5/15/2024 intensity/short duration rainfall occurred on 5/15/2024 3 3 a 3 a <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>3 on 5/16/2024</td><td></td><td></td></t<>									3 on 5/16/2024		
Image: Style of the series of the series of the second preceduation of	5/15/2024		3		3			3	,		Three items have been extended indefinitely via VADEQ approval until landowner permission is granted.
$5/15/2024$ $0.2^{n+}.1.7^{n-}.3.25$ Hours $0.2^{n-}.1.7^{n-}.3.25$ Hours 3 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>											
7/5/2024*Scattered thunderstorms with locations receiving high intensity/short duration rainfall occurred on late 7/4/20243extended indefinitely to be completed upon landowner permissionThree items have been extended indefinitely via VADEQ approval until landowner permission is granted.7/15/202411 <td></td> <td>5/15/2024</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>landowner permission</td> <td></td> <td></td>		5/15/2024							landowner permission		
7/5/2024 receiving high intensity/short duration rainfall occurred on late 7/4/2024 3 3 3 1 3 1 <		0.2"-1.7" - 3.25 Hours							3 on 7/6/2024		
receiving ngn intensity/short duration rainfall occurred on late 7/4/2024 Image: Complete dupon landowner permission Image: Complete dupon landowner permission Image: Complete dupon landowner permission 7/15/2024 1 1 1 1 1 1 1 1 1 0	7/5/2024	*Scattered thunderstorms with locations	2		2			2	extended indefinitely		Three items have been extended indefinitely via VADEO approval until landowner permission is granted
Image: Normal and the state of the state	77572024		3		5			5			The construction of the second
7/15/2024 1 1 1 extended indefinitely to be completed upon landowner permission 0ne item has been extended indefinitely via VADEQ approval until landowner permission is granted. 7/23/2024 0.5"-1.8" - 3.25 Hours 1 1 1 on 7/24/2024 1 on 7/24/2024 0ne item has been extended indefinitely via VADEQ approval until landowner permission is granted.		rainfall occurred on late 7/4/2024							landowner permission		
1/15/2024 1 1 1 1 1 to be completed upon landowner permission One item has been extended indefinitely via VADEQ approval until landowner permission is granted. 7/15/2024 0.5"-1.8" - 3.25 Hours 1 1 1 1 1 0 <td></td>											
Operation Opera	7/15/2024		1		1			1	,		One item has been extended indefinitely via VADEQ approval until landowner permission is granted.
No.5"-1.8" - 3.25 Hours 1 1 1 1 1					1						
0.5 ^a -1.8 ^a -3.25 Hours 1 extended indefinitely 7/23/2024 *Strong thunderstorms occurred on late 1 1 to be completed upon										+ +	
7/23/2024 *Strong thunderstorms occurred on late 1 1 1 to be completed upon											
	7/23/2024	*Strong thunderstorms occurred on late 7/22/2024	1		1			1			One item has been extended indefinitely via VADEQ approval until landowner permission is granted.

landowner permission

7.0 inches in 36 hours causing ESC measures to become overwhelmed. The VADEQ was immediately impact within an upland area west of MVP-RO-279.02. From late 9/16/2024 through early 9/19/2024, landowner access is granted to retrieve the sediment and conduct long term stabilization activities. ced approximately 3.5 inches of rainfall in 7 hours causing ESC measures to become overwhelmed. acted). Refer to Environmental Inspector Observations and Environmental Auditor Field

remnants of Hurricane Helene coupled with previous rainfall events and saturated conditions y notified and an extension request was approved until landowner access is granted. Temporary ESC

I landowner permission is granted. Currently, landowner permission has been denied.

								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	S
9/17/2024	0.4"-1.7" - 12 Hours *Precipitation from a tropical system with locations receiving intervals of high intensity/short duration rainfall began on late 9/16/2024	3					3			2 on 9/17/2024 1 on 9/20/2024	Three items were identified requiring ESC and SWM repair/maintenan
9/18/2024	0.7"-5.5" - 24 Hours *Precipitation from a tropical system with locations receiving intervals of high intensity/short duration rainfall continued from 9/17/2024	18		1			18 (includes off right of way impact)	3 on 9/21/2024 to be completed on 9/24/2024 due to wet conditions 1 on 9/21, 9/24, and 9/27/2024 to be completed on 9/30/2024 due to wet conditions	2 on 9/19/2024	8 on 9/19/2024 1 on 9/20/2024 3 on 9/21/2024 (extension request) 2 on 9/22/2024 (extension requests)	Eighteen items were identified requiring ESC, SWM, and Pollution Prev was identified as an off right of way impact paralleling the right of way MVP-RO-279.01. From 9/16/2024 through 9/18/2024, a prolonged sto above 5-IJ50. The impacted area was within the permanent between t access granted, ESC measures temporarily repaired, sediment removed impacted. A long term stabilization plan is being developed to prevent Area Report #1046) on 9/18/2024. The remaining item received extension request approvals due to wet
9/19/2024	0.1"-1.7" - 6 Hours *Scattered thunderstorms occurred on late 9/18/2024	1					1			1 on 9/20/2024	One item was identified requiring ESC repair/maintenance and comple
9/20/2024	0.0"-1.1" - 2.25 Hours *Isolated thunderstorms with intervals of high intensity/short duration rainfall occurred on late 9/19/2024	6					6			6 on 9/21/2024	Six items were identified requiring ESC and SWM repair/maintenance a
9/21/2024		1		1			1 (off right of way impact)	1 on 9/22/2024 extended indefinitely to be completed upon landowner permission			One item was identified requiring ESC and SWM repair/maintenance a 1800 feet in length and a distance of approximately 600 feet from the 9/18/2024, a prolonged storm event from a tropical system caused ESC should be noted that this impact was not documented immediately fol Upon discovery of the off right of way impact, the VADEQ was immedii granted. Throughout the remainder of the week following the precipit slope. No environmental resources were impacted. An enhanced state Form (Problem Area Report #1050) on 9/21/2024.
9/23/2024		1				1				1 on 9/24/2024	One item was identified requiring ESC repair/maintenance and comple unauthorized ATV traffic.
9/25/2024	0.5"-1.4" - 4 Hours *Moderate to heavy rainfall occurred on late 9/24/2024 and early morning on 9/25/2024	4					4	1 on 9/28/2024 to be completed on 10/1/2024 due to wet conditions		1 on 9/25/2024 2 on 9/26/2024	Four items were identified requiring ESC repair/maintenance and three extension request approval due to wet conditions.
9/26/2024	0.7"-1.7" - 3.5 Hours *Thunderstorms occurred on late 9/25/2024 and early morning 9/26/2024	11					11	11 on 9/29/2024 to be completed on 10/2/2024 due to wet conditions			Eleven items were identified requiring ESC and SWM repair/maintenar These items received extension requests due to wet conditions.
9/28/2024	1.1"-3.5" - 7 Hours *Precipitation from remnants of Hurricane Helene with intervals of high intensity/short duration rainfall occurred on 9/27/2024	50	3	3	1		50 (includes off right of way and environmental resource impacts)	1 on 9/29/2024 to be completed on 9/30/2024 (engineer review/redlines) 5 on 9/29/2024 extended indefinitely to be completed upon landowner permission	1 on 9/29/2024 (environmental resource impact)		Fifty items were identified requiring ESC and SWM repair/maintenance weather related damage due to a fallen tree. Three items were identif east of MVP-RO-279.01 (1). On 9/27/2024, a storm event from remnal erosion and sloughing that overwhelmed ESC and SWM measures. The granted at the remaining locations. A request has been submitted to t waterbar end treatments contributed to the impacts. No environment Reports #11046, #1077, and #1080) on 9/30/2024. The Environmental Three items were identified as environmental resource impacts at S-EF (access road). The storm event from remnants of Hurricane Helene co way resulting in ESC and SWM measures to become overwhelmed at S measures to become overwhelmed at W-IJ62 and W-KL1, respectively. repaired/enhanced, and gravel removed from W-KL1 at MVP-RO-288. Temporary ESC measures repairs/enhancements are slated to be cond above S-EF19. The LEI submitted Agency Compliance Forms (Problem , a Courtesy Notice of Force Majeure Declaration. The Environmental Auditor will conduct evaluations during the upcomi

SUMMARY OF OBSERVATIONS

ance and completed within the required timeframe.

Prevention repair/maintenance and 17 were completed within the required timeframe. One item way for approximately 70 linear feet extending 10 feet off right of way within an upland area east of 4 storm event from a tropical system caused ESC measures to become overwhelmed on the slope en the rip rap armor and edge of right of way. The VADEQ was immediately notified, landowner oved, and the area stabilized via an extension request approval. No environmental resources were vent future impacts throughout this area. The LEI submitted and Agency Compliance Form (Problem

vet conditions.

pleted within the required timeframe.

ce and completed within the required timeframe.

ce and removal of off right of way sediment. The off right of way impact occurred approximately the edge of the right of way within an upland area west of MVP-RO-279.02. From 9/16/2024 through I ESC and SWM measures to become overwhelmed on the slope above the AEP powerline crossing. It y following the rainfall event due to hazardous conditions preventing access to the off right of way. nediately notified and an indefinite extension request was approved until landowner access is cipitation event, the contactor staff initiated repairs on the ESC and SWM measures throughout the stabilization plan is being developed for this location. The LEI submitted and Agency Compliance

pleted within the required timeframe. This item was caused by third party impacts related to

aree were completed within the required timeframe. One of the identified items received and

nance.

ance and one was completed within the required timeframe. One of the items was caused by entified as off right of way impacts up to 50 feet within upland areas west of MVP-MN-278.01 (2) and mnants of Hurricane Helene coupled with previous rainfall and saturated conditions caused severe The VADEQ was immediately notified. Extension requests were approved until landowner access is to the VADEQ to extend earthen waterbars across the full width of the right of way as the permanent nental resources were impacted. The LEI submitted Agency Compliance Forms (Problem Area intal Auditor will conduct evaluations during the upcoming Bi-Weekly reporting period.

S-EF19 west of MVP-MN-278.01, W-IJ62 at MVP-RO-287 (access road), and W-KL1 at MVP-RO-288 e coupled with previous rainfall and saturated conditions caused erosion/sloughing on the right of at S-EF19. Flooding at MVP-RO-287 and MVP-RO-288 caused gravel washout resulting in the ESC vely. The VADEQ was immediately notified, landowner access granted, ESC measures 188. Extension requests were approved until landowner access is granted at the remaining locations. conducted at these locations. Long term enhanced measures are planned to be installed on the slopes lem Area Reports #1070, #1075, and #1076) on 9/30/2024. The MVP Environmental staff is preparing

oming Bi-Weekly reporting period.

he remaining 43 items have three days to be 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	SL			
	Ι					LAI	NDOWNER/THIRD PARTY REPORTED COMPLAINTS TOTAL NUMBER OBSERVATIONS SU							
DATE OF OBSERVATION		NE	AREST ROAD OR FEAT	URE				TOTAL NUMBER OBSERVATIONS						
							ENVIRONMENT	AL AUDITOR FIELD OBSERVATI		NDATIONS				
DATE OF OBSERVATION			OBSERV	ATIONS		LIVIKONWEN			UDATIONS	CONCLUSION AND RECOMMENDATIONS				
9/17/2024	The Environmental Auditor conducted site	evaluations at the f			AS), MVP-RO-281 (Acces	81.02 (CIS/GAS).		MVP Environmental		easures appeared to be installed and functional at the time of the evalu tions and recommendations related to severe erosion occurring on an a				
9/18/2024	The Environmental Auditor conducted site ((Access Road), and MVP-FR-292.01 (GAS).	evaluations at the fo	ollowing locations: MV	P-RO-279.01 (GA	S), MVP-FR-291 (Access	The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at the time of the evaluation. MVP Environmental staff regarding observations and recommendations related to installing additional ESC measures on an access road where ero The Environmental Auditor conducted an evaluation east of MVP-RO-279.01 where the Assistant LEI observed an off right of way impact on the slo Environmental Auditor observed saturated conditions and the contractor staff initiating repairs and off right of way sediment removal. It appeare edge of the right of way. Based on communication with the LEI and MVP Environmental staff, a long term stabilization plan is being developed for								
9/24/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-FR-292 (CIS/GAS), MVP-MLV-AR-29 (access road), MVP-MLV-AR-29 (CIS/GAS), and The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at the time of MVP Environmental staff regarding a recommendation to monitor vegetative growth within the mid-section of a permanent access road													
9/16/2024 through	The Environmental Auditor reviewed and n Project. The Environmental Auditor communicated documentation. The Environmental Auditor communicated period (End of Q3 2024) ending on 9/30/20 on the following: enhancing ESC measures i	with the LEI, Assista with all Spread LEIs)24, and the Q3 202	on 9/24/2024 regardin 4 reporting period end	d MVP Environme ng the Bi-Weekly ing on 9/30/2024	ental staff regarding obs reporting period ending . The Environmental Au	PPP VSIR Bi-Weekly reporting k/recommendations	SWPPP MVP Punchlist findings and communication with the Lead Environmental Inspector (LEI) Assistant LEL and Environmental Coordinator, the							
	requirements due to steep slopes and conc are not efficient on steep slopes, concentra and conducted restabilization activities as r communicated with the MVP Environmenta organic layer over time.	centrated flow conditions ated flow conditions necessary (includes ated flow conditions ated flow conditions ated flow conditions at the second states at th	itions resulting in erosi , and exhibit low funct adding additional lime	on, communicati ional longevity, a and fertilizer). It	ng with the contractor t nd monitor areas where should be noted that th									
								REQUIRED FINDINGS AND C	ONCLUSIONS					
Yes/No								If	No, provide explanat	ion and recommendat	ion for corrective action (if any).			
	es for the Project are in accordance with and Specifications and MVP's Site Specific	Yes												
The temporary erosion an installed, inspected, and n	nd sediment control measures are properly maintained?	Yes												
	Erosion and Sediment Control Measures isures in Need of Routine Maintenance are quired timeframes ?	Yes												

SUMMARY OF OBSERVATIONS

SUMMARY OF OBSERVATIONS

valuation. The Environmental Auditor communicated with the LEI, Assistant LEI, Environmental an access road during a heavy rainfall event affiliated with a tropical system. This observation was

evaluation. The Environmental Auditor communicated with the LEI, Assistant LEI, EC, Chief EI, and e erosion is occurring, and ESC measures repair/maintenance. ne slope above S-IJSO due to a prolonged storm event affiliated with a tropical system. The

eared that runoff concentrated between the edge of the rip rap installed as slope protection and the d for the impacted area.

valuation. The Environmental Auditor communicated with the LEI, Assistant LEI, EC, Chief EI, and conduct restabilization activities as necessary.

onitoring and conducting enhancements as needed throughout the Spread H project. Based on the or, the Spread H Project appears to meet the MVP Annual Standards and Specifications as required by

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ENVIRONMENTAL AUDITOR PARTIAL BI-WEEKLY REPORT - 9/30/2024 (END OF Q3 2024 REPORTING PERIOD)

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

Report Period Ending: 9/30/2024

Report Prepared By: Joe Crea

								SUMMARY OF FINDIN	GS		
Total Number of SWPPP In	spections: 3 conducted on 9/30/2024 (includes	PY-006)									
Total Number of Environm	ental Inspector (EI) Erosion and Sediment Conti	rol (ESC) Observatio	ns on 9/30/2024 (incl	udes Carry Over	Items from 9/29/2024):	82					
Total Number of ODCP Insp	pections at Laydown Yard PY-006: 1 (9/30/2024)									
	bservations on 9/30/2024: 0										
otal Number of Landowne	er/Third Party Reported Complaints: 0										
otal Number of Right of W	Vay Impacts Caused by Third Parties: 0 (unautho	orized traffic)									
	Vay Impacts Caused by Weather Related Damag	- · · · ·									
	of Way Impacts: 1 (On 9/30/2024, the El observ em has 24 Hours to be completed within the re								n Hurricane Helene proc	duced approximately 7	7.2 inches of rainfall causing a slope to slough resulting in the ESC me
	ental Resource Impacts: 0				,						
Total Number of ESC Meas	ures in Need of Routine Maintenance Not Mair	ntained Within Time	frames Required by N	IVP's Annual Sta	ndards and Specification	s or as Otherwise Prov	vided in the Consent I	Decree:0			
	tal Auditor's observations, the resources availa								ffective BMP measures	in a timely manner or	9/30/2024)
					•		<u> </u>	CARRY OVER ITEMS FROM 9,		<u>.</u>	
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	S
4/12/2024	0.5"-2.6" - 18 Hours *Intermittent light rainfall followed by high intensity/short duration storm events occurred on 4/11/2024	1		1			1	1 on 4/13/2024 extended indefinitely to be completed upon landowner permission			One item has been extended indefinitely via VADEQ approval until la
5/8/2024		1		1			1	1 on 5/9/2024 extended indefinitely to be completed upon landowner permission			One item has been extended indefinitely via VADEQ approval until la
5/15/2024	0.8"-1.3" - 16 Hours *Precipitation with periods of high intensity/short duration rainfall occurred on 5/14/2024 into early morning 5/15/2024	3		3			3	3 on 5/16/2024 extended indefinitely to be completed upon landowner permission			Three items have been extended indefinitely via VADEQ approval ur
7/5/2024	0.2"-1.7" - 3.25 Hours *Scattered thunderstorms with locations receiving high intensity/short duration rainfall occurred on late 7/4/2024	3		3			3 (off right of way impacts)	3 on 7/6/2024 extended indefinitely to be completed upon landowner permission			Three items have been extended indefinitely via VADEQ approval ur
7/15/2024		1		1			1	1 on 7/16/2024 extended indefinitely to be completed upon landowner permission			One item has been extended indefinitely via VADEQ approval until la
7/23/2024	0.5"-1.8" - 3.25 Hours *Strong thunderstorms occurred on late 7/22/2024	1		1			1	1 on 7/24/2024 extended indefinitely to be completed upon landowner permission			One item has been extended indefinitely via VADEQ approval until la
9/18/2024	0.7"-5.5" - 24 Hours *Precipitation from a tropical system with locations receiving intervals of high intensity/short duration rainfall continued from 9/17/2024	1					1	1 on 9/21, 9/24, 9/27, and 9/30/2024 to be completed on 10/3/2024 due to wet conditions			One item has been extended indefinitely via VADEQ approval until la
9/21/2024		1		1			1 (off right of way impact)	1 on 9/22/2024 extended indefinitely to be completed upon landowner permission			One item has been extended indefinitely via VADEQ approval until la
9/25/2024	0.5"-1.4" - 4 Hours *Moderate to heavy rainfall occurred on late 9/24/2024 and early morning on 9/25/2024	1					1	1 on 9/28/2024 to be completed on 10/1/2024 due to hazardous/wet conditions			One item requiring ESC and access road repair/maintenance receive
9/26/2024	0.7"-1.7" - 3.5 Hours *Thunderstorms occurred on late 9/25/2024 and early morning 9/26/2024	11					11	11 on 9/29/2024 to be completed on 10/2/2024 due to hazardous/wet conditions			Eleven items requiring ESC and SWM repair/maintenance received e

measures becoming overwhelmed. The VADEQ was immediately notified. Landowner access has SUMMARY OF OBSERVATIONS til landowner permission is granted. til landowner permission is granted. Currently, landowner permission has been denied. al until landowner permission is granted. al until landowner permission is granted. til landowner permission is granted eived an extension request approval due to hazardous/wet conditions. ved extension request approvals due to hazardous/wet conditions.

9/28/2024	1.1"-3.5" - 7 Hours *Precipitation from remnants of Hurricane Helene with intervals of high intensity/short duration rainfall occurred on 9/27/2024	49	2	3	1		49 (includes off right of way and environmental resource impacts)	1 on 9/29/2024 to be completed on 10/7/2024 (engineer review/redlines) 5 on 9/29/2024 extended indefinitely to be completed upon landowner permission		2 on 9/30/2024	Forty-nine items were identified requiring ESC and SWM repair/r as off right of way impacts within upland areas west of MVP-MN impacts at S-EF19 east of MVP-MN-278.01 and W-IJ62 at MVP-R permission is granted. In addition to the 6 items receiving extension request approval:
					• •	• •	EN	VIRONMENTAL INSPECTOR OB	SERVATIONS		
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT		RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	
9/30/2024	0.1"-0.6" - 3 Hours *Precipitation with locations receiving intervals of high intensity/short duration rainfall occurred on 9/29/2024	9		1			9 (includes off right of way impact)	:			Nine items were identified requiring ESC and SWM repair/mainto upland area east of MVP-MLV-AR-28. On 9/29/2024, a storm event the ESC measures. The VADEQ was immediately notified. Lando timeframe. No environmental resources were impacted. One item has 24 Hours and 7 items have 72 Hours to be completed.
				1				VADEQ OBSERVATIO	NS		
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT		RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS											
DATE OF OBSERVATION	OBSERVATION NEAREST ROAD OR FEATURE TOTAL NUMBER OBSERVATIONS										
							ENVIRONMENTA	LAUDITOR FIELD OBSERVATION	NS AND RECOMMENDA	TIONS	1
DATE OF OBSERVATION			OBSERVA	TIONS							CONCLUSION AND RECOMMENDATIONS
9/30/2024	The Environmental Auditor reviewed and noter Project. The Environmental Auditor communicated with documentation. The Environmental Auditor communicated with the Q3 2024 reporting period ending on 9/30/7 where straw mulch or hydraulic applications ar conditions resulting in erosion, communicating conditions, and exhibit low functional longevity (includes adding additional lime and fertilizer). consider adding biotic soil amendments where	and ODCP repor IVP Environment the Partial Bi-We ed feedback/reco of the AS&S and where low grade nal to no vegetat al Auditor also cr	tal staff regarding observers every reporting period (for mmendations on the for ESC requirements due types are not efficient tive growth and conduc ommunicated with the	PP VSIR on 9/30/2024 and measures (i.e. SSB) centrated flow ities as necessary	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP mo SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector (LEI), Assistant LEI, and Environmental Coordinator by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.						
								REQUIRED FINDINGS AND CO			
Yes/No								If	No, provide explanation	n and recommendatio	on for corrective action (if any).
Best management practic MVP's Annual Standards a and SWM Plans?	Yes										
The temporary erosion an installed, inspected, and r	nd sediment control measures are properly maintained?	Yes									
	y Erosion and Sediment Control Measures are res in Need of Routine Maintenance are quired timeframes ?	Yes									

/maintenance and two were completed within the required timeframe. Three items were identified N-278.01 (2) and east of MVP-RO-279.01 (1). Two items were identified as environmental resource RO-287 (access road). These items received indefinite extension request approvals until landowner

Is, the remaining 41 items have three days to be completed within the required timeframe.

SUMMARY OF OBSERVATIONS

enance. One item was identified as an off right of way impact approximately 10 feet within an vent coupled with previous rainfall and saturated conditions caused a slope to slough overwhelming owner access has been requested and this item has 24 Hours to be completed within the required

eted within the required timeframes.

SUMMARY OF OBSERVATIONS

SUMMARY OF OBSERVATIONS

onitoring and conducting enhancements as needed throughout the Spread H project. Based on the or, the Spread H Project appears to meet the MVP Annual Standards and Specifications as required



Mountain Valley Pipeline Project – Spread I Environmental Auditor Quarterly Report for Q3 2024 October 15, 2024

Environmental Auditor Contact Information

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

I. Introduction

The Spread I (portions of Construction Spreads 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. This reporting period covers July 1, 2024, through September 30, 2024 (Q3 reporting period).

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)
 - Laydown Yards: LY-045/046, LY-032, LY-033, LY-ANC-006, and Blairs Yard. It should be noted that upon completion of permanent restoration at LY-ANC-006 and Blairs Yard, the MVP lease agreement was terminated and these locations were returned to the respective landowners.

*Based on coordination with the Spread I Environmental inspection staff, 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:

- 13415+51-16027+46
- H-603: 0+00-24+53
- H-602: 0+00-7+19
- Laydown Yards: LY-045/046, LY-032, LY-033, LY-ANC-006, and Blairs Yard

*It should be noted that from 9/19/2024 through 9/27/2024, heavy rainfall events leading up to and including remnants from Hurricane Helene caused severe erosion and sloughing impacts at right of way locations within Franklin and Pittsylvania Counties. As a result of the impacts, additional contractor staff including heavy equipment will be mobilized to conduct permanent repairs/enhancements. Repair and restabilization activities will entail traveling through previously restored areas of the right of way and reinstalling temporary bridges across environmental resources to access the impacted areas. Information related to these upcoming activities will be provided in the Q4 2024 report.

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;
- Frequent Communication with the MVP Environmental staff, Chief EI, LEI, and Environmental Coordinator (EC);
- 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;
- Storm Water Pollution Prevention Plans, Erosion and Sediment Control Plans, and Post Construction Stormwater Management Plans;
- MVP 48-Hour Aquatic Resource Notifications;
- VA Off Right of Way Sediment Impact Tracker Spreadsheet;
- Agency Compliance Forms Problem Area Reports (PARs); and
- Notice of Force Majeure Declaration submitted on 7/15/2024, 7/28/2024, 8/2/2024, 8/14/2024, 8/19/2024, and 8/26/2024

The Environmental Auditor also relied on assistance and information from the MVP Environmental staff, Chief EI, 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 Els observed a total of 839 daily punchlist items (includes Carry Over items) requiring repair/maintenance throughout the Q3 reporting period. The Environmental Auditor noted 54 items identified by the Els as ESC measures damaged by third party impacts related to livestock traffic, wildlife traffic, unauthorized traffic, agricultural equipment traffic, and landowner traffic. One item was a weather related impact caused by a fallen tree due to rain and wind impacts from remnants of Hurricane Helene. The items provided on the daily MVP Punchlists throughout the Q3 reporting period were communicated to the contractor Environmental staff and most items were addressed within the VADEQ approved timeframe (24 hours/Three Days or as extended by VADEQ authorization). However, 28 items exceeded the three day timeframe requirement. **Refer to Table I-1C, Sections V., VI., and VII., and the respective Bi-Weekly Reports for further detailed information**.

During the Q3 reporting period the Spread I Environmental inspection staff observed 39 off right of way impacts within upland locations and 17 environmental resource impacts at S-CD8 (Bar Ridge Road), S-AB8 (Bar Ridge Road), S-DD3 (Ramsey Memorial Road), S-MM44 (Indian Cave Road), S-SS8 (Bar Ridge Road), three separate impacts at S-B6 (Riddle Road), S-A7 (Listening Hill Road), S-OO2 (Chalk Level Road), S-G15 (Ramsey Memorial Road), two separate impacts S-H37 (Jacks Creek Road), W-H17 (Highway 40), S-G18 (Timber Ridge Road), S-G13 (Ramsey Memorial Road), and S-II9 (House Rock Road).

On 7/5/2024, the EIs observed 2 off right of way sediment impacts up to 50 feet within upland areas west of Ramsey Memorial Road. On 7/4/2024, strong storm events with intervals of high intensity/short duration rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/maintained, sediment removed, and the areas stabilized within the required timeframe. No environmental resources were impacted. **Refer to Section VI. for further discussion**.

On 7/6/2024, the EIs observed 23 off right of way sediment impacts up to 150 feet within upland areas west of Listening Hill Road, east of Bar Ridge Road, west of Ramsey Memorial Road, and west of Snow Creek Road. On 7/4/2024, strong storm events with intervals of high intensity/short duration rainfall caused ESC measures to become overwhelmed. The VADEQ was immediately notified, sediment removed, ESC and SWM measures repaired/enhanced, and the areas stabilized within the required timeframe with 5 of those locations receiving extension request approvals. The LEI submitted an Agency Compliance Form (PAR #956) on 7/6/2024. **Refer to Section VI. for further discussion**.

On 7/6/2024, the Els observed three environmental resource impacts at S-CD8 east of Bar Ridge Road, S-AB8 east of Bar Ridge Road, and S-DD3 west of Ramsey Memorial Road. On 7/4/2024, strong storm events with high intensity/short duration rainfall caused ESC and SWM measures to become overwhelmed. The VADEQ was immediately notified, ESC and SWM measures repaired/maintained, sediment removed, and areas stabilized within the required timeframe. The LEI submitted Agency Compliance Forms (PARs #971, #972, and #973) on 7/6/2024. A Notice of Force Majeure Declaration was submitted to the VADEQ on 7/15/2024. **Refer to Section VI. for further discussion**.

On 7/19/2024, the EI observed an off right of way sediment impact approximately 15 feet within an upland location west of Listening Hill Road. On 7/18/2024, strong storm events caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/maintained, sediment removed, and the area stabilized within the required timeframe. No environmental resources were impacted. **Refer to Section VI. for further discussion**.

On 7/19/2024, the EI observed an environmental resource impact at S-MM44 east of Indian Cave Road and the Environmental Auditor observed an environmental resource impact at S-SS8 east of Bar Ridge Road. On 7/18/2024, strong storm events caused ESC measures to become overwhelmed impacting approximately 100 feet of S-MM44. It should be noted that based on communication from the Environmental Auditor on 7/5/2024, ESC measures above the stream were not repaired/maintained when this impact occurred. At S-SS8, severe gully erosion under the SSB on the west streambank contributed to the impact. The VADEQ was immediately notified, landowner access granted (S-MM44), ESC

measures repaired/enhanced, and sediment removed within the required timeframe at both streams with S-MM44 receiving an extension request approval. The LEI submitted Agency Compliance Forms (PARs #980 and #981) on 7/19/2024. A Notice of Force Majeure Declaration was submitted to the VADEQ on 7/28/2024. **Refer to Sections VI. and VII. for further discussion**.

On 7/21/2024, the EIs observed four off right of way sediment impacts up to 20 feet within upland areas west of Jacks Creek Road. On 7/20/2024, strong storm events caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/maintained, sediment removed, and the areas stabilized within the required timeframe. No environmental resources were impacted. The LEI submitted an Agency Compliance Form (PAR #988) on 7/21/2024. **Refer to Section VI. for further discussion**.

On 7/22/2024, the EI observed an off right of way sediment impact approximately 15 feet within an upland area west of Indian Cave Road. On 7/21/2024, a strong storm event coupled with existing saturated conditions caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/maintained, sediment removed, and the area stabilized within the required timeframe. No environmental resources were impacted. The LEI submitted an Agency Compliance Form (PAR #1003) on 7/22/2024. **Refer to Section VI. for further discussion**.

On 7/23/2024, the EI observed two off right of way sediment impacts up to 60 feet, within upland areas east of Listening Hill Road and west of Ramsey Memorial Road. On 7/22/2024, storm events with intervals of high intensity/short duration rainfall coupled with existing saturated conditions caused ESC and SWM measures to become overwhelmed. It should be noted that runoff from the permanent waterbar end treatments contributed to the erosion and subsequent off right of way impacts. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/maintained, sediment removed, and the areas stabilized within the required timeframe. One of the items received an extension request approval. No environmental resources were impacted. The LEI submitted an Agency Compliance Form (PAR #1004) on 7/23/2024. **Refer to Section VI. for further discussion**.

On 7/23/2024, the EIs observed two environmental resource impacts at S-B6 east of Riddle Road and S-A7 west of Listening Hill Road. On 7/22/2024, storm events with intervals of high intensity/short duration rainfall coupled with existing saturated conditions caused ESC and SWM measures to become overwhelmed. It should be noted that runoff from the permanent waterbar end treatments contributed to the erosion and subsequent stream impacts. At S-B6, runoff from above permanent waterbar end treatments caused erosion on the streambank subsequently depositing sediment into the stream channel. The VADEQ was immediately notified, ESC measures temporarily repaired/maintained, sediment removed, and the area temporarily stabilized within the required timeframe. At S-A7, runoff from the upslope permanent waterbar end treatments caused erosion resulting in the ESC measures to become overwhelmed. The VADEQ was immediately notified, ESC measures were repaired/enhanced, and sediment removed from the stream channel within the required timeframe via an extension request approval. The LEI submitted Agency Compliance Form (PARs #1005 and #1010) on 7/23/2024. A Notice of Force Majeure Declaration was submitted on 8/2/2024. **Refer to Section VI. for further discussion**.

On 7/25/2024, the EI observed an off right of way sediment impact approximately 60 feet within an upland area east of Chalk Level Road. On 7/23/2024, a strong storm event coupled with existing saturated conditions caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/maintained, sediment removed, and the area stabilized within the required timeframe. No environmental resources were impacted. **Refer to Section VI. for further discussion**.

On 7/25/2024, the EI observed an environmental resource impact at S-OO2 east of Chalk Level Road. On 7/23/2024, a strong storm event coupled with existing saturated conditions caused erosion on the streambank subsequently impacting the stream. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/maintained, sediment removed, and the area stabilized within the required timeframe. The LEI submitted an Agency Compliance Form (PAR #1012) on 7/26/2024. A Notice of Force Majeure Declaration was submitted on 8/2/2024. **Refer to Section VI. for further discussion**.

On 7/29/2024, the EI observed an off right of way sediment impact approximately 5 feet within an upland area west of Riddle Road. On 7/23/2024, a strong storm event coupled with existing saturated conditions caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/maintained, sediment removed, and the area stabilized within the required timeframe. No environmental resources were impacted. **Refer to Section VI. for further discussion**.

On 7/29/2024, the EI observed an environmental resource impact at S-B6 east of Riddle Road. On 7/23/2024, a strong storm event coupled with existing saturated conditions caused the upland slope and streambank to become saturated and subsequently sloughing into the stream. It should be noted that runoff from permanent waterbar end treatments east of the stream contributed to the impact. The VADEQ was immediately notified, ESC measures temporarily repaired, sediment removed, and the area stabilized within the required timeframe. This area received an extension request approval due to an engineering review and redlines to provide long term slope stabilization. The LEI submitted an Agency Compliance Form (PAR #1013) on 7/29/2024. A Notice of Force Majeure Declaration was submitted on 8/2/2024. Refer to Section VI. for further discussion.

On 7/30/2024, the EI observed an environmental resource impact at S-G15 east of Ramsey Memorial Road. On 7/29/2024, storm events coupled with existing saturated conditions and erosion under the SSB caused the streambank to slough into the stream channel. It should be noted that on previous evaluations, the Environmental Auditor communicated concerns regarding this location related to the erosion and the streambank instability. The VADEQ was immediately notified, ESC measures temporarily repaired, sediment removed, and the areas stabilized within the required timeframe via an extension request approval. As request by the VADEQ, an engineering review was conducted and the ESC plans were redlined on 8/2/2024 to address ongoing erosion issues above the stream. It should be noted that the Environmental Auditor conducted previous evaluations at this location related to the streambank instability and upslope erosion issues. The LEI submitted an Agency Compliance Form (PAR #1015) on 7/30/2024. **Refer to Sections VI. and VII. for further discussion**.

On 8/4/2024, the EI observed an off right of way sediment impact approximately 10 feet within an upland area west of Jacks Creek Road. On 8/3/2024, a strong storm event caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/maintained, sediment removed, and the area stabilized within the required timeframe. No environmental resources were impacted. **Refer to Section VI. for further discussion**.

On 8/4/2024, the EI observed an environmental resource impact at S-H37 west of Jacks Creek Road caused by third party impacts related to continued extensive livestock activity. On 8/3/2024, a strong storm event coupled with damaged ESC measures from livestock activities resulted in streambank erosion subsequently impacting the stream. The VADEQ was immediately notified, sediment removed, ESC measures repaired/enhanced, and the streambanks restabilized within the required timeframe. A Notice of Force Majeure Declaration was submitted on 8/14/2024. **Refer to Section VI. for further discussion**.

On 8/10/2024, the EIs observed three environmental resource impacts at S-B6 east of Riddle Road, W-H17 east of Highway 40, and S-H37 west of Jacks Creek Road. From 8/7/2024 through 8/8/2024, a storm event with intervals of high intensity/short duration rainfall from Tropical Storm Debby caused ESC and SWM measures to become overwhelmed. At S-B6, continued issues related to runoff from permanent waterbar end treatments east of the stream caused the streambank to slough resulting in a sediment impact to the stream. The VADEQ was immediately notified, temporary ESC and SWM measures repaired/maintained, and sediment removed from the stream within the required timeframe. It should be noted that due to redundant impacts at this location, extension requests were approved by the VADEQ until permanent repairs could be conducted. The LEI submitted an Agency Compliance Form (PAR #1022) on 8/10/2024. On 8/19/2024, a permanent waterbar was extended across the right of way

above S-B6 and permanent repairs/enhancements completed. At W-H17, off right of way run-on caused severe erosion within the right of way. This event caused ESC and SWM measures to become damaged resulting in sediment impacts to the wetland. The VADEQ was immediately notified, ESC and SWM measures repaired/enhanced, and sediment removed from W-H17 within the required timeframe. Based on previous issues related to the off right of way run-on at this location, the Environmental Auditor recommended installing soil stabilization matting (SSM) within a draw across the right of way. The LEI submitted an Agency Compliance Form (PAR #1023) on 8/10/2024. At S-H37, heavy rainfall coupled with damaged ESC and SWM measures from livestock activities caused streambank erosion resulting in a sediment impact to the stream. The VADEQ was immediately notified, ESC and SWM measures repaired/enhanced, and sediment removed from the stream within the required timeframe. The LEI submitted an Agency Compliance Form (PAR #1024) on 8/10/2024. A Notice of Force Majeure Declaration for all three impacts was submitted on 8/192024. **Refer to Section VI. for further discussion**.

On 8/12/2024, the EI observed and environmental resource impact at S-G18 east of Timber Ridge Road. From 8/7/2024 through 8/8/2024, a storm event from Tropical Storm Debby with intervals of high intensity/short duration rainfall caused streambank erosion resulting in the stream impact. The VADEQ was immediately notified, the streambank regraded, ESC measures repaired/enhanced, and sediment removed from the stream within the required timeframe. The LEI submitted Agency Compliance Form (PAR #1025) on 8/12/2024. A Notice of Force Majeure Declaration was submitted on 8/19/2024. **Refer to Section VI. for further discussion**.

On 9/19/2024, the EI observed an off right of way sediment impact approximately 50 feet within an upland area east of Ramsey Memorial Road. On 9/18/2024, a storm event from a tropical system caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, temporary ESC measures installed, sediment removed, the area stabilized. It should be noted this impact was caused by upslope runoff due to topographic conditions and permanent waterbar end treatments. Due to redundant ESC measures repair/maintenance at this location, an engineering review is underway to implement ESC and SWM enhancements. No environmental resources were impacted. The LEI submitted an Agency Compliance Form (PAR #1047) on 9/19/2024. **Refer to Section VI. for further discussion**.

On 9/25/2024, the EI observed an environmental resource impact at S-G13 east of Ramsey Memorial Road. From 9/24/2024 into early 9/25/2024, strong storm events with intervals of high intensity/short duration rainfall coupled with existing saturated conditions caused ESC measures to become overwhelmed. The VADEQ was immediately notified, sediment removed, ESC measures temporarily repaired, and the streambank stabilized. Based on a field evaluation conducted by the Environmental Auditor on 9/26/2024, it appeared this impact was caused by upslope runoff due to topographic conditions and permanent waterbar end treatments. Due to the redundant issues identified on 9/19/2024, an enhanced stabilization plan is being developed for this area. The LEI submitted an Agency Compliance Form (PAR #1052) on 9/25/2024. The MVP Environmental staff is preparing a Notice of Force Majeure Declaration. **Refer to Section VI. for further discussion**.

On 9/26/2024, the LEI and Environmental Auditor observed an off right of way sediment impact approximately 100 feet within upland area east of Ramsey Memorial Road. The impact was caused by redundant issues identified on 9/19/2024 and 9/25/2024. Due to ongoing issues on the slope, the Environmental Auditor provided recommendations and redlines are currently being developed to enhance ESC measures and extend waterbars across the full width of the right of way (pending VADEQ approval). The El observed an off right of way impact approximately 20 feet within an upland area east of Armstrong Road. On 9/25/2024, a strong storm event coupled with previous rainfall and saturated conditions caused ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, temporary ESC measures installed, sediment removed, and the areas stabilized at both locations within the required timeframe. No environmental resources were impacted. The LEI submitted Agency Compliance Forms (PARs #1061 and #1062, respectively) on 9/26/2024. **Refer to Section VI. for further discussion**. On 9/28/2024, the EI observed an environmental resource impact at S-II9 east of House Rock Road. On 9/27/2024, a storm event from remnants of Hurricane Helene coupled with previous rainfall and saturated conditions caused a slope to slough and ESC measures to become overwhelmed. The VADEQ was immediately notified, ESC measures temporarily repaired, sediment removed, and the streambank stabilized within the required timeframe. It should be noted that an engineering review is underway to develop enhanced stabilization measures due to redundant issues occurring on the slope. The LEI submitted an Agency Compliance Form (Problem Area Report #1069) on 9/28/2024. The MVP Environmental staff is preparing a Notice of Force Majeure Declaration.

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 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:

Sp	read I Environmental	Inspector Observation	is: July 1, 2024 – Se	ptember 30, 2024	
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 2024	*370	10	35	26	0
August 2024	*239	5	1	22	0
September 2024	*230	2	3	23	1

Table I-1A

* Includes Carry Over Items

The EIs conducted a total of 430 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/repaired within the same day or within the VADEQ approved timeframe (24 Hours/Three Days or as extended by VADEQ authorization). However, one daily MVP Punchlist item was exceeded between 8/2/2024 and 8/16/2024. It should be noted that SWPPP inspections were postponed on 8/8/2024, 8/9/2024, 9/17/2024, and 9/27/2024 due to hazardous conditions related to weather events and the VADEQ was immediately notified. **Refer to Sections VI. and VII. for further discussion**.

While conducting SWPPP inspections throughout the Q3 reporting period the Spread I Environmental inspection staff noted environmental resource impacts caused by upstream third party activities at S-C4 and S-C3 west of Lark Drive. On 7/1/2024, 7/11/2024 and 7/16/2024, the EI observed milk (dairy) impacts to S-C4 and S-C3 due to upslope dairy farm operations. On 8/5/2024, the EI observed sediment deposition from upstream third party activities within S-CC16, S-G3, S-G4, and S-G6 east of Snowberry Road following a strong storm event on 8/4/2024. On 8/14/2024, the EI observed sediment deposition from upstream third party activities at S-MM8, S-CC8, S-CC9, and S-CC10 east of Toshes Road following precipitation from remnants of Tropical Storm Debby that occurred from 8/7/2024 through 8/8/2024. No project related impacts were observed at the time of the inspections in these areas.

The Spread I Environmental inspection staff conducted ODCP inspections at Laydown Yard 045/046 throughout a portion of the Q3 reporting period. Fourteen inspections were conducted in July. On 7/17/2024, refueling operations ceased at the laydown yard and the fuel storage units were removed. No spills were observed 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. On 7/4/2024, strong storm events with high intensity/short duration rainfall produced approximately 2.1 inches of rainfall in three hours. The storm events caused ESC and SWM measures to become overwhelmed resulting in 25 off right of way impacts within upland areas and three environmental resource impacts at S-CD8, S-AB8, and S-DD3. Two of the off right of way impacts were observed by the

Els on 7/5/2024. Twenty-three of the off right of way impacts and environmental resource impacts were observed by the Els on 7/6/2024. **Refer to discussion above, Table I-1B, and Section VI. for further discussion**.

On 7/18/2024, strong storm events with high intensity/short duration rainfall produced approximately 1.3 inches of rainfall in 0.5 hours. The events caused ESC measures to become overwhelmed resulting in one off right of way impact within an upland area and two environmental resource impacts at S-MM44 and S-SS8. The EIs and Environmental Auditor observed the impacts on 7/19/2024. **Refer to discussion above, Table I-1B, Section VI., and Section VII. for further discussion**.

On 7/20/2024, strong storm events with high intensity/short duration rainfall produced approximately 1.3 inches of rainfall in one hour. This event caused ESC measures to become overwhelmed resulting in four off right of way impacts within upland areas. The EIs observed the impacts on 7/21/2024. **Refer to discussion above, Table I-1B, and Section VI. for further discussion**.

On 7/21/2024, a strong storm event produced approximately 1.1 inches of rainfall in one hour. This event coupled with existing saturated conditions caused ESC measures to become overwhelmed resulting in an off right of way impact within an upland area. This impact was observed by the EI on 7/22/2024. **Refer to discussion above, Table I-1B, and Section VI. for further discussion**.

On 7/22/2024, storm events produced approximately 1.3 inches of rainfall in one hour. The storms coupled with existing saturated conditions caused ESC measures to become overwhelmed resulting in two off right of way impacts within upland areas and two environmental resource impacts at S-B6 and S-A7. The impacts were observed by the EIs on 7/23/2024. **Refer to discussion above, Table I-1B, and Section VI. for further discussion**.

On 7/23/2024, a strong storm event produced approximately 1.1 inches of rainfall in two hours. The storm coupled with previous rainfall and saturated conditions caused ESC measures to become overwhelmed resulting in two off right of way impacts within upland areas and two environmental resource impacts at S-OO2 and S-B6. The impacts were observed by the EIs on 7/23/2024 and 7/25/2024. **Refer to discussion above, Table I-1B, and Section VI. for further discussion**.

On 7/29/2024, storm events produced approximately one inch of rainfall in two hours. This event coupled with existing saturated conditions and erosion occurring under the soil stabilization blanket caused the S-G15 streambank to slough into the stream. The EI observed this impact on 7/30/2024. **Refer to discussion above, Table I-1B, Section VI., and Section VII. for further discussion**.

On 8/3/2024, a strong storm event produced approximately 1.4 inches of rainfall in one hour. The storm coupled with existing saturated conditions caused ESC measures to become overwhelmed resulting in one off right of way impact within an upland area and one environmental resource impact at S-H37. The impacts were observed by the EIs on 8/4/2024. **Refer to discussion above, Table I-1B, and Section VI. for further discussion**.

From 8/7/2024 through 8/8/2024, a storm event with intervals of high intensity/short duration rainfall from Tropical Storm Debby produced approximately 4.4 inches in 24 hours. This event caused ESC and SWM measures to become overwhelmed resulting in four environmental resource impacts at S-B6, W-H17, S-H37, and S-G18. The EIs observed these impacts on 8/10/2024 and 8/12/2024. **Refer to discussion above, Table I-1B, and Section VI. for further discussion**.

On 9/18/2024, a storm event from a tropical system produced approximately 2.6 inches of rainfall in 1.5 hours. This event coupled with saturated conditions caused ESC measures to become overwhelmed resulting in an off right of way impact within an upland area. The impact was observed by the EI on 9/19/2024. **Refer to discussion above, Table I-1B, and Section VI. for further discussion**.

From 9/24/2024 into 9/25/2024, strong storm events produced approximately 2.8 inches of rainfall in 12 hours. This event coupled with previous rainfall and saturated conditions caused ESC measures to become overwhelmed resulting in an environmental resource impact at S-G13. The El observed the impact on 9/25/2024. **Refer to discussion above, Table I-1B, and Section VI. for further discussion**.

On 9/25/2024, a strong storm event produced approximately 2.2 inches of rainfall in two hours. This event coupled with previous rainfall and saturated conditions caused ESC and SWM measures to become overwhelmed resulting in two off right of way impacts within upland areas. The EIs observed the impacts on 9/26/2024. **Refer to discussion above, Table I-1B, and Section VI. for further discussion**.

From 9/26/2024 through 9/27/2024, storm events leading up to and including remnants from Hurricane Helene produced approximately 2.5 inches of rainfall in 48 Hours. These events coupled with previous rainfall and saturated conditions caused a slope to slough which overwhelmed the ESC measures resulting in an environmental resource impact to S-II9. The EI observed the impact on 9/28/2024. **Refer to discussion above, Table I-1B, and Section VI. for further discussion**.

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

	Spread I Precipita	ation and Dura	ation Rates: July 1, 2024 -	- September 3	30, 2024
	July		August		September
Date Recorded	Precipitation and Approximate Duration	Date Recorded	Precipitation and Approximate Duration	Date Recorded	Precipitation and Approximate Duration
7/1/2024	0.0"-1.2"5 Hours *Isolated storms with high intensity/short duration rainfall occurred on 6/30/2024	8/3/2024	0.0"-0.7" - 2 Hours *Isolated storm events occurred on 8/2/2024	9/1/2024	0.1"-1.6" - 36 Hours *Scattered thunderstorms with locations receiving high intensity/short duration rainfall occurred on 8/30/2024 and 8/31/2024
7/5/2024	0.2"-2.1" - 3 Hours *Scattered thunderstorms with locations receiving high intensity/short duration rainfall occurred late on 7/4/2024	8/4/2024	0.25"-2.0" - 1 Hour *Scattered storm events with areas of high intensity/short duration rainfall occurred on late 8/3/2024	9/3/2024	0.0"-0.8" - 12 Hours Isolated precipitation with locations receiving high intensity/short duration rainfall occurred on 9/2/2024
7/6/2024	0.0"-0.7" - 4 Hours *Scattered storm events with intervals of high intensity/short duration rainfall occurred on 7/5/2024	8/8/2024 and 8/9/2024	1.8"-4.4" - 36 Hours *A storm event from Tropical Storm Debby began on 8/7/2024 and continued through late 8/8/2024	9/17/2024	0.4"-2.0" - 12 Hours *Storm events with areas receiving high intensity/short duration rainfall began on 9/16/2024
7/13/2024	0.0"-0.9" - 2 Hours *Isolated storm events with high intensity/short duration rainfall occurred on 7/12/2024	8/19/2024	0.0"-0.75" - 48 Hours *Scattered rainfall occurred on 8/17/2024 and 8/18/2024	9/18/2024	0.7"-3.5" - 36 Hours *A storm event from a tropical system with intervals of high intensity rainfall occurred from 9/17/2024 through 9/18/2024
7/18/2024	0.1"-0.25" - 2 Hours *Scattered storms occurred on 7/17/2024	8/30/2024	0.0"-2.8" - 12 Hours *Scattered strong storms occurred on 8/29/2024	9/19/2024	0.2"-2.6" - 1.5 Hours *A strong storm event from a tropical system with locations receiving high intensity/short duration rainfall occurred late on 9/18/2024
7/19/2024	0.3"-1.3"5 Hours *Strong storms occurred on 7/18/2024			9/20/2024	0.0"- 0.3" - 1 Hour *Isolated strong storms occurred on late 9/20/2024
7/21/2024	0.3"-1.3" - 1 Hour *Strong storm events occurred on 7/20/2024			9/25/2024	0.8"-3.6" - 24 Hours *Strong storm events with heavier intensity throughout a 12 hour period occurred from 9/24/2024 into 9/25/2024

Table I-1B

	Spread I Precipitation and Duration Rates: July 1, 2024 – September 30, 2024									
	July		August	September						
Date Recorded	Precipitation and Approximate Duration	Date Recorded	Approximate		Precipitation and Approximate Duration					
7/22/2024	0.2"-1.4" - 1 Hour *A strong storm event occurred on 7/21/2024			9/26/2024	0.6"-2.2" - 12 Hours *A strong storm event with intervals of high intensity short duration rainfall occurred throughout 9/25/2024					
7/23/2024	0.0"-0.75" - 2 Hours *Scattered storm events occurred on 7/22/2024			9/27/2024	0.2"-1.3" - 24 Hours *A storm event from remnants of Hurricane Helene began on 9/26/2024					
7/24/2024	0.5"-1.1" - 2 Hours *Scattered storm events occurred on 7/23/2024			9/28/2024	0.4" - 2.0" - 24 Hours *A storm event from remnants of Hurricane Helene with intervals of high intensity/short duration rainfall continued through 9/27/2024					
7/30/2024	0.0"-1.0" - 12 Hours *Isolated storm events occurred on 7/29/2024			9/30/2024						

IV. Quarterly Summary of VADEQ Observations

Per Table I-1C, the VADEQ Inspectors observed a total of 82 items requiring repair/maintenance throughout the Q3 reporting period. The Environmental Auditor noted four items identified by the VADEQ as ESC measures damaged due to third party impacts related to unauthorized traffic throughout the Q3 reporting period. During the Q3 reporting period, the VADEQ identified one environmental resource impact at S-OO2 east of Chalk Level Road. The items provided on the daily MVP Punchlists throughout the Q3 reporting period were communicated to the contractor staff and most items were addressed within the VADEQ approved timeframe (24 hours/Three Days or as extended by VADEQ authorization). However, one item exceeded the three day timeframe requirement without receiving an approved extension request. **Refer to Table I-1C, Sections VI. and VII., and the respective Bi-Weekly Reports for further detailed information**.

On 8/16/2024, the VADEQ inspector identified an environmental resource impact at S-OO2 east of Chalk Level Road. Third party foot traffic damaged the ESC measures and caused an area of the streambank to slough resulting in a sediment impact to the stream. The streambank was regraded, ESC measures repaired/enhanced, and sediment removed from the stream within the required timeframe. The LEI submitted Agency Compliance Form (PAR #1029) on 8/16/2024. The MVP Environmental staff submitted a Notice of Force Majeure Declaration on 8/26/2024.

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:

Spread I VADEQ Observations: July 1, 2024 – September 30, 2024									
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 2024	*25	0	0	0	0				
August 2024	*28	1	0	2	0				
September 2024	*29	0	0	2	0				

Table I-1C

* Includes Carry Over Items

V. Quarterly Summary of Landowner/Third Party Issues

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

VI. Quarterly Summary of Environmental Auditor Observations and Recommendations

Per Table I-1D, the Environmental Auditor conducted 77 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, SWM, and Pollution Prevention measures throughout the project for proper installation and functionality. The Environmental Auditor also reviewed and provided recommendations related to daily MVP Punchlists and SWPPP VSIRs. The Environmental Auditor communicated technical and administrative observations and recommendations to the LEI, Environmental Coordinator (EC), Chief EI, and MVP Environmental staff. Installation and repair/maintenance recommendations were forwarded to the contractor Environmental staff by the Spread H Environmental inspection staff and most recommendations were subsequently addressed.

During the Q3 reporting period, the Environmental Auditor evaluated locations throughout the right of way where final cleanup and permanent restoration activities were occurring. The Environmental Auditor focused on proper installation of the ESC measures, SWM measures (right of way and access roads), and site restoration implementation. The Environmental Auditor also conducted evaluations at locations where off right of way and environmental resource impacts occurred throughout the Q3 reporting period. The Environmental Auditor communicated/coordinated with the onsite EIs and LEI on a continued basis to ensure permanent restoration activities were conducted in accordance with the required ESC Plans, SWM Plans and AS&S requirements. The Environmental Auditor frequently communicated with the LEI, EC, Chief EI, and MVP Environmental staff regarding observations and recommendations related to conducting proper mulching operations to achieve uniform coverage at the required rates, properly installing SSB, and recognizing locations where concentrated flow resulted in erosive conditions and implementing enhanced ESC measures at such locations. The Environmental Auditor also communicated with the LEI regarding relevant documentation related to SWPPP VSIRs, daily MVP Punchlists, ODCP Inspection reports, and Agency Compliance Forms (PARs).

The Environmental Auditor provided the following detailed technical and administrative/documentation recommendations:

Technical Recommendations

- Repair rills/gullies prior to conducting stabilization activities.
- Ongoing communication to install SSB where straw/hydraulic mulch are not effective measures
 per Section 3.2 of the AS&S requirements. Areas of concern where concentrated runoff has
 caused erosion are along the inside edge of perimeter sediment controls on slopes, below
 waterbar end treatments, areas where rills/gullies have formed, and areas where sheet flow
 transitioned to concentrated flow conditions. Install SSM in locations where flow and velocity
 conditions exceed the specifications for SSB.
- Upgrading SSB throughout locations where the previously installed SSB is not an ineffective measure per Section 3.2 of the AS&S due to slope, concentrated flow conditions, and limited functional longevity.
- Ongoing communication to properly install SSB related to anchoring and stapling.
- Evaluate and repair compost filter sock (CFS) where undermining was observed.
- Install SSB and check dams along the inside edge of perimeter sediment controls on slopes where concentrated runoff could potentially cause erosive conditions.

- Monitor temporary bridge crossings during active construction activities and enhance ESC measures as necessary.
- Evaluate vegetative growth throughout the right of way and restabilize locations where there is
 minimal to no vegetative growth. The stabilization process should entail the addition of lime and
 fertilizer as necessary. The Environmental Auditor also suggested to the LEI, Chief EI, and MVP
 Environmental staff to consider additional soil amendments to provide sustainable soil fertility.
 Soil fertility and pH testing is recommended to determine appropriate application rates.

Administrative/Documentation Recommendations

- Conduct QA/QC to ensure consistency and thoroughness between the daily MVP Punchlists and SWPPP VSIRs.
- Update the off right of way Sediment Tracker data and submit Agency Compliance Forms to the Environmental Auditor following an off right of way/environmental resource impact.
- Communicate third party/landowner complaints, off right of way impacts, and environmental resource impacts to the Environmental Auditor.

The Environmental Auditor continued to communicate concerns related to areas of the right of way where mulch applied during the Q2 2024 reporting periods did not meet Section 3.2 of the AS&S due to observations related to extensive erosion and off right of way sediment impacts following storm events. The Environmental Auditor provided recommendations to install Soil Stabilization Blanket (SSB) or Soil Stabilization Matting (SSM) and enhanced ESC measures as necessary to minimize ongoing and potential erosion and sediment impacts.

On 7/11/2024, the Environmental Auditor conducted evaluations east and west of Ramsey Memorial Road where the Els observed off right of way impacts and an environmental resource impact at S-DD3 on 7/5/2024 and 7/6/2024. The Environmental Auditor observed locations where the ESC measures were repaired/enhanced, sediment removed, and the impacted areas stabilized. Recommendations were provided to install enhanced ESC measures in locations where runoff was concentrated along the inside edge of the perimeter sediment controls, installing SSB within areas of concentrated flow and on slopes greater than 3:1 where straw mulch was applied. The Environmental Auditor communicated observations related to the S-G15 streambank sloughing and erosion occurring under the SSB.

On 7/17/2024, the Environmental Auditor conducted evaluations west of Snow Creek Road where the El observed an off right of way impact on 7/6/2024. The Environmental Auditor observed the ESC measures repaired, off right of way sediment removed, and the area stabilized. However, erosion was observed under straw mulch and the SSB at the time of the evaluation. A recommendation was provided to repair the erosion and install SSB in areas of concentrated flow to meet Section 3.2 of the AS&S requirements. The Environmental Auditor conducted a follow up evaluation on 8/20/2024 and observed the erosion repaired and SSB properly installed.

On 7/19/2024, the Environmental Auditor conducted an evaluation east of Indian Cave Road where the El observed an environmental resource impact at S-MM44 on that day. At the time of the evaluation, the Environmental Auditor observed sediment removal was pending from approximately 100 feet of the stream channel, undermining of the CFS and SSB upslope of the stream, and locations where SSB was not properly installed. It should be noted that the Environmental Auditor conducted an evaluation at this location on 7/5/2024 and observed a location where SSB was not installed and several locations where the SSB was not properly installed per the ESC Plan requirements. The observations were communicated with the LEI, Chief EI, EC, and Environmental staff. On 8/1/2024 the Environmental Auditor conducted a follow up evaluation and observed the sediment removed from S-MM44, impacted areas stabilized, and most ESC measures repaired. However, undermining at the CFS below waterbar end treatments and locations where the SSB was not properly installed and continued to recommend properly anchoring the SSB. On 9/16/2024, the Environmental Auditor conducted an evaluation and observed the ESC and SWM measures installed and functional. **Refer to Section VII. for further discussion**.

On 7/19/2024, the Environmental Auditor conducted an evaluation at locations east of Bar Ridge Road where the El observed off right of way impacts and environmental resource impacts at S-CD8 and S-AB8 on 7/6/2024. The Environmental Auditor observed ESC measures repaired/maintained, sediment removed, and the impacted areas stabilized. Recommendations were communicated to install enhanced ESC measures in locations where runoff was concentrated along the inside edge of the perimeter sediment controls and to install SSB within areas of concentrated flow and on slopes greater than 3:1 where hydraulic applications were conducted to comply with Section 3.2 of the AS&S. Additionally, in areas where hydraulic applications were conducted that developed areas of concentrated flow, recommended installation of appropriate grade SSB to address erosive conditions. While conducting the evaluation, the Environmental Auditor observed a sediment impact to S-SS8 due to severe erosion under the SSB above the stream. The Environmental Auditor communicated the observations and provided a recommendation to enhance the SSB in this area as the current SSB was no longer an effective measure per Section 3.2 of the AS&S. On 8/7/2024, the Environmental Auditor conducted a follow up evaluation and observed the sediment removed from S-SS8 and enhanced ESC measures installed and functional.

On 7/23/2024, the Environmental Auditor conducted evaluations west of Jacks Creek Road where off right of way sediment impacts were observed by the EI on 7/21/2024. The Environmental Auditor observed the ESC measures repaired, sediment removed, and the areas stabilized. It should be noted that these locations along with S-H37 have been subjected to continuous livestock traffic.

On 8/1/2024, the Environmental Auditor conducted an evaluation east of Ramsey Memorial Road where an off right of way impact and environmental resource impact at S-G15 were observed by the EI on 7/30/2024. The Environmental Auditor observed the S-G15 streambank repaired and stabilized. It should be noted the Environmental Auditor evaluated S-G15 east of Ramsey Memorial Road on 7/11/2024 and 7/17/2024 and observed the west streambank showing signs of sloughing and erosion under the SSB directly above the streambank. The Environmental Auditor communicated these concerns to the Spread I Environmental inspection staff, Chief EI, and MVP Environmental staff immediately following the evaluations. The upland ESC measures were repaired/maintained, sediment removed, and the area stabilized. Based on the evaluation of this location and where severe erosion occurred within a natural drainage feature east of S-G15, the Environmental Auditor provided recommendations to install enhanced runoff control and ESC measures to minimize potential future off right of way and environmental resource impacts. The Environmental Auditor coordinated with the engineer and as requested by the VADEQ, redlines were submitted on 8/2/2024. The EI conducted a follow up evaluations on 8/7/2024, 8/20/2024, 9/16/2024, and 9/26/2024. The Environmental Auditor did not observe any off right of way impacts or environmental resource impacts at S-G15. However, on 9/26/2024, the Environmental Auditor observed erosion occurring on the slope west of S-G15 and throughout the natural drainage feature east of the stream. The Environmental Auditor reviewed the areas of concern onsite with the LEI on 9/26/2024 and noted that the recommended redline revisions to the ESC Plans for both locations be implemented to address this conditions. The Environmental Auditor will continue to monitor these locations throughout Q4 2024. Refer to Section VII. for further discussion.

On 8/1/2024, the Environmental Auditor conducted evaluations east of Chalk Level Road where the El observed an off right of way impact and environmental resource impact at S-OO2 on 7/25/2024. The Environmental Auditor observed the ESC measures repaired/maintained, sediment removed, and the impacted areas stabilized. A recommendation was provided to enhance the SSB on the S-OO2 streambank and slopes above the stream as the current SSB did not appear to be an effective measure per Section 3.2 of the AS&S.

On 8/1/2024, the Environmental Auditor conducted an evaluation east of Riddle Road where the EI observed environmental resource impacts at S-B6 on 7/23/2024 and 7/29/2024. The Environmental Auditor observed the sediment removed and temporary ESC measures installed and functional. The Environmental Auditor evaluated the permanent waterbars and end treatments on the slope east of the stream and it appeared that runoff from these structures contributed to the impacts at S-B6. On 8/20/2024, the Environmental Auditor conducted a follow up evaluation and observed a permanent waterbar above S-B6 extended fully across the right of way and final restoration activities occurring on the

streambank. On 9/20/2024, the Environmental Auditor conducted a follow up evaluation and observed the ESC and SWM measures installed and functional. A recommendation was provided to monitor the S-B6 west streambank as there appeared to be minimal to no vegetative growth and the SSB was degrading.

On 8/1/2024, the Environmental Auditor conducted an evaluation west of Listening Hill Road where the El observed an off right of way impact and environmental resource impact at S-A7. The Environmental Auditor observed the ESC and SWM measures repaired/enhanced, sediment removed, and the areas stabilized. Based on the evaluation at S-A7, it appeared that runoff from the upslope permanent waterbar end treatments contributed to the impact. A recommendation was provided to enhance the SSB within the upland location where the off right of way impact occurred as the current SSB did not appear to be an effective measure per Section 3.2 of the AS&S. On 9/16/2024, the Environmental Auditor conducted a follow up evaluation and observed the ESC measures installed and functional.

On 8/20/2024, the Environmental Auditor conducted an evaluation east of Timber Ridge Road where the El observed an environmental resource impact at S-G18 on 8/12/2024. The Environmental Auditor observed the ESC measures repaired/enhanced, the streambank stabilized, and sediment removed from the stream.

On 8/20/2024, the Environmental Auditor conducted evaluations east of Highway 40 and west of Jacks Creek Road where the EIs observed two environmental resource impacts at S-H37 on 8/4/2024 and 8/10/2024 and an environmental resource impact at W-H17 on 8/11/2024. At S-H37 the Environmental Auditor observed the ESC and SWM measures repaired/enhanced, the streambank stabilized, and sediment removed from S-H37. On 9/26/2024, the Environmental Auditor conducted a follow up evaluation and observed most ESC and SWM measures installed and functional. It should be noted that during the evaluations, the Environmental Auditor observed continued damage to the ESC and SWM measures due to active livestock activity throughout this area. Recommendations were provided to conduct ESC measures repair/maintenance, monitor the streambanks, and enhance ESC measures as needed. It should also be noted that the Environmental Auditor communicated and observation related to channel incision occurring over the pipeline centerline. At W-H17, the Environmental Auditor observed the ESC and SWM measures repaired/replaced, sediment removed, and the area stabilized. A recommendation was provided to consider implementing enhanced ESC measures throughout this location due to previous off right of way run-on issues.

On 8/21/2024, 9/9/2024, and 9/24/2024 the Environmental Auditor conducted evaluations on the steep slope above S-II9 east of House Rock Road. Based on previous evaluations, heavy rainfall events caused an area of the slope to slough due to steep/complex topographic conditions with prolonged periods of saturation. The Environmental Auditor observed the contractor staff conducting ESC measures repairs/enhancements throughout the Q3 reporting period. Based on communication with the Spread I Environmental and the MVP Environmental staff, an engineering review is currently underway to implement enhanced slope protection measures. The Environmental Auditor will continue to evaluation this location throughout the Q4 2024 reporting period.

On 9/26/2024, the Environmental Auditor met with the LEI onsite east of Ramsey Memorial Road where the EI observed an off right of way impact on 9/19/2024 and an environmental resource impact at S-G13 on 9/25/2024. At the time of the evaluation, the contractor staff was mobilizing to conduct repairs and sediment removal at S-G13. The LEI and Environmental Auditor observed an off right of way impact within an upland area while evaluating the slope east of the stream. No environmental resource impacts were observed. The Environmental Auditor observed temporary ESC measures reinstalled throughout the slope; however, sever erosion was observed under the SSB and throughout areas of the slope. Based on the evaluation, it appeared that runoff from upslope permanent waterbar end treatments coupled with a topographic draw is causing the severe erosion resulting in the off right of way and environmental resource impacts. On 9/29/2024, the Environmental Auditor coordinated with the engineer and LEI to develop redlines that entail regrading the slope, extending the permanent waterbars across the right of way, and installing enhanced ESC measures. The Environmental Auditor will continue to evaluate this location throughout the Q4 2024 reporting period.

Based on communication, internal feedback, VADEQ extension request denials (8/1/2024, 8/6/2024, and 8/15/2024), and daily MVP Punchlist items exceeding timeframe requirements, the contractor was not adequately staffed to address the daily MVP Punchlist items from 7/22/2024 through 8/15/2024. Per extension request email responses from the VADEQ, approximately 29 items were not completed within the required timeframe. No 24 Hour timeframe requirements and no daily MVP Punchlist items for off right of way/environmental resource impacts were exceeded. The Environmental Auditor communicated with the MVP Environmental staff and Chief EI and was informed that additional contractor personnel were added to the project. The following should be noted: no extension requests were submitted for three items where the three day timeframe requirement expired and extension requests for Punchlist items were submitted but did not receive timely responses to the requests. This resulted in a brief period of non-compliance before a response from the agency was received approving extension requests. It should also be noted that Environmental inspection staff changes occurred throughout the Q3 reporting period. **Refer to Section VII. for further discussion**.

The Spread I Environmental inspection staff, contractor Environmental staff, Chief EI, and Environmental Auditor continue to monitor locations throughout the right of way and communicate/coordinate to repair/maintain and implement additional (enhanced) ESC/SWM measures as necessary. The Environmental Auditor continues to communicate with the LEI, Environmental Coordinator, Assistant LEI, Chief EI, and MVP Environmental staff on a regular basis. Discussions entail project feedback, technical support, and recommendations/guidance to maintain compliance with the Annual Standards and Specifications.

Table I-1D									
Environmental Auditor Field Observations: July 1, 2024 – September 30, 2024									
Month	Total Observations								
July 2024	19								
August 2024	25								
September 2024	33								

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.

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 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;
- The ESC measures were properly installed, inspected, and maintained; however, the following issues occurred:
 - On 7/5/2024, the Environmental Auditor communicated concerns regarding improperly installed ESC measures above S-MM44. On 7/19/2024, the Environmental Auditor evaluated an environmental resource impact to S-MM44 and observed the ESC measures not repaired/maintained which subsequently contributed to the impact;
 - On 7/11/2024 and 7/17/2024, the Environmental Auditor communicated concerns regarding the streambank above S-G15 showing signs of sloughing. On 7/30/2024, the El observed an environmental resource impact due to the bank sloughing into the stream;

- All ineffective temporary ESC measures observed by the Environmental Inspectors 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. However, the following issue occurred:
 - From 7/22/2024 through 8/15/2024 the contractor was not adequately staffed to address the daily MVP Punchlist items to meet the required timeframes. As a result, 29 daily MVP Punchlist items were not completed within the required timeframes.

Based on the aforementioned observations, the resources available and deployed in the field (contractor Environmental staff) were not sufficient to conduct routine maintenance and/or repair ineffective ESC measures in a timely manner between 7/22/2024 and 8/15/2024, particularly during periods of severe weather conditions. The Environmental Auditor recommended conducting QA/QC on SWPPP VSIRs and daily MVP Punchlists. The Environmental Auditor also recommended communicating and coordinating with the Environmental inspection staff and contractor to ensure all ESC and SWM measures are properly installed, functional, and enhanced where necessary to maintain compliance with the approved ESC Plans, SWM Plans, and AS&S.

As the VADEQ is aware, there are several instances noted in the Q4 2019 through Q2 2024 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.

MOUNTAIN VALLEY PIPELINE

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SPREAD

ENVIRONMENTAL AUDITOR PARTIAL BI-WEEKLY REPORT - 6/30/2024 through 7/7/2024 (BEGINNING OF Q3 2024 REPORTING PERIOD)

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

Report Period Ending: 7/7/2024

Report Prepared By: Joe Crea

								SUMMARY OF FINDIN	NGS		
	pections: 36 conducted from 7/1/2024										
	ental Inspector (EI) Erosion and Sedime			-		r Items from 6/30/2024): 117				
	ections at Laydown Yard 045/046: 5 (7		/2024 and 7/5/2024 th	1rough 7/6/2024)	: Holiday on 7/4/2024						
	oservations from 7/1/2024 through 7/2	7/2024: 2									
	r/Third Party Reported Complaints: 0		and livestable traffic)								
	ay Impacts Caused by Third Parties: 2 ay Impacts Caused by Weather Relate	-		lon dobric): 0							
otal Number of Off Right o ranted, sediment removed pproximately 2.1 inches of t these locations. No envir otal Number of Environme	f Way Impacts: 25 (1. and 2 . On 7/5/20 d, and the areas stabilized within the re- rainfall in three hours causing ESC and commental resource impacts occurred fu- ntal Resource Impacts: 3 (1-3. On 7/6/	024, the EIs observed equired timeframes. I d SWM measures to b from 18 of the off righ (2024, the EIs observe	two off right of way se No environmental reso ecome overwhelmed. It of way impacts; how ed three environmenta	ediment impacts v ources were impact The VADEQ was vever, three incide Il resource impact	cted. 3-25. On 7/6/2024 immediately notified, la ent areas subsequently i ts at S-CD8 east of Bar R	4, the Els observed 23 o andowner access grante impacted S-CD8, S-AB8, idge Road, S-AB8 east o	off right of way sedin ed at 18 locations, se and S-DD3). Refer of Bar Ridge Road, ar	nent impacts within upland areas we diment removed, and the areas stab to Environmental Inspector Observa nd S-DD3 west of Ramsey Memorial F	est of Listening Hill Roa bilized within the requ ations for further disc Road. On 7/4/2024, st	ad, east and west of Ba ired timeframes. Exte ussion. rong storm events wit	ximately 2.1 inches of rainfall in three hours causing ESC and SWM measur ar Ridge Road, west of Ramsey Memorial Road, and east of Snow Creek Ro ension requests have been approved by the VADEQ for 5 of the remaining l th high intensity/short duration rainfall produced approximately 2.1 inches
	· · · · ·						· · · · ·		ajeure Declaration). F	Refer to Environmenta	al Inspector Observations for further discussion.
	ires in Need of Routine Maintenance N			-							- (
ased on the Environmenta	al Auditor's observations, the resource	es available and depl	oyed in the field, inclu	iding environmer	ntal inspectors and the	construction contracto	r, were sufficient to	regularly and consistently repair in	effective BMP measu	res in a timely manne	r from //1/2024 through ////2024.
								CARRY OVER ITEMS FROM 6	5/30/2024		
				T	RIGHT OF WAY	1	1				
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	SUMI
2/21/2024		1	1					1 on 2/22, 2/29, and 4/2//2024 to be completed upon engineer review/redlines			One item was identified as an environmental resource impact at S-F11 (BI facilities to a natural low point just above the streambank resulting in the streambank. A long term extension request has been approved by the VA agency approvals.
2/22/2024		1	1					1 on 2/22, 2/29, and 4/2/2024 to be completed upon verification by the VADEQ Aquatic Biologist			One item was identified as an environmental resource impact at S-C-19 (N to natural low spots and through existing gullies on the S-C19 streambank extension request until an aquatic biologist from the agency confirms sed
	•	•				•	•	ENVIRONMENTAL INSPECTOR OF	BSERVATIONS		
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	SUMI
7/1/2024	0.0"-1.2"5 Hours *Isolated storms with high intensity/short duration rainfall occurred on 6/30/2024	8					8			8 on 7/1/2024	Twenty-eight items were identified requiring ESC and Pollution Prevention items was caused by third party impacts related to livestock traffic.
7/2/2024		28				1	28			22 on 7/2/2024 2 on 7/3/2024 4 on 7/5/2024	Twenty-eight items were identified requiring ESC and Pollution Preventio items was caused by third party impacts related to unauthorized traffic.
7/3/2024		10				1	9			10 on 7/3/2024	Ten items were identified requiring ESC and Pollution Prevention repair/n caused by third party impacts related to livestock traffic.
7/5/2024	0.2"-2.1" - 3 Hours *Scattered thunderstorms with locations receiving high intensity/short duration rainfall occurred late on 7/4/2024	21		2			21 (includes off right of way impacts)		1 on 7/5/2024	10 on 7/5/2024 10 on 7/6/2024	Twenty-one items were identified requiring ESC and Pollution Prevention items were off right of way sediment impacts up to 50 feet within upland high intensity/short duration rainfall caused ESC measures to become over measures repaired/maintained, sediment removed, and the areas stabilized the stabilized sediment removed and the sediment removed.
7/6/2024	0.0"-0.7" - 4 Hours *Scattered strong storm events with intervals of high intensity/short duration rainfall occurred on 7/5/2024	48	3	23			48 (includes off right of way and environmental resource impacts)	5 on 7/7/2024 off right of way impacts to be completed upon landowner permission	11 on 7/6/2024 7 on 7/7/2024	17 on 7/7/2024	Forty-eight items were identified requiring ESC and SWM repair/mainten- off right of way sediment impacts up to 150 feet within upland areas west Snow Creek Road. On 7/4/2024, strong storm events with high intensity/ was immediately notified, landowner access granted, ESC and SWM meas Erosion and Sediment Control and SWM measures were repaired/maintai extension request was approved until landowner permission is granted. N however, three incident areas subsequently impacted S-CD8, S-AB8, and 7/6/2024. The Environmental Auditor will initiate site evaluations the we Three of the identified items were environmental resource impacts at S-C Memorial Road. On 7/4/2024, strong storm events with high intensity/sh was immediately notified, ESC and SWM measures repaired/maintained, Agency Compliance Forms (Problem Area Reports #971, #972, and #973) Declaration. The Environmental Auditor will initiate site evaluations the verification. In addition to the 5 items that received extension request approvals, 8 if

asures to become overwhelmed. The VADEQ was immediately notified, landowner access < Road. On 7/4/2024, strong storm events with high intensity/short duration rainfall produced ng locations until landowner permission is granted. The ESC measures were repaired/maintainec

hes of rainfall in three hours causing ESC and SWM measures to become overwhelmed. The

JMMARY OF OBSERVATIONS

L (Blackwater River) requiring streambank repair due to water flowing from the dewatering the bank sloughing. Sediment caused by the streambank sloughing was removed below the e VADEQ on 2/29/2024 to conduct streambank repairs upon engineer review/redlines and

19 (Maggodee Creek) requiring streambank repair due to water flowing from dewatering facilities bank. Sediment caused by the streambank erosion was removed. The VADEQ required an sediment removal and streambank stabilization are adequate.

UMMARY OF OBSERVATIONS

ntion repair/maintenance and completed within the required timeframe. One of the identified

ntion repair/maintenance and completed within the required timeframe. One of the identified ic.

ir/maintenance and completed within the required timeframe. One of the identified items was

tion repair/maintenance and completed within the required timeframe. Two of the identified and areas west of Ramsey Memorial Road. On 7/4/2024, strong storm events with intervals of e overwhelmed. The VADEQ was immediately notified, landowner permission granted, ESC bilized within the required timeframe. No environmental resources were impacted.

ntenance and completed within the required timeframe. Twenty-three items were identified as west of Listening Hill Road, east of Bar Ridge Road, west of Ramsey Memorial Road, and west of sity/short duration rainfall caused ESC and SWM measures to become overwhelmed. The VADEQ measures repaired/maintained, sediment removed, and the areas stabilized at 18 locations. aintained at the remaining five locations and extension requests for 5 of the items and an ed. No environmental resource impacts occurred from 18 of the off right of way impact locations; and S-DD3. The LEI submitted an Agency Compliance Form (Problem Area Report #956) on the week of 7/8/2024.

t S-CD8 east of Bar Ridge Road, S-AB8 east of Bar Ridge Road, and S-DD3 west of Ramsey y/short duration rainfall caused ESC and SWM measures to become overwhelmed. The VADEQ led, sediment removed, and areas stabilized within the required timeframe. The LEI submitted 73) on 7/6/2024. The MVP Environmental staff is preparing a Courtesy Notice of Force Majeure the week of 7/8/2024.

, 8 items have three days to be completed within the required timeframe.

-												
								VADEQ OBSERVATIO	ONS			
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	SUMM	
7/3/2024		2					2		1 on 7/3/2024	1 on 7/3/2024	Two items were identified requiring Pollution Prevention repair/maintenan	
								LANDOWNER/THIRD PARTY REPOR	TED COMPLAINTS			
DATE OF OBSERVATION		I	NEAREST ROAD OR FEA	ATURE				TOTAL NUMBER OBSE	RVATIONS		SUMM	
	ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION			OBSER	VATIONS							CONCLUSION AND RECOMMENDATIONS	
//5/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-FR-323 (CIS/GAS), MVP-FR-322 (CIS/GAS), Indian Cave Road (CIS), and MVP- FR-306.04 (GAS).											
	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. The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BN and communication with the Lead Environmental Inspector, the Spread I Project appears to meet the MVP Annual Standards and Specif Management Act Linear Entity. The Environmental Auditor continues to recommend conducting QA/QC on SWPPP VSIRs to ensure documentation is thorough and com										t appears to meet the MVP Annual Standards and Specifications as required	
	The Environmental Auditor community	cated with all Spread	LEIs on 7/2/2024 regard	rding the Partial I	Bi-Weekly reporting per	iod ending on 7/7/202	4,					
	۱							REQUIRED FINDINGS AND CO				
		Yes/No						If No	o, provide explanatio	n and recommendatio	n for corrective action (if any).	
	s for the Project are in accordance rds and Specifications and MVP's Site s?	Yes	/es									
The temporary erosion and properly installed, inspecte	l sediment control measures are ed, and maintained?	Yes										
Measures are repaired and	y Erosion and Sediment Control nd ESC Measures in Need of Routine Yes ined within the required timeframes?											

MMARY OF OBSERVATIONS

enance (included a small spill) and completed within the required timeframe.

IMMARY OF OBSERVATIONS

e time of the evaluation. The Environmental Auditor communicated with the LEI, EC, Chief EI, and nonitoring and installing soil stabilization blanket (SSB) at areas of the right of way where upslope gated HDPE culvert installed within a stream where the gravel/soil fill appeared to be less than 6 reatment heights.

and installing enhanced ESC measures as needed. Based on the SWPPP, MVP Punchlist findings quired by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater

MOUNTAIN VALLEY PIPELINE SPREAD - 1 ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 7/8/2024 through 7/21/2024

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

Report Period Ending: 7/21/2024

Report Prepared By: Joe Crea

SUMMARY OF FINDINGS
Total Number of SWPPP Inspections: 78 conducted from 7/8/2024 through 7/21/2024 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards)
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 7/8/2024 through 7/21/2024 (includes Carry Over Items from 7/7/2024): 150
Total Number of ODCP Inspections at Laydown Yard 045/046: 6 (7/8/2024 through 7/14/2024); 3 (7/15/2024 through 7/17/2024); All refueling tanks were removed from MVP-LY-046 on 7/17/2024.
Total Number of VA DEQ Observations from 7/8/2024 through 7/21/2024: 6
Total Number of Landowner/Third Party Reported Complaints: 0
Total Number of Right of Way Impacts Caused by Third Parties: 13 (livestock traffic, unauthorized traffic, and agricultural equipment 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: 5 (1. On 7/19/2024, the El observed an off right of way sediment impact within an upland area west of Listening Hill Road. On 7/18/2024, strong storm events produced approximately inches of 1.3 rainfall in .5 hours causing ESC measures to become overwhelmed. The VADEQ was immediately notified, ESC

C measures repaired/maintained, landowner access granted, sediment removed, and the area stabilized within the required timeframe. No environmental resources were impacted. 3-5. On 7/21/2024, the El identified four off right of way sediment impacts within upland areas west of Jacks Creek Road. On 7/20/2024, strong storm events produced approximately 1.3 inches of rainfall in one hour causing ESC measures to become overwhelmed. The VADEQ was immediately notified. The ESC measures repair/maintenance, sediment emoval, and stabilization action items have 24 Hours to be completed within the required timeframe. No resources were impacted). Refer to Environmental Inspector Observations for further discussion.

Total Number of Environmental Resource Impacts: **2 (1.** On 7/19/2024, the El observed an environmental resource impact at S-MM44 east of Indian Creek Road. On 7/18/2024, strong storm events produced approximately 1.3 inches of rainfall in .5 hours causing ESC measures to become overwhelmed subsequently impacting 100 feet of S-MM44. The VADEQ was immediately notified. An extension request was submitted to the VADEQ on 7/20/2024 due to wet conditions throughout the right of way. On 7/19/2024, the Environmental Auditor relevance impact at this location and observed ESC measures improperly installed that included a location directly above S-MM44 where the Environmental Auditor previously communicated the issues on 7/5/2024. **Refer to Environmental Inspector Observations, Environmental Auditor Field Observations and** mmendations, and Required Findings and Conclusions for further discussion. 2. On 7/19/2024, the Environmental Auditor observed an environmental resource impact at S-SS8 east of Bar Ridge Road. On 7/18/2024, strong storm events produced approximately 1.3 inches of rainfall in .5 hours causing severe erosion under the soil stabilization blanket (SSB) on the west streambank. The VADEQ was immediately notified, ESC measures paired/enhanced, and sediment removed from the streambed within the required timeframe. The MVP Environmental staff is preparing a Courtesy Notice of Force Majeure Declaration). Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations for further discussion.

On 7/15/2024, the MVP Environmental staff submitted a Final Notice of Force Majeure Declaration to the VADEQ related to environmental resource impacts at S-DD3, S-CD8, and S-AB8. These streams were impacted from a storm event on 7/5/2024 which produced approximately 2.1 inches of rainfall in three hours. Refer to the Environmental Auditor Partial Bi-Weekly Report ending on 7/7/2024 for further discussion.

Total Number of ESC Mea	asures in Need of Routine Maintenance Not Main	ntained Within Timef	rames Required by MVP	's Annual Standa	rds and Specifications or	as Otherwise Provided	in the Consent Decre	ee: 0			
Based on the Environmen	ntal Auditor's observations, the resources availa	able and deployed in	the field, including env	vironmental inspe	ectors and the construct	ion contractor, were su	ufficient to regularly	and consistently repair ineffect	tive BMP measures in	a timely manner fro	m 7/8/2024 through 7/21/2024.
								CARRY OVER ITEMS FROM 7/2	7/2024		
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	SUMMA
2/21/2024		1	1					1 on 2/22, 2/29, and 4/2//2024 to be completed upon engineer review/redlines			One item was identified as an environmental resource impact at S-F11 (Blac facilities to a natural low point just above the streambank resulting in the ba streambank. A long term extension request has been approved by the VAD agency approvals.
2/22/2024		1	1					1 on 2/22, 2/29, and 4/2/2024 to be completed upon verification by the VADEQ Aquatic Biologist			One item was identified as an environmental resource impact at S-C-19 (Ma to natural low spots and through existing gullies on the S-C19 streambank. extension request until an aquatic biologist from the agency confirms sedim
7/6/2024	0.2"-2.1" - 3 Hours *Scattered thunderstorms with locations receiving high intensity/short duration rainfall occurred late on 7/4/2024 and 0.0"-0.7" - 4 Hours *Scattered storm events with intervals of high intensity/short duration rainfall occurred on 7/5/2024	13		5				5 on 7/7/2024 extended indefinitely until landowner permission is granted	5 on 7/8/2024 (extension requests)	7 on 7/8/2024	Thirteen items were identified requiring ESC and SWM repair/maintenance of way sediment impacts within upland areas. On 7/4/2024, strong storms of The VADEQ was immediately notified and ESC measures repaired/enhanced request approval. Refer to Environmental Auditor Field Observations and Reference of the structure of the struct
	• 	-	•	·	•	•	ENVI	RONMENTAL INSPECTOR OBS	ERVATIONS	•	• •
					RIGHT OF WAY	RIGHT OF WAY	MAINTENANCE/	TOTAL NUMBER EXTENSION	DATE COMPLETED		

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	SUMMA
7/8/2024		18				3	15			12 on 7/9/2024 6 on 7/10/2024	Eighteen items were identified requiring ESC and Pollution Prevention repair items were caused by third party impacts related to unauthorized traffic (2) -
7/9/2024		16					16			7 on 7/9/2024 9 on 7/10/2024	Sixteen items were identified requiring ESC and Pollution Prevention repair/
7/10/2024		21				6	15			12 on 7/10/2024 5 on 7/11/2024 4 on 7/12/2024	Twenty-one items were identified requiring ESC and Pollution Prevention rep items were caused by third party impacts related to livestock traffic.
7/11/2024		10					10			4 on 7/11/2024 6 on 7/12/2024	Ten items were identified requiring ESC and Pollution Prevention repair/mai
7/12/2024		4					4			4 on 7/12/2024	Four items were identified requiring Pollution Prevention repair/maintenance
7/15/2024		3				1	2			2 on 7/15/2024 1 on 7/16/2024	Three items were identified requiring ESC and Pollution Prevention repair/m was caused by third party impacts related to livestock traffic.
7/16/2024		3				2	1			3 on 7/16/2024	Three items were identified requiring ESC and Pollution Prevention repair/m were caused by third party impacts related to unauthorized traffic.
7/17/2024		5					5			3 on 7/17/2024 2 on 7/18/2024	Five items were identified requiring ESC and Pollution Prevention repair/mai
7/18/2024	0.1"-0.25" - 2 Hours *Scattered storms occurred on 7/17/2024	17				1	17	5 on 7/20/2023 to be completed on 7/23/2024 due to wet conditions		6 on 7/18/2024 5 on 7/19/2024 1 on 7/20/2024	Seventeen items were identified requiring ESC and Pollution Prevention repa identified items was caused by third party impacts related to unauthorized t The five remaining items received an extension request approval due to we

MARY OF OBSERVATIONS

Blackwater River) requiring streambank repair due to water flowing from the dewatering e bank sloughing. Sediment caused by the streambank sloughing was removed below the ADEQ on 2/29/2024 to conduct streambank repairs upon engineer review/redlines and

Maggodee Creek) requiring streambank repair due to water flowing from dewatering facilities nk. Sediment caused by the streambank erosion was removed. The VADEQ required an diment removal and streambank stabilization are adequate.

nce and completed within the required timeframe. Five of the identified items were off right ns caused ESC measures to become overwhelmed resulting in the off right of way impacts. ced, landowner access granted, sediment removed, and the areas stabilized via an extension d Recommendations (7/11/2024) for further discussion.

MARY OF OBSERVATIONS

pair/maintenance and completed within the required timeframe. Three of the identified (2) and agricultural equipment (1).

air/maintenance and completed within the required timeframe.

repair/maintenance and completed within the required timeframe. Seven of the identified

naintenance and completed within the required timeframe

ance and completed within the required timeframe.

r/maintenance and completed within the required timeframe. One of the identified items

r/maintenance and completed within the required timeframe. Two of the identified items

maintenance and completed within the required timeframe.

epair/maintenance and 12 were completed within the required timeframe. One of the d traffic.

wet conditions throughout the right of way.

7/19/2024	0.3"-1.3"5 Hours *Strong storms occurred on 7/18/2024	34	2	1			34 (Includes off right of way and environmental resources impacts)	1 on 7/20/202 to be completed on 7/23/2024 due to wet conditions (environmental resource impact)	5 on 7/20/2024	3 on 7/20/2024	Thirty-four items were identified requiring ESC and Pollution Prevention re identified environmental resource impacts at S-MM44 east of Indian Cave measures to become overwhelmed impacting approximately 100 feet of t streambank impacted the S-SS8 stream channel within the right of way. T ESC measures were repaired/enhanced and sediment removed from the S the VADEQ on 7/20/2024 due to wet conditions where the S-MM44 impar #981) on 7/19/2024. The MVP Environmental staff is preparing a Courtes observed ESC measures directly above S-MM44 not properly installed per Environmental Auditor Field Observations and Recommendations and Reco One item was identified as an off right of way sediment impact approxima on 7/18/2024 caused ESC measures to become overwhelmed. The VADEC sediment removed, and the area stabilized within the required timeframe In addition to the off right of way impact item receiving and extension re within the required timeframe .
7/21/2024	0.3"-1.3" - 1 Hour *Strong storm events occurred on 7/20/2024	4		4			4				Four items were identified requiring ESC repair/maintenance. These item: Creek Road. On 7/20/2024, strong storm events caused ESC measures to Agency Compliance Form (Problem Area Report #988) on 7/21/2024. No
I								VADEQ OBSERVATIONS			These items have 24 Hours to be completed within the required timeframe
		1			RIGHT OF WAY		T		[[
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	SUMI
7/10/2024		4					4			4 on 7/11/2024	Four items were identified requiring ESC repair/maintenance and complete
7/12/2024		1					1			1 on 7/12/2024	One item was identified requiring ESC repair/maintenance and completed
7/16/2024		1	l	<u> </u>			1	L .		1 on 7/16/2024	One item was identified requiring ESC repair/maintenance and completed
DATE OF OBSERVATION		NEA	REST ROAD OR FEATUR	5			LANDO	NNER/THIRD PARTY REPORTED			SUMN
DATE OF OBSERVATION		1124								5000	
							ENVIRONMENTAL A	UDITOR FIELD OBSERVATIONS	AND RECOMMENDA	TIONS	
DATE OF OBSERVATION			OBSERVAT	IONS							CONCLUSION AND RECOMMENDATIONS
7/17/2024	The Environmental Auditor conducted site evalu The Environmental Auditor conducted site evalu Memorial Road (GAS).							environmental resource impacts were identified by the EIs on 7/6/2024. The Environmental Auditor communicated with the LEI, Environmental Co and recommendations: conducting repairs and installing soil stabilization blanket (SSB) due to erosion along the perimeter compost filter socks (CFS areas of gullies underneath SSB and straw mulch, and monitoring a cross culvert installed across the right of way per previous land use conditions an The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at the time of the evalua identified by the EIs on 7/6/2024. The Environmental Auditor communicated with the LEI, EC, Chief EI, and MVP Environmental staff regarding the erosion along the perimeter compost filter socks (CFS) on slopes, conducting ESC measures repair/maintenance, a streambank appearing to slough, waterbar and end treatment causing runoff to route around this structure resulting in sediment accumulated at perimeter sediment controls direct right of way and environmental resource impacts where the issues were observed.			
7/19/2024	The Environmental Auditor conducted site evalu	uations at the follow	ing locations: MVP-FR-3	22 (CIS/GAS), Bar	Ridge Road (GAS), and M	MVP-FR-306.04/ATWS-3	1468.	The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at the time of the evalua Indian Cave Road) where an environmental resource impact was identified by the EI the same day. The Environmental Auditor communicated with controls and improperly installed SSB above S-MM44 resulting in rills/gullies subsequently contributing to the environmental resource impact. It sh 7/5/2024. At the time of the evaluation, sediment was not removed from the stream channel. Refer to Required Findings and Conclusions for furth Auditor observed a sediment impact to S-SSB due to runoff causing deep gullies under the SSB. The Environmental Auditor with the Chief EI an suitable for the given site conditions. The Environmental Auditor evaluated S-CD8 and S-ABB where environmental resource impacts were observer repaired/maintained and the sediment removed from the stream chasic scommunicated the following concerns: conducting repairs and ir rilling on slopes where hydraulic mulch is not an effective measure per Section 3.2 of the AS&S.			
	The Environmental Auditor reviewed and noted On 7/11/2024 and 7/16/2024, the El observed e										
7/8/2024 through 7/21/2024	Drive. On 7/19/2024, the Environmental Auditor evalu the Environmental Auditor communicated conco repaired at this location and throughout the righ runoff from permanent waterbar end treatment	erns related to impr ht of way above this	operly installed SSB dire location. Gullies were o	ctly above the stre bserved under th	eam. Based on the eval	uation, it appeared that	t the SSB was not	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitorin findings and communication with the Lead Environmental Inspector, the Spread I Project appears to meet the MVP Annual Standards and Specificatin Stormwater Management Act Linear Entity. The Environmental Auditor recommends the LEI communicate ESC measures installation concerns with the Spread I Environmental inspection staff a			
	The Environmental Auditor communicated with provided continued recommendations to install and conduct QA/QC on SWPPP VSIRs to ensure of the second statement of the second	appropriate ESC me	asures when straw mulo	, ,	o						
							R	EQUIRED FINDINGS AND CONC			
MVP's Annual Standards a	es for the Project are in accordance with and Specifications and MVP's Site Specific ESC	Yes/No Yes						If No	o, provide explanation	n and recommendati	on for corrective action (if any).
and SWM Plans? The temporary erosion an installed, inspected, and n	nd sediment control measures are properly maintained?	No									wironmental Auditor communicated concerns related to improperly install n permanent waterbar end treatments which contributed to the environme
	Erosion and Sediment Control Measures are es in Need of Routine Maintenance are	Yes									

on repair/maintenance and 8 were completed within the required timeframe. Two items were lave Road and S-SS8 east of Bar Ridge Road. On 7/18/2024, strong storm events caused ESC of the S-MM44 stream channel. Severe gully erosion under the SSB on the S-SS8 west y. The VADEQ was immediately notified regarding both environmental resource impacts. The he S-SS8 stream channel within the required timeframe. An extension request was submitted to npact occurred. The LEI submitted Agency Compliance Forms (Problem Area Reports #980 and tresy Notice of Force Majeure Declaration. It should be noted that the Environmental Auditor per the required ESC Plans and Annual Standards and Specifications (AS&S). Refer to Required Findings and Conclusions for further discussion.

imately 15 feet within an upland location west of Listening Hill Road. The strong storm events DEQ was immediately notified, ESC measures repaired/maintained, landowner access granted, me. No environmental resources were impacted.

request approval, twenty-five of the remaining items have three days to be completed

tems were off right of way sediment impacts up to 20 feet within upland areas west of Jacks s to become overwhelmed. The VADEQ was immediately notified and the LEI submitted an No environmental resources were impacted.

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MMARY OF OBSERVATIONS

leted within the required timeframe. ted within the required timeframe. ted within the required timeframe.

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luation. The Environmental Auditor evaluated locations where off right of way and Coordinator (EC), Chief EI, and MVP Environmental staff regarding the following observations CFS) on slopes, conducting ESC measures repair/maintenance, a streambank starting to slough, s and ensuring the culvert inlet and outlet protection is installed per the ESC Plan requirements.

luation. The Environmental Auditor evaluated locations where off right of way impacts were the following observations and recommendations: conducting repairs and installing SSB) due to ugh, areas of gullies underneath SSB and straw mulch, and sediment build up at a permanent ectly above a stream. The Environmental Auditor communicated there is a high potential for off

Iluation. The Environmental Auditor evaluated the right of way at and above S-MM44 (east of vith the LEI, EC, Chief EI, and MVP Environmental staff regarding undermining at sediment t should be noted that the Environmental Auditor previously communicated the issues on urther discussion. While conducting an evaluation east of Bar Ridge Road, the Environmental I and EI to discuss the observations and recommended enhancing the SSB to a higher grade rved by the EI on 7/6/2024 due to strong storm events and observed the ESC measures nd installing SSB due to erosion along the perimeter compost filter socks (CFS) on slopes, and

oring and installing enhanced ESC measures as needed. Based on the SWPPP, MVP Punchlist cations as required by the Virginia Erosion and Sediment Control Law (VESCL) and the

aff and contractor staff.

talled SSB directly above the stream. Based on the evaluation, it appeared that the SSB was not nmental resource impact.

MOUNTAIN VALLEY PIPELINE SPREAD ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 7/22/2024 through 8/4/2024

ENVIRONMENTAL AUDITOR CONTACT INFORMATION Joe Crea CPESC, CPSWQ Tetra Tech

661 Andersen Drive, Suite 200, Pittsburgh PA 15220

Report Period Ending: 8/4/2024

Report Prepared By: Joe Crea

SUMMARY OF FINDINGS
al Number of SWPPP Inspections; 72 conducted from 7/22/2024 through 8/4/2024 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards); Refer to Environmental Auditor Field Observations and Recommendations for further discussion.
al Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 7/22/2024 through 8/4/2024 (includes Carry Over Items from 7/21/2024): 171
al Number of ODCP Inspections at Laydown Yard 045/046: 0; All refueling tanks were removed from MVP-LY-046 on 7/17/2024.
al Number of VA DEQ Observations from 7/22/2024 through 8/4/2024: 21
al Number of Landowner/Third Party Reported Complaints: 0
al Number of Right of Way Impacts Caused by Third Parties: 13 (livestock traffic, wildlife traffic, and unauthorized traffic)
al 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: 6 (1. On 7/22/2024, the El observed an off right of way sediment impact within an upland area west of Indian Cave Road. On 7/21/2024, a strong storm event coupled with existing saturated conditions produced approximately 1.1 inches of rainfall in one hour causing ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/maintained, sediment removed, and the area stabilized within the required timeframe. No environmental resources were impacted. 2-3. On 7/23/2024, the El identified two off right of way sediment impacts within upland areas east of Listening Hill Road and west of Ramsey Memorial Road. On 7/22/2024, a strong storm event with intervals of high intensity/short duration rainfall produced approximately 1.3 inches of rainfall none hour. This event coupled with existing saturated conditions caused ESC and SWM measures to become overwhelmed. No environmental resources were impacted. 4. On 7/23/2024, a strong storm event coupled with previous rainfall and saturated conditions produced approximately 1.1 inches of rainfall in two hours causing ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/maintained, sediment removed, and the area stabilized within the required timeframe. No environmental resources were impacted. 5. On 7/29/2024, the EI observed an off right of way sediment impact within an upland area west of Riddle Road. On 7/23/2024, a strong storm event coupled with previous rainfall and saturated conditions produced approximately 1.1 inches of rainfall in two hours causing ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, sediment removed, and the area stabilized within the required timeframe. No environmental resources were impacted. 6. On 8/4/2024, the El identified an off right of way sediment impact within an upland area west of Jacks Creek Road. On 8/3/2024, a strong storm event produced approximately 1.4 inches of rainfall in one hour causing ESC measures to become overwhelmed. It should be noted that the El observed this impact during the late afternoon hours and this item will be discussed in the Environmental Auditor Bi-Weekly Report ending on 8/18/2024. It should be noted that the permanent aterbar end treatments contributed to approximately four of the off right of way impacts). Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations for further discussion

Total Number of Environmental Resource Impacts: 6 (1-2. On 7/23/2024, the EIs observed environmental resource impacts at S-B6 east of Riddle Road and S-A7 east of Listening Hill Road. On 7/22/2024, a strong storm event produced approximately 1.2 inches to 1.3 inches in one to two hours causing ESC and SWM measures to become overwhelmed. It should be noted that runoff from the permanent waterbar end treatments contributed to the impacts. The VADEQ was immediately notified, ESC and SWM measures repaired/maintained, sediment removed, and the impact at S-OO2 east of Chalk Level Road. On 7/3/2024, a strong storm event produced approximately 0.9" in two hours. This storm event coupled with existing saturated conditions caused streambank erosion. The VADEQ was immediately notified, ESC measures repaired/enhanced, sediment removed, and the impacted area stabilized within the required timeframe. 4, On 7/29/2024 the El identified and environmental resource impact at S-B6 east of Riddle Road. On 7/23/2024, a strong storm event produced approximately 1.1 inches of rainfall in two hours. This storm event coupled with existing saturated conditions and runoff from the upslope permanent waterbar end treatments caused the upland slope and streambank to become saturated and subsequently sloughing into the stream. The VADEQ was immediately notified, ESC measures temporarily repaired, sediment removed, and the impacted area stabilized within the required timeframe. An engineering review and redlines are underway to provide long term slope stabilization, 5. On 7/30. the El observed an environmental resource impact at S-G15 east of Ramsev Memorial Road. On 7/29/2024. storm events coupled with existing saturated conditions and existing resoin under the soil stabilization blanket caused the streambank to slough into the stream channel. The VADEQ was immediately notified. ESC measures temporarily repaired, sediment removed, and the impacted area stabilized within the required timeframe via an extension request approval. An engineering review is currently underway to develop long term streambank stabilization. 6. On 8/4/2024, the El observed an environmental resource impact due to livestock damage at S-H37 west of Jacks Creek Road. On 8/3/2024, a strong storm event produced approximately 1.4 inches of rainfall in one hour. This event coupled with damaged ESC measures from livestock activities resulted in the stream impact. This item has 24 Hours to be addressed and will be further discussed in the Environmental Auditor Bi-Weekly Report ending on 8/18/2024. The MVP Environmental Staff submitted a Courtesy Notice of Force Majeure Declaration on 7/28/2024 and 8/2/2024. espectively for S-B6. S-A7, and S-OO2. Refer to Environmental Inspector Observations. Environmental Auditor Field Observations and Recommendations, and Required Findings and Conclusions for further discussion.

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: 10 Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were <u>not</u> sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 7/22/2024 through 8/4/2024. Refer to Environmental Auditor Field Observations and Recommendations and required Findings and Conclusions for

further discussion.														
					CARRY OVER ITEMS FROM 7/20/2024									
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				
2/21/2024		1	1					1 on 2/22, 2/29, and 4/2//2024 to be completed upon engineer review/redlines			One item was identified as an environmental resource in dewatering facilities to a natural low point just above th removed below the streambank. A long term extension engineer review/redlines and agency approvals.			
2/22/2024		1	1					1 on 2/22, 2/29, and 4/2/2024 to be completed upon verification by the VADEQ Aquatic Biologist			One item was identified as an environmental resource ir dewatering facilities to natural low spots and through ex removed. The VADEQ required an extension request un are adequate.			
7/18/2024	0.1"-0.25" - 2 Hours *Scattered storms occurred on 7/17/2024	5					5	4 on 7/20, 7/23, 7/26, and 7/29 to be completed on 8/2/2024 due to wet conditions 1 item received multiple extension requests on 7/20/2024 through 8/2/2024 (engineer review/redlines and wet conditions)		4 on 7/31/2024	Five items were identified requiring ESC and SWM repain approvals. One of the identified items has until 8/5/20 should be noted that this item received an additional e			
7/19/2024	0.3"-1.3"5 Hours *Strong storms occurred on 7/18/2024	26	1 (S-MM44)				26 (includes environmental resource impact)	1 on 7/20/2024 to be completed on 7/23/2024 due to wet conditions (environmental resource impact) 12 on 7/20/2024 to be completed on 7/23/2024 due to wet conditions 8 on 8/20/2024 through 8/1/2024 due to due to wet conditions	1 on 7/23/2024 (environmental resource impact)	2 on 7/22/2024 8 on 7/23/2024 7 on 7/25/2024 1 on 7/31/2024 3 on 8/1/2024 *4 on 8/2/2024	Twenty-six items were identified requiring ESC and Pollu One of the identified items was an environmental resou measures to become overwhelmed impacting approxim. ESC measures repaired/enhanced, sediment removed, a be noted that the Environmental Auditor observed ESC r Standards and Specifications (AS&S). Refer to the 7/21/ staff submitted a Courtesy Notice of Force Majeure Decl *It should be noted that four of the items completed on day as extension requests were denied by the VADEQ of Recommendations and Required Findings and Conclusion			
7/21/2024	0.3"-1.3" - 1 Hour *Strong storm events occurred on 7/20/2024	4		4					4 on 7/22/2024		Four items were identified requiring ESC repair/mainten impacts up to 20 feet within upland areas west of Jacks (The VADEQ was immediately notified, ESC measures rep the required timeframe. The LEI submitted an Agency C			

SUMMARY OF OBSERVATIONS

ce impact at S-F11 (Blackwater River) requiring streambank repair due to water flowing from the the streambank resulting in the bank sloughing. Sediment caused by the streambank sloughing was sion request has been approved by the VADEQ on 2/29/2024 to conduct streambank repairs upon

ce impact at S-C-19 (Maggodee Creek) requiring streambank repair due to water flowing from h existing gullies on the S-C19 streambank. Sediment caused by the streambank erosion was t until an aquatic biologist from the agency confirms sediment removal and streambank stabilizati

pair/maintenance and four were completed within the required timeframe via extension request /2024 to be completed via an extension request approval due to an engineering and redlines. It al extension request on 8/2/2024 due to another rainfall event resulting in wet conditions.

Pollution Prevention repair/maintenance and completed within the required timeframe.

source impact at S-MM44 east of Indian Cave Road. On 7/18/2024, strong storm events caused ESC ximately 100 feet of the stream. The VADEQ was immediately notified, landowner access granted, ed, and areas stabilized within the required timeframe via an extension request approval. It should ESC measures directly above S-MM44 not properly installed per the required ESC Plans and Annual 21/2024 Environmental Auditor Bi-Weekly Report for further discussion. The MVP Environmental Declaration and Final Notice of Force Majeure Declaration on 7/23/2024 and 7/28/2024, respectively

d on 8/2/2024 were due on 8/1/2024 and exceeded the three day timeframe requirement by one EQ due to dry conditions. Refer to Environmental Auditor Field Observations and lusions for further discussion

ntenance and completed within the required timeframe. These items were off right of way sedime cks Creek Road. On 7/20/2024, strong storm events caused ESC measures to become overwhelmed repaired/maintained, landowner access granted, sediment removed, and the areas stabilized within cy Compliance Form (Problem Area Report #988) on 7/21/2024.

								ENVIRONMENTAL INSPECTOR OBSERVATION	IS		
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	
7/22/2024	0.2"-1.4" - 1 Hour *A strong storm event occurred on 7/21/2024	20		1		2	20 (includes off right of way impact)	15 on 7/24/2024 with several items extending through 7/30/2024 due to wet conditions	1 on 7/23/2024 (off right of way impact)	4 on 7/23/2024 4 on 7/25/2024 3 on 7/30/2024 1 on 8/1/2024 *7 on 8/2/2024	Twenty items were identified requiring ESC and SWM re were caused by third party impacts related to unauthori approximately 15 feet within an upland area west of Ind caused ESC measures to become overwhelmed. The VA sediment removed, and the area stabilized within the re Compliance Form (Problem Area Report #1003) on 7/22, *It should be noted that 6 of the items completed on 8, as the extension requests were denied by the VADEQ d Recommendations and Required Findings and Conclusi
7/23/2024	0.0"-0.75" - 2 Hours *Scattered storm events occurred on 7/22/2024	26	2	2		1	26 (includes off right of way and environmental resource impacts)	22 on 7/24/2024 with several items extending through 8/2/2024 due to wet conditions	2 on 7/25/2024 1 on 7/24/2024	3 on 7/24/2024 1 on 7/28/2024 3 on 7/29/2024 1 on 8/1/2024 5 on 8/2/2024 6 on 8/3/2024	Twenty-six items were identified requiring ESC and SWN identified items was caused by third party impacts relate 60 feet within upland areas east of Listening Hill Road w duration rainfall coupled with existing saturated conditi from the permanent waterbar end treatments contribut landowner access granted, ESC and SWM measures repp One of the completed items received an extension requir Compliance Form (Problem Area Report #1004) on 7/23, Two items were identified as environmental resource in events with intervals of high intensity/short duration rai overwhelmed. It should be noted that runoff from the p At S-BG, runoff from above permanent waterbar end tre channel. The VADEQ was immediately notified, ESC mea within the required timeframe. At S-A7, runoff from the become overwhelmed. The VADEQ was immediately no the required timeframe via an extension request approv 7/23/2024. The MVP Environmental staff submitted a C 7/28/2024 and 8/2/2024, respectively.
7/24/2024	0.5"-1.1" - 2 Hours *Scattered storm events occurred on 7/23/2024	13					13	2 on 7/27 and 7/30/2024 to be completed on 8/2/2024 10 on 7/27, 7/30, and 8/2/2024 to be completed on 8/5/2024		1 on 7/27/2024 2 on 7/31/2024 4 on 8/3/2024	Thirteen items were identified requiring ESC repair/main extension request approvals.
7/25/2024		18	1	1			18 (includes off right of way and environmental resource impacts)	5 on 7/27 and 7/30/2024 to be completed on 8/2/2024 6 on 7/27, 7/30, and 8/2/2024 to be completed on 8/6/2024 due to wet conditions	1 on 7/26/2024 (environmental resource impact)	6 on 7/26/2024 5 on 8/1/2024	Eighteen items were identified requiring ESC and SWM r identified as an off right of way sediment impact approx event coupled with existing saturated conditions caused access granted, ESC measures repaired/maintained, sed resources were impacted. One item was identified as an environmental resource ir existing saturated conditions caused erosion on the stre measures replaced on the streambank, sediment remov Compliance Form (Problem Area Report #1012) on 7/26, and Final Notice of Force Majeure Declaration on 7/28/2 The remaining 6 items received extension request appr
7/26/2024		5						5 on 7/27, 7/30, and 8/2/2024 to be completed on 8/6/2024 due to wet conditions			Five items were identified requiring ESC repair/mainter
7/29/2024		9	1	1		2	7 (includes off right of way and environmental resource impacts)	6 on 8/1 and 8/2/2024 to be completed on 8/6/2024 due to wet conditions	2 on 7/30/2024 (environmental resource impact)	1 on 7/30/2024 (off right of way impact)	Nine items were identified requiring ESC repair/mainten were caused by third party impacts related to unauthori within an upland area west of Riddle Road. On 7/23/202 become overwhelmed. The VADEQ was immediately no the area stabilized within the required timeframe. No en One item was identified as an environmental resource in saturated conditions caused the upland slope and strear noted that runoff from the permanent waterbar end tree measures temporarily repaired, sediment removed, and request approval due to necessary engineering review a Form (Problem Area Report #1013) on 7/29/2024. The N The remaining 6 items received extension request appro-

SUMMARY OF OBSERVATIONS

M repair/maintenance and completed within the required timeframe. Two of the identified items horized traffic and wildlife traffic. One item was identified as an off right of way sediment impact I Indian Cave Road. On 7/21/2024, a strong storm event coupled with existing saturated conditions e VADEQ was immediately notified, landowner access granted, ESC measures repaired/maintained, he required timeframe. No environmental resources were impacted. The LEI submitted an Agency 7/22/2024.

on 8/2/2024 were due on 8/1/2024 and exceeded the three day timeframe requirement by one day EQ due to dry conditions. Refer to Environmental Auditor Field Observations and clusions for further discussion.

SWM repair/maintenance and 22 were completed within the required timeframe. One of the elated to unauthorized traffic. Two items were identified as off right of way sediment impacts up to ad west of Ramsey Memorial Road. On 7/22/2024, storm events with intervals of high intensity/short ditions caused ESC and SWM measures to become overwhelmed. It should be noted that runoff ributed to the erosion and subsequent off right of way impacts. The VADEQ was immediately notified repaired/maintained, sediment removed, and the areas stabilized within the required timeframe. equest approval. No environmental resources were impacted. The LEI submitted an Agency //23/2024.

ce impacts at S-B6 east of Riddle Road and S-A7 east of Listening Hill Road. On 7/22/2024, storm n rainfall coupled with existing saturated conditions caused ESC and SWM measures to become the permanent waterbar end treatments contributed to the erosion and subsequent stream impacts. I treatments caused erosion on the streambank subsequently depositing sediment into the stream measures temporarily repaired/maintained, sediment removed, and the area temporarily stabilized n the upslope permanent waterbar end treatments caused erosion resulting in the ESC measures to y notified, ESC measures repaired/enhanced, and sediment removed from the stream channel within proval. The LEI submitted Agency Compliance Form (Problem Area Reports #1005 and #1010) on a Courtesy Notice of Force Majeure Declaration and Final Notice of Force Majeure Declaration on

t approvals due to wet conditions.

naintenance and 7 were completed within the required timeframe. The remaining 6 items received

VM repair/maintenance and 12 were completed within the required timeframe. One item was proximately 60 feet within an upland area east of Chalk Level Road. On 7/23/2024, a strong storm used ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner sediment removed, and the area stabilized within the required timeframe. No environmental

ce impact at S-OO2 east of Chalk Level Road. On 7/23/2024, a strong storm event coupled with streambank subsequently impacting the stream. The VADEQ was immediately notified, ESC moved, and the impacted area stabilized within the required timeframe. The LEI submitted an Agency 7/26/2024. The MVP Environmental staff submitted a Courtesy Notice of Force Majeure Declaration 28/2024 and 8/2/2024, respectively.

pprovals.

tenance and received extension request approvals.

ntenance and three were completed within the required timeframe. Two of the identified items horized traffic. One item was identified as an off right of way impact sediment approximately 5 feet /2024, a strong storm event coupled with existing saturated conditions caused ESC measures to y notified, landowner access granted, ESC measures repaired/maintained, sediment removed, and to environmental resources were impacted.

ce impact at S-B6 east of Riddle Road. On 7/23/2024, a strong storm event coupled with existing reambank to become saturated and subsequently sloughing into the stream channel. It should be d treatments east of the stream contributed to the impact. The VADEQ was immediately notified, ESC and the impacted area stabilized within the required timeframe. This area received an extension ew and redlines to provide long term slope stabilization. The LEI submitted an Agency Compliance the MVP Environmental staff submitted a Final Notice of Force Majeure Declaration on 8/2/2024.

pprovals.

7/30/2024	0.0"-1.0" - 12 Hours *Isolated storm events occurred on 7/29/2024	11	1				11 (includes environmental resource impact)	1 on 7/31 and 8/2/2024 to be completed on 8/5/2024 9 on 8/2/2024 to be completed on 8/6/2024 due to wet conditions	1 on 7/31/2024 (environmental resource impact)	1 on 8/3/2024 (extension request)	Eleven items were identified requiring ESC repair/main environmental resource impact at 5-G15 east of Ramse existing erosion under the soil stabilization blanket cau evaluations, the Environmental Auditor communicated VADEQ was immediately notified, ESC measures tempo timeframe via an extension request approval. An engin submitted an Agency Compliance Form (Problem Area Recommendations and Required Findings and Conclus The remaining 9 items received extension request approxements
7/31/2024		1				1			1 on 8/1/2024		One item was identified requiring ESC repair/maintena related to livestock traffic.
8/1/2024		10				5	5	1 on 8/2/2024 to be completed on 8/6/2024 6 on 8/3/2024 to be completed on 8/7/2024 due to wet conditions	1 on 8/2/2024	1 on 8/1/2024 1 on 8/2/2024	Ten items were identified requiring ESC repair/mainten caused by third party impacts related to unauthorized t
8/2/2024		2					2				Two items were identified requiring ESC repair/mainte
8/4/2024	0.25"-2.0" - 1 Hour *Scattered storm events with areas of high intensity/short duration rainfall occurred on late 8/3/2024	19	1	1		1	18 (includes off right of way and environmental resource impacts)				Nineteen items were identified requiring ESC and SWM approximately 10 feet within an upland area west of Jac overwhelmed. The VADEQ was immediately notified ar One item was identified as an environmental resource i activity. On 8/3/2024, a strong storm event coupled wi subsequently impacting the stream. The VADEQ was in Two items have 24 hours to be completed within the r timeframe. It should be noted that the off right of wa
				• •				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	
7/23/2024	0.0"-0.75" - 2 Hours *Scattered storms occurred on 7/22/2024	1					1	1 on 7/24, 7/27, and 7/30/2024 to be completed on 8/2/2024		1 on 8/2/2024	One item was identified requiring ESC repair/maintena
7/24/2024	0.5"-1.1" - 2 Hours *Scattered storm events occurred on 7/23/2024	11				1	10	8 on 7/27 and 7/30/2024 to be completed on 8/2/2024 One of the items received an additional extension request on 8/2/2024 to be completed on 8/6/2024 due to wet conditions	3 on 7/25/2024	7 on 8/1/2024	Eleven items were identified requiring ESC and SWIV re items was caused by third party impacts related to una damage and wet conditions.
7/25/2024		3					3	2 on 7/27 and 7/30/2024 to be completed on 8/2/2024	1 on 7/25/2024	1 on 8/1/2024 1 on 8/2/2024	Three items were identified requiring ESC repair/maintenain
7/27/2024		1					1	1 on 7/30 and 8/2/2024 to be completed on 8/10/2024 due to saturated conditions on steep slope prohibiting heavy equipment from completing permanent repairs			One item was identified requiring ESC repair/maintenan installed in the interim and final repairs will be conduct request approvals.
7/31/2024		1					1			1 on 8/2/2024	One item was identified requiring ESC repair/maintena
8/1/2024		2					2			2 on 8/2/2024	Two items were identified requiring ESC repair/mainter
8/2/2024		1					1				One item was identified requiring ESC repair/mainten
8/3/2024	0.0"-0.7" - 2 Hours *Isolated rainfall occurred on 8/2/2024	1					1				One item was identified requiring ESC repair/mainten
								LANDOWNER/THIRD PARTY REPORTED COMPL	AINTS		
DATE OF OBSERVATION			NEAREST ROAD O	R FEATURE				TOTAL NUMBER OBSERVATIONS	5		
							l				
DATE OF OCCUPANTS							ENVIR	ONMENTAL AUDITOR FIELD OBSERVATIONS AND REC	OMMENDATIONS		
DATE OF OBSERVATION			(OBSERVATIONS				The Environmental Auditor chesnical leasting and	the ESC and SIMMA	Pollution Provention	CONCLUSION AND RECOMMENDATIONS
7/23/2024	The Environmental Auditor conducted site evaluations at the following locations: MVP-LY-045/046, MVP-FR-320 (CIS/GAS), Jacks Creek Road (FR-321.01 (CIS/GAS), and Longwood Road (GAS).							The Environmental Auditor observed locations where the ESC and SWM and Pollution Prevention measures appeared to be installed and functiona Road where off right of way impacts within upland locations were identified by the EI on 7/21/2024. The Environmental Auditor observed the ESC locations along with S-H37 have been subjected to continuous livestock traffic. The Environmental Auditor communicated with the LEI, Environme observed on the right of way which could result in potential off right of way/environmental resource impacts. It should be noted that it appeared in downslope.			
	•							•			

aintenance and two were completed within the required timeframe. One item was identified as an msey Memorial Road. On 7/29/2024, storm events coupled with existing saturated conditions and caused the streambank to slough into the stream channel. It should be noted that on previous ted concerns regarding this location related to the erosion and the streambank instability. The mporarily repaired, sediment removed, and the impacted area stabilized within the required ngineering review is currently underway to develop long term streambank stabilization. The LEI rea Report #1015) on 7/30/2024. Refer to Environmental Auditor Observations and clusions for further discussion.

approvals.

enance and completed within the required timeframe. This item was caused by third party impacts

ttenance and three were completed within the required timeframe. Five of the identified items were ed traffic (3) and wildlife traffic (2). The remaining 7 items received extension request approvals.

intenance and have three days to be completed within the required timeframe.

NM repair/maintenance. One item was identified as an off right of way sediment impact f Jacks Creek Road. On 8/3/2024, a strong storm event caused ESC measures to become d and this item has 24 Hours to be completed within the required timeframe.

rce impact at S-H37 west of Jacks Creek Road caused by third party impacts related to livestock d with damaged to ESC measures due to livestock activity resulted in streambank erosion is immediately notified and this item has 24 Hours to be completed within the required timeframe.

he required timeframe and 17 items have three days to be completed within the required way and stream impacts were identified by the EI during the late afternoon hours.

SUMMARY OF OBSERVATIONS

enance and completed within the required timeframe.

I repair/maintenance and 10 were completed within the required timeframe. One of the identified unauthorized traffic. This remaining item received an extension request due to the magnitude of the

intenance and completed within the required timeframe.

enance due to saturated soil sliding over dry soil on a steep slope. Temporary ESC measures were lucted once drier conditions allow for heavy equipment activities. This item received extension

enance and completed within the required timeframe.

ntenance and completed within the required timeframe.

tenance and has three days to be completed within the required timeframe.

tenance and has three days to be completed within the required timeframe.

SUMMARY OF OBSERVATIONS

the time of the evaluation. The Environmental Auditor evaluated the right of way west of Jacks Creek asures repaired, sediment removed, and the impacted areas stabilized. It should be noted that these I Coordinator (EC), Chief EI, and MVP Environmental staff regarding locations where erosion was off is concentrating at the permanent waterbar end treatments resulting in increased runoff rates

maintained?			evaluations. On 7/30/2024, the El observed an environmental resource impact at 3-015 due to the streamban	is soughing into the stream channel following precipitation events.
The temporary erosion an measures are properly ins		No	On 7/11/2024 and 7/17/2024, the Environmental Auditor evaluated S-G15 east of Ramsey Memorial Road and evaluations. On 7/30/2024, the El observed an environmental resource impact at S-G15 due to the streamban	l observed the west streambank showing signs of sloughing and erosion under the SSB directly above the streambank. The Environmental Auditor communic ht sloughing into the stream channel following precipitation events.
Plans?	nnual Standards and Site Specific ESC and SWM	Yes		
Post monorow out any stic	na far the Drainst are '-	Yes/No		If No, provide explanation and recommendation for corrective action (if any).
				REQUIRED FINDINGS AND CONCLUSIONS
7/22/2024 through 8/4/2024	thorough SWPPP VSIR docu Environmental staff. The En- requirements. On 7/11/2024 and 7/17/20. sloughing and erosion unde following the evaluations. (channel following precipital Based on communication, in adequately staffed to addre were not completed within of way/environmental reso personnel have been addec The Environmental Auditor Environmental Auditor proo the Annual Standards and S	mentation. The Environmental Audito 24, the Environmental Audito 24, the Environmen r the SSB directly al 24, the Environment r the SSB directly al 20, 7/30/2024, the E 20, 7/30	vironmental Auditor communicated findings on a daily basis with the Chief EI, Lead EI, EC, and MVP or also communicated entering proper timeframe prioritization on the daily MVP Punchlist per the AS&S tal Auditor evaluated S-G15 east of Ramsey Memorial Road and observed the west streambank showing signs of pove the streambank. The Environmental Auditor communicated these concerns during and immediately I observed an environmental resource impact at S-G15 due to the streambank sloughing into the stream and VADEQ extension request denials on 8/1/2024 (email from VADEQ at 3:09 pm), the contractor was not inchlist items to meet the required timeframes. It should be noted that based on the VADEQ denials, 10 items are. It should be noted that no 24 Hour timeframe requirements and no daily MVP Punchlist items for off right exceeded. Based on communication with the MVP Environmental staff and Chief EI, additional contractor in all Spread LEIs on 7/31/2024 regarding the Bi-Weekly reporting period ending on 8/4/2024. The commendations to install appropriate ESC measures when straw mulch is rendered ineffective per Section 3.2 of issure soil stabilization blanket is properly installed per the ESC Plan requirements related to contact. The Environmental Auditor also made a recommendation to upgrade the soil stabilization blanket to	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring and in communication with the Lead Environmental Inspector, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required by t The Environmental Auditor recommended ensuring sufficient contractor staff is available to conducted ESC and SWM repairs/maintenance in the required for conducting QA/QC on all documentation to ensure thoroughness and consistency is achieved in a timely manner.
			I issues with the daily MVP Punchlists and SWPPP VSIRs during this reporting period for the Spread I Project. ental Auditor found multiple inconsistencies with the daily MVP Punchlists and issues related to complete and	
8/1/2024	The Environmental Auditor Station, H-602, Riddle Road		uations at the following locations: Ramsey Memorial Road (GAS), Transco Road (CIS), Transco Interconnect le Road (CIS).	soil stabilization matting (SSM) coupled with sediment control measures to direct flow off the right of way. The Environmental Auditor also reviewed a natu control measures installed. The Environmental Auditor recommended grading the erosion, removing sediment build up at the terminus of the drainage fea recommendations were discussed with the project engineer and redlines were developed and submitted on 8/2/2024. The Environmental Auditor communi recommendations. The Environmental Auditor evaluated locations where an right of way impact and environmental resource impact at S-OO2 were identified by the EIs on 7/2 sediment removed, and the impact area stabilized within the upland off right of way impact area. The Environmental Auditor observed the sediment remove evaluation, it appeared there may be additional sediment deposition immediately downstream and the Environmental Auditor requested the EI investigate with minor erosion occurring. The Environmental Auditor communicated with the LEI, EC, Chief EI, and MVP Environmental staff regarding this issue and hi per Section 3.2 of the Annual Standards and Specifications (AS&S) due to concentrated flow conditions (shear stress, velocity, and functional longevity).
				The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at the time of the evaluation. Th to S-G15 identified by the EI on 7/30/2024 and ongoing upland erosion issues which appear to be emanating from the permanent waterbar end treatments temporary ESC measure repairs directly above the S-G15 streambank. The Environmental Auditor provided recommendations to address the upslope erosi

. The Environmental Auditor met with the EI at Ramsey Memorial Road (GAS) to review the impacts ents and a natural swale along the edge of the right of way. The Environmental Auditor observed trosion issues that entailed stabilizing the swale and below permanent waterbar end treatments with natural drainage feature east of S-G15 were continued erosion is occurring due to improper erosion feature, and stabilizing the flow path with soil stabilization matting (SSM). The proposed municated with the LEI, EC, Chief EI, and MVP Environmental staff regarding the observations and

on 7/25/2024. The Environmental Auditor observed the ESC measures enhanced, off right of way removed from the S-OO2 streambed and repairs conducted on the streambank and slope. During the igate this area. The Environmental Auditor also noted torn SSB on the opposite streambank/slope and highly recommended installing a higher grade SSB as the current SSB is not an effective measure o

nd installing enhanced ESC measures as needed. Based on the SWPPP, MVP Punchlist findings and by the Virginia Erosion and Stormwater Management Act .

red timeframes as applicable to weather conditions. The Environmental Auditor also recommended

unicated these concerns during an onsite meeting with the EI and immediately following the

reporting period. It should be noted that based on the VADEQ denials, 10 items were not completed additional contractor personnel have been added to the project.

MOUNTAIN VALLEY PIPELINE

SPREAD I

ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 8/5/2024 through 8/18/2024

Report Period Ending: 8/18/2024

Report Prepared By: Joe Crea

	SUMMARY OF FINDINGS
Total Number of SWPPP Inspections: 60 conducted from 8/5/2024 through 8/18/2024 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards); I Recommendations for further discussion related to SWPPP VSIR reviews.	It should be noted that SWPPP inspections were not conducted on 8/8/2024 and 8/9/2024 due to safety concerns related to Tropical Storm Debby. The VADEQ was notified in advance re-
- Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 8/5/2024 through 8/18/2024 (includes Carry Over Items	from 8/4/2024): 146 (Refer to Environmental Auditor Field Observations and Recommendations for further discussion related to daily MVP Punchlist observations).
Total Number of ODCP Inspections at Laydown Yard 045/046: 0; All refueling tanks were removed from MVP-LY-046 on 7/17/2024.	
Total Number of VA DEQ Observations from 8/5/2024 through 8/18/2024 (includes Carry Over Items from 8/4/2024): 14	
Total Number of Landowner/Third Party Reported Complaints: 0	
Total Number of Right of Way Impacts Caused by Third Parties: 13 (livestock traffic, unauthorized 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: **5 (1-3.** On 8/10/2024, the Els observed environmental resource impacts at S-B6 east of Riddle Road, W-H17 east of Highway 40, and S-H37 west of MVP-FR-320. From 8/7/2024 through 8/8/2024, a storm event with intervals of high intensity/short duration rainfall from Tropical Storm Debby produced approximately 4.4 inches in 24 hours. This event caused streambank erosion/sloughing resulting in impacts to the streams and ESC and SWM measures to become overwhelmed resulting in a wetland impact. At S-B6, continued runoff from the upslope permanent waterbar end treatments contributed to the impact. At S-H37, ongoing livestock activities damaged the ESC and SWM measures resulting in the impact. The VADEQ was immediately notified, ESC and SWM measures resulting in the impact. At S-H37, ongoing livestock activities damaged the ESC and SWM measures resulting in the impact. At S-H37, astorm event with intervals of high intervals of high intensity/short duration rainfall from Tropical Storm Debby produced approximately 4.4 inches in 24 hours. The VADEQ was immediately notified, ESC and SWM measures resulting in the impact. At S-H37, ongoing livestock activities damaged the ESC and SWM measures resulting in the impact. At S-H37, astorm event with intervals of high intensity/short duration rainfall from Tropical Storm Debby produced approximately 4.4 inches in 24 hours. and the areas stabilized within the required timeframe. **4.** On 8/12/2024 through 8/8/2024, a storm event with intervals of high intensity/short duration rainfall from Tropical Storm Debby produced approximately 4.4 inches in 24 hours causing a sediment removed, and the areas stabilized within the required timeframe. **4.** On 8/12/2024 through 8/8/2024, a storm event with intervals of high intensity/short duration rainfall from Tropical Storm Debby produced approximately 4.4 inches in 24 hours causing area of the slope causing in a sediment removed, and the areas stabilized within the required timeframe. **5.** On 8/

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: 19

Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were not sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 8/5/2024 through 8/18/2024. Refer to Environmental Auditor Field Observations and Recommendations and required Findings and Conclusions for further discussion.

						CARRY OVER ITEMS FROM 8/4/2024								
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	SI			
2/21/2024		1	1					1 on 2/22, 2/29, and 4/2/2024 to be completed upon engineer review/redlines			One item was identified as an environmental resource impact at S-F11 to a natural low point just above the streambank resulting in the bank long term extension request has been approved by the VADEQ on 2/25			
2/22/2024		1	1					1 on 2/22, 2/29, and 4/2/2024 to be completed upon verification by the VADEQ Aquatic Biologist			One item was identified as an environmental resource impact at S-C-19 natural low spots and through existing gullies on the S-C19 streambank request until an aquatic biologist from the agency confirms sediment re			
7/18/2024	0.1"-0.25" - 2 Hours *Scattered storms occurred on 7/17/2024	1					1	1 on 7/20/2024 through 8/8/2024 to be completed on 8/12/2024 (engineer review/redlines and wet conditions)		1 on 8/12/2024	One item was identified requiring ESC and SWM repair/maintenance re redlines require the use of heavy equipment. It should be noted that t			
7/23/2024	0.0"-0.75" - 2 Hours *Scattered rainfall occurred on 7/22/2024	4				1	3	3 on 7/24/2024 through 8/2/2024 to be completed on 8/6/2024 1 on 7/24/2024 through 8/8/2024 to be completed on 8/12/2023		3 on 8/6/2024 1 on 8/12/2024	Four items were identified requiring ESC and SWM repair/maintenance identified items was caused by third party impacts related to unauthor			
7/24/2024	0.5"-1.1" - 2 Hours *Scattered storm events occurred on 7/23/2024	7 (1 VADEQ item)				1	6	3 on 7/27/2024 through 8/2/2024 to be completed on 8/6/2024 1 on 7/27/2024 through 8/7/2024 (1 extension request denied by the VADEQ due to dry conditions) 2 on 7/27/2024 through 8/15/2024 to be completed on 8/16/2024 (2 extension request denied by the VADEQ due to dry conditions) 1 on 7/27/2024 through 8/15/2024 to be completed on 8/18/2024 (1 extension request denied by the VADEQ due to dry conditions)		1 on 8/5/2024 2 on 8/6/2024 *1 on 8/9/2024 *1 on 8/16/2024	Seven items were identified requiring ESC and SWM repair/maintenand *It should be noted two items were due on 8/6/2024 and exceeded th due to dry conditions. Due to a rain event on 8/7/2024, these item re respectively. One remaining item was granted an extension request to be complete subsequently granted an extension request on 8/17/2024 due to a rai One remaining item was denied an additional extension request by th subsequently granted an extension request on 8/17/2024 due to a rai			

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

ce regarding the postponed inspections. Refer to Environmental Auditor Field Observations and

SUMMARY OF OBSERVATIONS

F11 (Blackwater River) requiring streambank repair due to water flowing from the dewatering facilities ank sloughing. Sediment caused by the streambank sloughing was removed below the streambank. A 2/29/2024 to conduct streambank repairs upon engineer review/redlines and agency approvals.

C-19 (Maggodee Creek) requiring streambank repair due to water flowing from dewatering facilities to bank. Sediment caused by the streambank erosion was removed. The VADEQ required an extension nt removal and streambank stabilization are adequate.

ce repair. This item received extension request approvals due to wet conditions as engineered lat temporary ESC measures were repaired/replaced just prior to Tropical Storm Debby.

ance and completed within the required timeframe via extension request approvals. One of the horized traffic.

nance and three were completed within the required timeframe via extension request approvals.

ed the three day required timeframe by one day as the VADEQ denied additional extension requests n received new extension request approvals and were completed on 8/9/2024 and 8/16/2024,

leted on 8/16/2024 and was not completed within the required timeframe. This item was a rain event on 8/16/2024.

y the VADEQ on 8/15/2024 and not completed within the required timeframe. This item was a rain event on 8/16/2024.

7/25/2024		*5					5 (1 non- environmental ponding item removed from the punchlist due to subsidence)	1 on 7/27/2024 through 8/2/2024 to be completed on 8/6/2024 1 on 7/27/2024 through 8/6/2024 to be completed on 8/6/2024 to be completed on 8/9/2024 1 on 7/27/2024 through 8/15/2024 to be completed on 8/16/2024 (1 extension request denied by the VADEQ due to dry conditions)		1 on 8/6/2024 *3 on 8/7/2024 *1 on 8/16/2024	Five items were identified requiring ESC and SWM repair/maintenand *It should be noted two items were due on 8/6/2024 and exceeded due to dry conditions. One of the items was subsequently granted a
7/26/2024		5					5	2 on 7/27/2024 through 8/2/2024 to be completed on 8/6/2024 3 on 7/27/2024 through 8/6/2024 to be completed on 8/9/2024 (1 extension request denied by the VADEQ due to dry conditions)		2 on 8/5/2024 *3 on 8/7/2024	Five items were identified requiring ESC and SWM repair/maintenan *It should be noted one item was due on 8/6/2024 as an extension and exceeded the required three day timeframe by one day.
7/27/2024		1 (VADEQ item)					1	1 on 7/30, 8/2, 8/9, 8/12, and 8/15/2024 to be completed on 8/16/2024 (saturated conditions on steep slope prohibiting heavy equipment from completing permanent repairs)			One item was identified requiring ESC repairs on a steep slope. Satu installed until equipment can conduct permanent grading activities.
7/29/2024		6				2	4	5 on 8/1 and 8/2/2024 to be completed on 8/6/2024 1 on 8/1/2024 through 8/9/2024 to be completed on 8/13/2024		5 on 8/6/2024 *1 on 8/9/2024	Six items were identified requiring ESC repair/maintenance and 5 we *It should be noted one of items was due on 8/6/2024 as an extens by one day. This item was subsequently granted an extension requ
7/30/2024	0.0"-1.0" - 12 Hours *Isolated rainfall occurred on 7/29/2024	9					9	7 on 8/2 and 8/6/2024 to be completed on 8/6/2024 2 on 8/2/2024 through 8/9/2024 to be completed on 8/13/2024		*7 on 8/7/2024 *2 on 8/9/2024	Nine items were identified requiring ESC repair/maintenance. *Seven items were due on 8/6/2024 and two items were due on 8/
8/1/2024		6				5	1	3 on 8/3/2024 to be completed on 8/7/2024 *1 on 8/2/2024 through 8/15/2024 to be completed on 8/16/2024 (engineer/geotech review for unstable/saturated streambank at S-B6) 2 on 8/3, 8/7, and 8/9/2024 to be completed on 8/13/2024		3 on 8/5/2024 2 on 8/13/2024 *1 on 8/16/2024	Six items were identified requiring ESC and SWM repair/maintenanc identified items were caused by third party impacts related to unaut *It should be noted one item completed on 8/16/2024 was due on Environmental Auditor's field observation, the S-B6 streambank we permanent slope protection measures. At the time of the evaluation
8/2/2024		3 (1 VADEQ item)					3			*3 on 8/6/2024 (items exceeded timeframe by one day)	Three items were identified requiring ESC repair/maintenance and c *It should be noted that these items were due on 8/5/2024 and ex
8/3/2024	0.0"-0.7" - 2 Hours *Isolated rainfall occurred on 8/2/2024	*1 (VADEQ item)					1			1 on 8/6/2024	One item was identified requiring ESC properly installation and com and observed that the SSB was properly installed.
8/4/2024	0.25"-2.0" - 1 Hour *Scattered storm events with areas of high intensity/short duration rainfall occurred on late 8/3/2024	19	1	1		1	18 (includes off right of way and environmental resource impacts)		2 on 8/5/2024	16 on 8/5/2024 1 on 8/7/2024	Nineteen items were identified requiring ESC and SWM repair/maint way sediment impact approximately 10 feet within an upland area w overwhelmed. The VADEQ was immediately notified, landowner act the required timeframe. No environmental resources were impacte One item was identified as an environmental resource impact at S-H a strong storm event coupled with damaged ESC measures due to e The VADEQ was immediately notified, ESC measures repaired/enhar submitted a Courtesy Notice of Force Majeure Declaration on 8/9/20
		T	1	T	T	1	n	ENVIRONMENTAL INSPECTOR OF	SERVATIONS	T	
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	
8/5/2024		5				2	3			4 on 8/6/2024 1 on 8/7/2024	Five items were identified requiring ESC repair/maintenance and con impacts related to unauthorized traffic.
8/6/2024		15				3	12	10 on 8/8/2024 to be completed on 8/12/2024 1 on 8/9/2024 to be completed on 8/12/2024 due to wet conditions		3 on 8/6/2024 1 on 8/7/2024 4 on 8/9/2024 6 on 8/10/2024 1 on 8/12/2024	Fifteen items were identified requiring ESC repair/maintenance and impacts related to livestock traffic (1) unauthorized traffic (2).
8/9/2024	1.8"-4.4" - 24 Hours *A storm event from Tropical Storm Debby began on 8/7/2024 and continued through 8/8/2024	14				1	13	1 on 8/11 and 8/14/2024 to be completed on 8/18/2024 due to wet conditions		6 on 8/9/2024 6 on 8/10/2024 1 on 8/11/2024 1 on 8/16/2024	Fourteen items were identified requiring ESC and SWM repair/maint third party impact related to unauthorized traffic.

ance and three were completed within the required timeframe via extension request approvals.

ded the three day required timeframe by one day as the VADEQ denied additional extension requests ed an extension request due to a rain event on 8/7/2024.

nance and four were completed within the required timeframe via extension request approvals.

on request was denied by the VADEQ due to dry conditions. The item was completed on 8/7/2024

aturated soils on top of dry soils caused a portion of the slope to slide. Interim ESC measures were

were completed within the required timeframe via extension request approvals.

ension request was denied by the VADEQ due to dry conditions and exceeded the timeframe required equest approval due to a rain event on 8/7/2024.

8/8/2024. These items exceeded the required three day timeframes by one day.

nce and 5 were completed within the required timeframe via extension request approvals. Five of the authorized traffic (3) and wildlife traffic (2).

on 8/15/2024 and exceeded the required three day timeframe by one day. However, based on the was saturated and requires and additional engineer review and redlines to implement additional ation, temporary ESC measures were installed within the required timeframe.

d completed.

exceeded the required timeframe by one day. No extension requests were submitted to the VADEQ.

mpleted within the required timeframe. *It should be noted that this item was evaluated by the EI

intenance and completed within the required timeframe. One item was identified as an off right of a west of Jacks Creek Road. On 8/3/2024, a strong storm event caused ESC measures to become access granted, ESC measures repaired/maintained, sediment removed, and the area stabilized within ted.

-H37 west of Jacks Creek Road caused by third party impacts related to livestock traffic. On 8/3/2024, o extensive livestock traffic caused streambank erosion resulting in a sediment impact to the stream. nanced, and sediment removed within the required timeframe. The MVP Environmental staff /2024 and a Final Notice of Force Majeure Declaration on 8/14/2024.

SUMMARY OF OBSERVATIONS

completed within the required timeframe. Two of the identified items were caused by third party

nd completed within the required timeframe. Three of the identified items were caused by third party

intenance and completed within the required timeframe. One of the identified items was caused by a

8/10/2024		14	3				14 (includes environmental resource impacts)		1 on 8/10/2024 2 on 8/11/2024	8 on 8/10/2024 3 on 8/11/2024	Fourteen items were identified requiring ESC and SWM repair/mainte third party impacts related to unauthorized traffic. Three items were 40, and S-H37 east of Highway 40. From 8/7/2024 through 8/8/2024, caused ESC and SWM measures to become overwhelmed. At S-B6, co caused the streambank to slough resulting in a sediment impact to th repaired/maintained, and sediment removed from the stream within and extension requests were approved by the VADEQ until permanen #1022) on 8/10/2024. At W-H17, off right of way run-on caused seve resulting in impacts to the wetland. The VADEQ was immediately not required timeframe. The LEI submitted an Agency Compliance Form (run-on, the Environmental Auditor recommended installing a higher grainfall coupled with damaged ESC and SWM measures from livestock was immediately notified, ESC and SWM measures repaired/enhanced Agency Compliance Form (Problem Area Report #1024) on 8/10/2024 three impacts on 8/14/2024.
8/12/2024		18	1			2	16 (includes environmental resource impact)		1 on 8/13/2024	5 on 8/12/2024 5 on 8/13/2024 7 on 8/14/2024	Eighteen items were identified requiring ESC and SWM repair/maintee third party impacts related to landowner activities. One item was ide storm event from Tropical Storm Debby with intervals of high intensis was immediately notified, the streambank regraded, ESC measures re submitted Agency Compliance Form (Problem Area Report #1025) on Declaration on 8/14/2024.
8/13/2024		7				1	6			3 on 8/13/2024 4 on 8/14/2024	Seven items were identified requiring ESC and Pollution Prevention re caused by a third party impact related to landowner traffic.
8/14/2024		6				2	4			6 on 8/15/2024	Six items were identified requiring ESC repair/maintenance and comp impacts related to landowner traffic and livestock traffic.
8/15/2024		1				1				1 on 8/15/2024	One item was identified requiring ESC repair/maintenance and compl unauthorized traffic.
8/16/2024		1					1			1 on 8/16/2024	One item was identified requiring ESC repair/maintenance and compl
			•	•	•			VADEQ OBSERVATIO	NS		
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	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	
8/7/2024		2			DAMAGE		2	1 on 8/9/2024 to be completed on 8/13/2024 due to wet conditions		1 on 8/92024 1 on 8/10/2024	Two items were identified requiring ESC repair/maintenance and com
8/13/2024		1					1			1 on 8/15/2024	One item was identified requiring SWM repair/maintenance and com
8/14/2024		3					3			3 on 8/15/2024	Three items were identified requiring ESC, SWM, and Pollution Preven
8/15/2024		2					2			2 on 8/15/2024	Two items were identified requiring Pollution Prevention repair/main
8/16/2024		2	1			1	1 (includes environmental resource impact		2 on 8/16/2024		Two items were identified requiring ESC repair/maintenance and com impact at S-OO2 east of Chalk Level Road. Third party foot traffic dam the stream. The streambank was regraded, ESC measures repaired/e submitted Agency Compliance Form (Problem Area Report #1029) on Majeure Declaration.
								LANDOWNER/THIRD PARTY REPORT			
DATE OF OBSERVATION			NEAREST ROAD	OR FEATURE				TOTAL NUMBER OBSERVATIO	INS		
DATE OF OBSERVATION				OBSERVATIONS				INVIRONMENTAL AUDITOR FIELD OBSERVATION	NO RECOMINIENI		CONCLUSION AND RECOMMENDATIONS
8/7/2024				CESERVATIONS							red to be installed and functional at the time of the evaluation. The Env mpost filter sock (CFS) undermining below permanent waterbar end tr
	The Environmental Auditor	conducted site eval	luations at the followin	ng locations: MVP-FF	R-320 (CIS), Indian Cave	Road (GAS), Anderson M	vill Road #2 (CIS),				nental resource impact at S-H37 (west of Jacks Creek Road) were ident

intenance and completed within the required timeframe. One of the identified items was caused by ere identified as environmental resource impacts at S-B6 east of Riddle Road, W-H17 east of Highway 024, a storm event with intervals of high intensity/short duration rainfall from Tropical Storm Debby 5, continued issues related to runoff from permanent waterbar end treatments east of the stream ot the stream. The VADEQ was immediately notified, temporary ESC and SWM measures hin the required timeframe. It should be noted that previous related impacts occurred at this location nent repairs can be conducted. The LEI submitted an Agency Compliance Form (Problem Area Report evere erosion within the right of way. This event caused ESC and SWM measures to become damaged notified, ESC and SWM measures repaired/enhanced, and sediment removed from W-H17 within the rm (Problem Area Report #1023) on 8/10/2024. Based on previous issues related to the off right of way regrade soil stabilization matting (SSM) within the draw across the right of way. At S-H37, heavy tock activities caused streambank erosion resulting in a sediment impact to the stream. The VADEQ nced, and sediment removed from the stream within the required timeframe. The LEI submitted an 024. The MVP Environmental staff submitted a Courtesy Notice of Force Majeure Declaration for all

intenance and completed within the required timeframe. Two of the identified items was caused by identified as an environmental resource impact at S-G18 east of Timber Ridge Road. On 8/8/2024, a nsity/short duration rainfall caused streambank erosion resulting in the stream impact. The VADEQ is repaired/enhanced, and sediment removed from the stream within the required timeframe. The LEI on 8/12/2024. The MVP Environmental staff submitted a Courtesy Notice of Force Majeure

repair/maintenance and completed within the required timeframe. One of the identified items was

mpleted within the required timeframe. Two of the identified items was caused by a third party

npleted within the required timeframe. This item was caused by third party impacts related to

pleted within the required timeframe.

SUMMARY OF OBSERVATIONS

ompleted within the required timeframe.

mpleted within the required timeframe.

vention repair/maintenance and completed within the required timeframe.

aintenance and completed within the required timeframe.

completed within the required timeframe. One item was identified as an environmental resource damaged the ESC measures and caused an area of the slope to slough resulting in a sediment impact to d/enhanced, and sediment removed from the stream within the required timeframe. The LEI on 8/16/2024. The MVP Environmental staff is in the process of preparing a Courtesy Notice of Force

SUMMARY OF OBSERVATIONS

Environmental Auditor communicated with the LEI, Chief EI, and MVP Environmental staff regarding I treatments at several locations, and erosion occurring within a roadside ditch where straw mulch

entified by the EI on 8/4/2024. The Environmental Auditor observed the ESC measures uditor observed the sediment removed from the S-H37 streambed and repairs conducted on the raluation at S-SS8 and observed the ESC measures enhanced at and above the stream. The or off right of way/environmental resource impacts as the ESC Plan redlines submitted on 8/2/2024

All Ineffective Temporary Control Measures are rep Need of Routine Mainten within the required timef	paired and ESC Measures in nance are maintained		24 (emails from VADEQ), the contractor was not adequately staffed to address the daily MVP Punchlist items to meet the required timeframes. It should be not nents and no daily MVP Punchlist items for off right of way/environmental resource impacts were exceeded. Based on communication with the MVP Environment
The temporary erosion ar measures are properly in maintained?	stalled, inspected, and	Yes	
Plans?	Annual Standards and Site Specific ESC and SWM	Yes	
		Yes/No	REQUIRED FINDINGS AND CONCLUSIONS If No, provide explanation and recommendation for corrective action (if any).
8/5/2024 through	Spread I Project. Throughou related to complete and thor MVP Environmental staff. On 8/5/2024, the El observer following a strong storm eve CC9, and S-CC10 east of Tosh project related impacts were Based on communication, ini not adequately staffed to ad Punchlist items for off right c Environmental staff and Chie extension requests were sub submitted but did not receiv received approving extension The Environmental Auditor provi where the current SSB is not	t this reporting per ough SWPPP VSIR d sediment deposit nt on 8/4/2024. Or les Road following observed at the til ternal feedback and dress the daily MVI of way/environmen if El and was inform mitted for three ite e timely responses in requests. ommunicated with ded recommendati functional due to h	The Environmental Auditor continues to recommend ensuring sufficient contractor staff is available to conducted ESC and SWM repairs/maintenance in the requ all daily MVP Punchlist and SWPPP VSIR documentation to ensure thoroughness, consistency, and timeframe requirements comply with the AS&S requirements.

nstalling enhanced ESC measures as needed. Based on the SWPPP, MVP Punchlist findings and ed by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act

required timeframes. The Environmental Auditor also continues to recommend conducting QA/QC on ents.

noted that based on the VADEQ denials, 19 items were not completed within the required timeframe. mental staff and Chief EI, additional contractor personnel have been added to the project.

MOUNTAIN VALLEY PIPELINE SPREAD I

ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 8/19/2024 through 9/1/2024

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

Report Period Ending: 9/1/2024

Report Prepared By: Joe Crea

								SUMMARY O	FFINDINGS		
Total Number of SWPPP Ins	spections: 70 conducted from	8/19/2024 through	9/1/2024 (includes Tr	ansco Interconn	ect Station/H-602/H-60	3/Laydown Yards)					
Total Number of Environme	ental Inspector (EI) Erosion an	d Sediment Control	(ESC) Observations fro	om 8/19/2024 tł	rough 9/1/2024 (includ	les Carry Over Items f	rom 8/18/2024): 29				
Total Number of ODCP Insp	pections at Laydown Yard 045,	/046: 0; All refuelin	g tanks were removed	from MVP-LY-0	46 on 7/17/2024.						
Total Number of VA DEQ O	bservations from 8/19/2024 t	hrough 9/1/2024 (ii	ncludes Carry Over Ite	ms from 8/18/20	024): 10						
Total Number of Landowne	er/Third Party Reported Comp	olaints: 0									
	/ay Impacts Caused by Third P										
	Vay Impacts Caused by Weath	er Related Damage	(damaged ESC measur	es from fallen de	ebris): 0						
Total Number of Off Right o											
Total Number of Environme											
	ures in Need of Routine Maint										
Based on the Environment	tal Auditor's observations, the	e resources availab	le and deployed in the	e field, including	environmental inspect	ors and the construct	tion contractor, were	e sufficient to regularly and consistently re CARRY OVER ITEMS		leasures in a timely ma	nner from 8/19/2024 through 9/1/2024.
					RIGHT OF WAY						
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	IMPACTS CAUSED BY	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	sur
2/21/2024		1	1					1 on 2/22, 2/29, and 4/2/2024 (24 Hours) to be completed upon engineer review/redlines			One item was identified as an environmental resource impact at S-F11 (Bla a natural low point just above the streambank resulting in the bank slough term extension request has been approved by the VADEQ on 2/29/2024 to
2/22/2024		1	1					1 on 2/22, 2/29, and 4/2/2024 (24 Hours) to be completed upon verification by the VADEQ Aquatic Biologist			One item was identified as an environmental resource impact at S-C-19 (M natural low spots and through existing gullies on the S-C19 streambank. So request until an aquatic biologist from the agency confirms sediment removed the spectrum of the streambank.
7/24/2024	0.5"-1.1" - 2 Hours *Scattered storm events occurred on 7/23/2024	2					2	1 on 7/27/2024 through 8/19/2024 to be completed on 8/22/2024 1 on 7/27/2024 through 821/2024 to be completed on 8/25/2024		1 on 8/21/2024 1 on 8/23/2024	Two items were identified requiring ESC and SWM repair/maintenance an inhibiting equipment.
7/27/2024		1 (VADEQ item)					1	1 on 7/30/2024 through 8/25/2024 to be completed on 8/28/2024 (saturated conditions on steep slope prohibiting heavy equipment from completing permanent repairs)		1 on 8/27/2024	One item was identified requiring ESC repairs on a steep slope and comple soils caused a portion of the slope to slide. Erosion and Sediment Control
								ENVIRONMENTAL INSPE	CTOR 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	SUM
8/20/2024		5					5			2 on 8/20/2024 3 on 8/21/2024	Five items were identified requiring ESC repair/maintenance and complete
8/21/2024		6				3	3			1 on 8/21/2024 5 on 8/23/2024	Six items were identified requiring ESC repair/maintenance and completed related to unauthorized traffic.
8/22/2024		3				2	1			3 on 8/23/2024	Three items were identified requiring ESC repair/maintenance and comple impacts related to unauthorized traffic.
8/23/2024		1				1				1 on 8/23/2024	One item was identified requiring ESC repair/maintenance and completed unauthorized traffic.
8/27/2024		1				1				1 on 8/27/2024	One item was identified requiring ESC repair/maintenance and completed unauthorized traffic.
8/28/2024		4				2	2			4 on 8/28/2024	Four items were identified requiring ESC repair/maintenance and complet impacts related to unauthorized traffic and livestock traffic.
8/30/2024	0.0"-2.8" - 12 Hours *Scattered strong storms occurred on 8/29/2024	5					5			5 on 8/30/2024	Five items were identified requiring ESC repair/maintenance and complete

SUMMARY OF OBSERVATIONS

I (Blackwater River) requiring streambank repair due to water flowing from the dewatering facilities to oughing. Sediment caused by the streambank sloughing was removed below the streambank. A long 24 to conduct streambank repairs upon engineer review/redlines and agency approvals.

9 (Maggodee Creek) requiring streambank repair due to water flowing from dewatering facilities to k. Sediment caused by the streambank erosion was removed. The VADEQ required an extension removal and streambank stabilization are adequate.

e and completed within the required timeframe via extension request approvals due to wet conditions

mpleted within the required timeframe via extension request approvals. Saturated soils on top of dry trol measures were installed in the interim until equipment conducted permanent grading activities.

SUMMARY OF OBSERVATIONS

pleted within the required timeframe.

leted within the required timeframe. Three of the identified items were caused by third party impacts

mpleted within the required timeframe. Two of the identified items were caused by third party

eted within the required timeframe. This item was caused by third party impacts related to

eted within the required timeframe. This item was caused by third party impacts related to

pleted within the required timeframe. Three of the identified items were caused by third party

pleted within the required timeframe.

								VADEQ OBS	ERVATIONS			
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	-			RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	REDAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS		
8/22/2024		2					2			2 on 8/23/2024	Two items were identified requiring ESC repair/maintenance and comp	
8/27/2024		1					1			1 on 8/28/2024	One item was identified requiring ESC repair/maintenance and comple	
8/28/2024		1					1			1 on 8/29/2024	One item was identified requiring ESC repair/maintenance and comple and communicated this same issue on 8/20/2024.	
8/29/2024		4					4			1 on 8/29/2024 3 on 8/30/2024	Four items were identified requiring ESC repair/maintenance and com	
8/30/2024	0.0"-2.8" - 12 Hours *Scattered strong storms occurred on 8/29/2024	1					1			1 on 8/30/2024	One item was identified requiring ESC repair/maintenance and comple	
	T						T	LANDOWNER/THIRD PART	Y REPORTED COMPLAI	NTS		
DATE OF OBSERVATION			NEAREST ROAD OR	FEATURE				TOTAL NUMBER OBSER	VATIONS			
	I							ENVIRONMENTAL AUDITOR FIELD OBSI	ERVATIONS AND RECO	MMENDATIONS		
DATE OF OBSERVATION			OB	SERVATIONS							CONCLUSION AND RECOMMENDATIONS	
									tabilization Blanket (SSI	3) and upgrading if nece	eared to be installed and functional at the time of the evaluation. The Er essary, removing a Clean Water Diversion (CWD) pipe not addressed dur ssing.	
8/20/2024	The Environmental Auditor c (GAS), MVP-FR-321 (CIS/GAS				e Road (GAS), Snow Cre	ek Road (CIS), Ramse	ey Memorial Road	Environmental Auditor recommended th were repaired at S-H37; however, livesto impact the project right of way. The ESC measures as necessary. The Environmen	e slope above S-B6 and ck traffic continues to c and SWM measures we tal Auditor evaluated S	upgrading the SSB as n lamage the ESC and SW ere repaired and sedime G18 east of Timber Rid	epairs and permanent slope restoration was occurring. Based on the ev ecessary. The Environmental Auditor evaluated S-H37 and W-H17 west /M measures at and above the stream. At W-H17, it appeared that upslo ent removed from the wetland. The Environmental Auditor provided a r lge Road where runoff from a previous precipitation event caused strear The Environmental Auditor recommended monitoring the current SSB a	
8/21/2024	The Environmental Auditor c	onducted site evalu	ations at House Rock F	toad (GAS) and N	/VP-FR-293.02.			runoff activities cause erosion and slope	slippage. At the time of	f the evaluation the Env	eared to be installed and functional at the time of the evaluation. The Er vironmental Auditor observed the ESC measures installed and functional ndations to install enhanced sediment control measures above S-II9 if ra	
8/22/2024	The Environmental Auditor c	onducted a site eva	luation at MVP-FR-320	(CIS).				The Environmental Auditor conducted an evaluation at S-H38 to confirm an environmental resource impact identified by the VADEQ the same day. At the t should be noted that this stream through the project area was subjected to non project related high flows due to upstream third party earth disturbance ar of way. The Environmental Auditor communicated with the LEI, Chief EI, and MVP Environmental staff regarding a recommendation to install soil stabilizat				
8/26/2024	The Environmental Auditor c Road (CIS), and MVP-FR-303.		ations at the following	locations: US 22	0 (CIS), Foggy Ridge Ro	ad (GAS), MVP-FR-30	05 (CIS), Iron Ridge	The Environmental Auditor observed local observation to conduct restabilization ac			eared to be installed and functional at the time of the evaluation. The Er	
	The Environmental Auditor re Project.	eviewed and noted	the daily MVP Punchlis	ts and SWPPP V	SIRs to be compliant du	ring this reporting pe	eriod for the Spread I				me requirements and recommends continued BMP monitoring and insta meet the MVP Annual Standards and Specifications as required by the V	
8/19/2024 through 9/1/2024	The Environmental Auditor c documentation.	ommunicated with	the LEI and Environme	ntal Coordinator	(EC) regarding observa	itions related to SWP	PPP VSIR	Entity.				
	The Environmental Auditor c	ommunicated with	all Spread LEIs on 8/28	/2024 regarding	the Bi-Weekly reportin	g period ending on 9	9/1/2024.	The Environmental Auditor continues to	recommend conducting	QA/QC on SWPPP VSI	Rs documentation to ensure the reports are thorough and consistent an	
			1					REQUIRED FINDINGS				
-		Yes/No						If	No, provide explanatio	on and recommendatio	on for corrective action (if any).	
Best management practice accordance with MVP's An Specifications and MVP's S Plans?	nual Standards and	Yes										
The temporary erosion and are properly installed, insp	d sediment control measures pected, and maintained?	Yes										
All Ineffective Temporary Control Measures are repa Need of Routine Maintena the required timeframes?	aired and ESC Measures in ance are maintained within	Yes										

SUMMARY OF OBSERVATIONS

leted within the required timeframe.

ted within the required timeframe.

eted within the required timeframe. It should be noted that the Environmental Auditor observed

npleted within the required timeframe.

eted within the required timeframe.

SUMMARY OF OBSERVATIONS

nvironmental Auditor communicated with the LEI, Chief EI, and MVP Environmental staff regarding ring permanent restoration activities, installing enhanced ESC measures at a location where a previou

valuation, it appeared that the ESC and SWM measures were properly repaired/reinstalled. The t of MVP-FR-320 where previous environmental impacts occurred. It appeared that the ESC measures ope (off right of way) landowner earth disturbance activities caused the sediment laden runoff to recommendation to monitor this location and conduct minor regrading and install enhanced ESC mbank erosion resulting in the impact. The Environmental Auditor observed what appeared to be and upgrade as necessary.

nvironmental Auditor evaluated the steep hill between House Rock Road and S-II9 where previous I and the soil conditions to be too wet to conduct final restoration repairs. The Environmental Auditor ainfall is forecasted prior to conducting slope restoration activities.

e of the evaluation, the Environmental Auditor did not observed any sediment impact to the stream. It ities during 2022. These activities contributed to streambank erosion at two locations within the right matting (SSM) where the current SSB is degrading and not in contact with the ground surface.

nvironmental Auditor communicated with the LEI, Chief EI, and MVP Environmental staff regarding an

alling enhanced ESC measures as needed. Based on the SWPPP, MVP Punchlist findings and Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear

coincide with the daily MVP Punchlists.

MOUNTAIN VALLEY PIPELINE SPREAD I ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 9/2/2024 through 9/15/2024

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

Report Period Ending: 9/15/2024

Report Prepared By: Joe Crea

								SUMMAR	RY OF FINDINGS		
Total Number of SWPPP Ir	nspections: 57 conducted from 9/2	/2024 through 9/15	5/2024 (includes Transc	o Interconnect S	tation/H-602/H-603/Lay	/down Yards): Holida	y on 9/2/2024				
Total Number of Environm	nental Inspector (EI) Erosion and Se	ediment Control (ES	SC) Observations from 9	/2/2024 through	n 9/15/2024 (includes Ca	arry Over Items from	9/1/2024): 32				
Total Number of ODCP Ins	spections at Laydown Yard 045/046	5: 0; All refueling ta	anks were removed from	m MVP-LY-046 o	n 7/17/2024.						
Total Number of VA DEQ (Observations from 9/2/2024 throug	gh 9/15/2024: 14									
Total Number of Landown	er/Third Party Reported Complain	ts: 0									
Total Number of Right of \	Way Impacts Caused by Third Partie	es: 13 (livestock tra	ffic, unauthorized traffi	ic, and landowne	r traffic)						
Total Number of Right of \	Way Impacts Caused by Weather R	elated Damage (da	maged ESC measures fr	om fallen debris): 0						
Total Number of Off Right	of Way Impacts: 0										
Total Number of Environm	nental Resource Impacts: 0										
Total Number of ESC Meas	sures in Need of Routine Maintena	ince Not Maintaine	d Within Timeframes Re	equired by MVP's	s Annual Standards and	Specifications or as C	therwise Provided in	the Consent Decree: 0			
Based on the Environmen	ntal Auditor's observations, the res	sources available a	nd deployed in the field	d, including envi	ronmental inspectors a	nd the construction o	ontractor, were suffi	cient to regularly and consisten	tly repair ineffective BN	MP measures in a time	ly manner from 9/2/2024 through 9/15/2024.
								CARRY OVER IT	EMS FROM 9/1/2024		
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS		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	SUMM
2/21/2024		1	1					1 on 2/22, 2/29, and 4/2/2024 to be completed upon engineer review/redlines			One item was identified as an environmental resource impact at S-F11 (Blackwa natural low point just above the streambank resulting in the bank sloughing. Se extension request has been approved by the VADEQ on 2/29/2024 to conduct s
2/22/2024		1	1					1 on 2/22, 2/29, and 4/2/2024 to be completed upon verification by the VADEQ Aquatic Biologist			One item was identified as an environmental resource impact at S-C-19 (Maggo natural low spots and through existing gullies on the S-C19 streambank. Sedimu until an aquatic biologist from the agency confirms sediment removal and strea
								ENVIRONMENTAL IN	SPECTOR OBSERVATIO	INS	
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS		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	SUMM
9/2/2024		8					8			8 on 9/3/2024	Eight items were identified requiring ESC repair/maintenance and completed w
9/3/2024	0.0"-0.8" - 12 Hours Isolated precipitation with locations receiving high intensity/short duration rainfall occurred on 9/2/2024	7				4	3			6 on 9/4/2024 1 on 9/6/2024	Seven items were identified requiring ESC repair/maintenance and completed v related to unauthorized traffic, livestock traffic, wildlife traffic, and agricultural
9/4/2024		2				1	1			2 on 9/5/2024	Two items were identified requiring ESC repair/maintenance and completed wit related to unauthorized traffic.
9/5/2024		2				1	1			2 on 9/5/2024	Two items were identified requiring ESC and SWM repair/maintenance and com impacts related to unauthorized traffic.
9/10/2024		2				2				2 on 9/11/2024	Two items were identified requiring ESC repair/maintenance and completed wit unauthorized traffic.
9/12/2024		5				1	4			2 on 9/12/2024 3 on 9/13/2024	Five items were identified requiring ESC repair/maintenance and completed wit related to unauthorized traffic.
9/13/2024		4				2	2			2 on 9/13/2024	Four items were identified requiring ESC repair/maintenance and two were com impacts related to unauthorized traffic and livestock traffic. The remaining two

MMARY OF OBSERVATIONS

kwater River) requiring streambank repair due to water flowing from the dewatering facilities to a section of the streambank sloughing was removed below the streambank. A long term act streambank repairs upon engineer review/redlines and agency approvals.

ggodee Creek) requiring streambank repair due to water flowing from dewatering facilities to diment caused by the streambank erosion was removed. The VADEQ required an extension request treambank stabilization are adequate.

MMARY OF OBSERVATIONS

ed within the required timeframe.

ed within the required timeframe. Four of the identified items were caused by third party impacts aral equipment traffic.

d within the required timeframe. One of the identified items was caused by third party impacts

completed within the required timeframe. One of the identified items was caused by third party

d within the required timeframe. Both items were caused by third party impacts related to

within the required timeframe. One of the identified items was caused by third party impacts

completed within the required timeframe. Two of the identified items were caused by third party two items have three days to be 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	SUMI		
9/9/2024		1					1			1 on 9/9/2024	One item was identified requiring ESC repair/maintenance and completed with		
9/10/2024		3					3			3 on 9/11/2024	Three items were identified requiring ESC repair/maintenance and completed		
9/11/2024		2					2			2 on 9/12/2024	Two items were identified requiring ESC repair/maintenance and completed w		
9/12/2024		4				2	2	1 on 9/13/2024 long term extension to be completed upon landowner permission	1 on 9/13/2024	2 on 9/13/2024	Four items were identified requiring ESC repair/maintenance and three were or impacts related to landowner activities. The remaining item received a long te		
9/13/2024		4					4			1 on 9/13/2024	Four items were identified requiring ESC repair/maintenance and one was con completed within the required timeframe.		
	-						•	LANDOWNER/THIRD PA		LAINTS			
DATE OF OBSERVATION			NEAREST ROAD OR FE	EATURE				TOTAL NUMBER OF	SERVATIONS		SUMI		
							ENV	IRONMENTAL AUDITOR FIELD C	DBSERVATIONS AND RE	COMMENDATIONS			
DATE OF OBSERVATION				ERVATIONS							CONCLUSION AND RECOMMENDATIONS		
9/5/2024	The Environmental Auditor condu View Road (GAS), MVP-FR-302(GA			tions: Webster R	oad (GAS), MVP-FR-315	5 (CIS/GAS), MVP-FR-3	13.01 (GAS), Farm	The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at the time of the evaluation. The MVP Environmental staff regarding observations and recommendations related to monitoring a streambank where vegetation is minimal and the Soil Stabiliz					
9/9/2024	The Environmental Auditor condu Road (GAS), Leaning Oak Road (Cl				The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at the time of the evaluation. The regarding observations and recommendations related to installing runoff control measures on an access road where washout continues to be an issue, lando monitoring a streambank.								
9/11/2024	The Environmental Auditor condu (GAS), MVP-PI-336.01 (CIS), and A	tions: Transco Inf	terconnect Station, H-6	02, Mill Creek Road (0	CIS/GAS), Riddle Road	The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at the time of the evaluation. The regarding observations and recommendations related to monitoring a streambank where vegetation is minimal and the SSB is degrading, conducting restabil right of way where potential erosion could occur along the inside edge of the perimeter sediment control along the slope. The Environmental Auditor also co measures will need to be installed per the SWM Plan requirements.							
	The Environmental Auditor review Project.	wed and noted the o	daily MVP Punchlists ar	nd SWPPP VSIRs t	o be compliant during	this reporting period f	or the Spread I						
9/2/2024 through 9/15/2024	The Environmental Auditor comm documentation that includes pho	to logs not covering	significant portions of	the right of way	during SWPPP inspecti	ons.		The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continued BMP monitoring ar communication with the Lead Environmental Inspector, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required b					
5,25,252.	D24 The Environmental Auditor communicated with all Spread LEIs on 9/10/2024 regarding the Bi-Weekly reporting period ending on 9/15/2024. The Environmental Auditor provided feedback on the following: ensuring that corrective action items noted in the VSIRs are added to the respective daily MVP Punchlists; enhancing ESC measures (i.e. SSB) where straw mulch or hydraulic applications are not effective measures per Section 3.2 of the Annual Standar and Specifications due to concentrated flow resulting in erosion and/or off right of way/environmental resource impacts, properly embedding/anchoring SS per the required ESC Plans, and inspecting compost filter sock for undermining subsequently resulting in erosion.							Entity.					
								REQUIRED FINDI	NGS AND CONCLUSION	5			
	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 Yes Specifications and MVP's Site Specific ESC and SWM Plans?													
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?													

UMMARY OF OBSERVATIONS

within the required timeframe.

ed within the required timeframe.

a within the required timename.

ere completed within the required timeframe. Two of the identified items were caused by third party ng term extension request approval until landowner permission is granted.

completed within the required timeframe. The remaining three items have three days to be

UMMARY OF OBSERVATIONS

The Environmental Auditor communicated with the LEI, Chief EI, Environmental Coordinator (EC) and abilization Blanket (SSB) is degrading.

The Environmental Auditor communicated with the LEI, Chief EI, EC, and MVP Environmental staff andowner agricultural activities on the right of way adjacent to an environmental resource, and

The Environmental Auditor communicated with the LEI, Chief EI, and MVP Environmental staff tabilization activities where bare/disturbed areas were observed, and monitoring a section of the so communicated with the LEI regarding permanent/MLV access roads where permanent SWM

nd installing enhanced ESC measures as needed. Based on the SWPPP, MVP Punchlist findings, and by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear

MOUNTAIN VALLEY PIPELINE

SPREAD I ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 9/16/2024 through 9/29/2024 ENVIRONMENTAL AUDITOR CONTACT INFORMATION Joe Crea CPESC, CPSWQ Tetra Tech 661 Andersen Drive, Suite 200, Pittsburgh PA 15220

Report Period Ending: 9/29/2024

Report Prepared By: Joe Crea

SUMMARY OF FINDINGS
Total Number of SWPPP Inspections: 52 conducted from 9/16/2024 through 9/29/2024 (includes Transco Interconnect Station/H-602/H-603/Laydown Yards): SWPPP inspections postponed on 9/17/2024 and 9/27/2024 due to hazardous right of way conditions as a result of a tropical system and a storm system from remnants of Hurricane
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 9/16/2024 through 9/29/2024 (includes Carry Over Items from 9/15/2024): 139
Total Number of ODCP Inspections at Laydown Yard 045/046: 0; All refueling tanks were removed from MVP-LY-046 on 7/17/2024.
Total Number of VA DEQ Observations from 9/16/2024 through 9/29/2024 (includes Carry Over Items from 9/15/2024): 10
Total Number of Landowner/Third Party Reported Complaints: 0
Total Number of Right of Way Impacts Caused by Third Parties: 12 (livestock traffic and unauthorized traffic)
Total Number of Right of Way Impacts Caused by Weather Related Damage (damaged ESC measures from fallen debris): 1
Total Number of Off Right of Way Impacts: 3 (1) On 9/19/2024 the FL observed an off right of way sediment impact within an unland area east of Ramsey Memorial Road On 9/18/2024 a storm event from a tropical system counciled with existing saturated conditions produced approximately 2.6 inches of rainfall within 1.5 hours causing ESC of

Total Number of Off Right of Way Impacts: **3** (**1**. On 9/19/2024, the EI observed an off right of way sediment impact within an upland area east of Ramsey Memorial Road. On 9/18/2024, a storm event from a tropical system coupled with existing saturated conditions produced approximately 2.6 inches of rainfall within 1.5 hours causing ESC measures to become overwhelmed. The VADEQ was immediately contacted, landowner access granted, temporary ESC measures installed, sediment removed, the area stabilized within the required timeframe. It appears that this impact was caused by runoff from topgoraphic conditions and permisented. **2-3**. On 9/26/2024, the EI and Environmental Auditor observed an off right of way sediment impact within an upland area east of Ramsey Memorial Road. On 9/18/2024, a storm event coupled with previous and fright of way sediment impact within an upland area east of Ramsey Memorial Road. On 9/12/2024, the EI and Environmental resources were impacted. **2-3**. On 9/26/2024, a storm event coupled with previous and fright of way sediment impact within an upland area east of Ramsey Memorial Road and the EI observed an off right of way sediment impact within an upland area east of Ramsey Memorial Road. On 9/12/2024, a torm event coupled with previous and fer memore access granted, ESC measures repaired/maintained, sediment removed, and the area stabilized within the required timeframe. No environmental resources were impacted. **2-3**. On 9/26/2024, the EI observed an environmental resource were impacted. **2-3**. On 9/26/2024, the EI and El observed approximately 2.2 inches of rainfall in 12 hours causing ESC measures to become overwhelmed. The VADEQ was immediately notified, landowner access granted, ESC measures repaired/maintained, sediment removed, and the areas stabilized within the required timeframe. No environmental resource impact **1**. **2** On 9/25/2024 the EI observed an environmental resource impact **1**. **2** On 9/25/2024 a storm event coupled with previous rainfall and saturated conditions prod

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 9/16/2024 through 9/29/2024.

							CARRY OVER ITEMS FROM 9/2	15/2024		
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS		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	
2/21/2024		1	1			1	1 on 2/22, 2/29, and 4/2/2024 to be completed upon engineer review/redlines			One item was identified as an environmental resource impact at S- facilities to a natural low point just above the streambank resulting streambank. A long term extension request has been approved by agency approvals.
2/22/2024		1	1			1	1 on 2/22, 2/29, and 4/2/2024 to be completed upon verification by the VADEQ Aquatic Biologist			One item was identified as an environmental resource impact at S- facilities to natural low spots and through existing gullies on the S- an extension request until an aquatic biologist from the agency cor
9/12/2024		1 (VADEQ)				1	1 on 9/13/2024 long term extension to be completed upon landowner permission			A long term extension request was approved via the VADEQ until la
9/13/2024		5 (3 VADEQ items)				5			5 on 9/16/2024	Five items were identified requiring ESC repair/maintenance and co

ne Helene, respectively.

SUMMARY OF OBSERVATIONS

t S-F11 (Blackwater River) requiring streambank repair due to water flowing from the dewatering ting in the bank sloughing. Sediment caused by the streambank sloughing was removed below the by the VADEQ on 2/29/2024 to conduct streambank repairs upon engineer review/redlines and

t S-C-19 (Maggodee Creek) requiring streambank repair due to water flowing from dewatering 2 S-C19 streambank. Sediment caused by the streambank erosion was removed. The VADEQ required confirms sediment removal and streambank stabilization are adequate.

I landowner permission is granted to conduct repair/maintenance.

completed within the required timeframe.

			-			-		ENVIRONMENTAL INSPECTOR OBS	ERVATIONS		
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	
9/16/2024		5				2	3			2 on 9/16/2024 3 on 9/19/2024	Five items were identified requiring ESC repair/maintenance and co impacts related to livestock traffic.
9/18/2024	0.7"-3.5" - 36 Hours *A storm event from a tropical system with intervals of high intensity occurred from 9/17/2024 through 9/18/2024	2					2	1 on 9/21 and 9/26/2024 to be completed on 10/4/2024 (engineering review/redlines)		1 on 9/19/2024	Two items were identified requiring ESC repair/maintenance and on approvals due to an engineering review to implement enhanced E
9/19/2024	0.2"-2.6" - 1.5 Hours *A storm event from a tropical system with locations receiving high intensity/short duration rainfall occurred late on 9/18/2024	39		1		2	37 (includes off right of way impact)	3 on 9/21 and 9/26/2024 to be completed on 10/4/2024 due to wet conditions and engineering review/redlines		18 on 9/20/2024 18 on 9/21/2024	Thirty-nine items were identified requiring ESC and SWM repair/ma were caused by third party impacts related to livestock traffic and u 50 feet within an upland area east of Ramsey Memorial Road. On 9 The VADEQ was immediately notified, landowner access granted, ss that this impact was caused by runoff from upslope topographic co term plan is being developed to enhance the current ESC and SWM Form (Problem Area Report #1047) on 9/19/2024. Three items received extension request approvals due to engineer topographic conditions and permanent waterbar end treatments of
9/20/2024	0.0"- 0.3" - 1 Hour *Isolated strong storms occurred on late 9/20/2024	6					6	5 on 9/22/2024 to be completed on 9/26/2024 due to wet conditions		1 on 9/20/2024 5 on 9/23/2024	Six items were identified requiring ESC repair/maintenance and cor
9/23/2024		2				2				2 on 9/26/2024	Two items were identified requiring ESC repair/maintenance and co to unauthorized traffic.
9/24/2024		2				2				2 on 9/26/2024	Two items were identified requiring ESC repair/maintenance and co to unauthorized traffic.
9/25/2024	0.8"-3.6" - 24 Hours *Strong storm events with heavier intensity throughout a 12 hour period occurred from 9/24/2024 into 9/25/2024	45	1			2	43 (includes environmental resource impact)	36 on 9/27/2024 to be completed on 10/1/2024 due to wet conditions and engineering review/redlines	2 on 9/26/2024	6 on 9/26/2024 1 on 9/27/2024 8 on 9/28/2024 (extension requests)	Forty-five items were identified requiring ESC and SWM repair/mai party impacts related to livestock traffic and unauthorized traffic. C Road. From 9/24/2024 into 9/25/2024, strong storm events with in ESC measures to become overwhelmed. The VADEQ was immediat stabilized. Based on a field evaluation conducted by the Environme topographic conditions that included discharge from the permanen developed that entails redlines to the current ESC/SWM measures a Report #1052) on 9/25/2024. The MVP Environmental staff is prep Observations for further discussion. Twenty-eight items received extension request approvals due to v
9/26/2024	0.6"-2.2" - 12 Hours *A strong storm event with intervals of high intensity short duration rainfall occurred throughout 9/25/2024	27		2		1	26 (includes off right of way impacts) 20 on 9/28/2024 to be completed on 10/2/202 due to wet conditions and engineering review/redlines		1 on 9/26/2024 1 on 9/27/2024	1 on 9/26/2024 4 on 9/28/2024 5 on 9/29/2024	Twenty-seven items were identified requiring ESC and SWM repair/ was caused by third party impacts related to unauthorized traffic. 1 20 feet within upland areas east of Ramsey Memorial Road and eas duration rainfall coupled with previous rainfall and saturated condit temporary ESC measures installed, landowner access granted, sedir appears that the impact at Ramsey Memorial Road was caused by t slope, the Environmental Auditor provided recommendations and r full width of the right of way (pending VADEQ approval). No enviro Reports #1061 and #1062, respectively) on 9/26/2024. The 15 remaining items received extension request approvals due
9/28/2024	0.4" - 2.0" - 24 Hours *A storm event from remnants of Hurricane Helene with intervals of high intensity/short duration rainfall continued through 9/27/2024	7	1		1	1	6 (includes environmental resource impact)		1 on 9/29/2024		Seven items were identified requiring ESC repair/maintenance and third party impacts related to livestock traffic. One item was cause resource impact at S-II9 east of House Rock Road. On 9/27/2024, a saturated conditions caused a slope to slough resulting in the ESC m temporarily repaired, sediment removed, and the streambank stabi implement enhanced ESC measures due to redundant issues occurr 9/28/2024. The MVP Environmental staff is preparing a Courtesy N The six remaining items have three days to be completed within th

SUMMARY OF OBSERVATIONS

d completed within the required timeframe. Two of the identified items were caused by third party

nd one was completed within the required timeframe. One item received extension request ed ESC measures on a slope where redundant issues occurred due to concentrated flow conditions.

r/maintenance and 36 were completed within the required timeframe. Two of the identified items ind unauthorized traffic. One item was identified as an off right of way sediment impact approximately On 9/18/2024, a storm event from a tropical system caused ESC measures to become overwhelmed. ed, sediment removed, the impacted area stabilized, and temporary ESC measures installed. It appears ic conditions and permanent waterbar end treatments. Due to ongoing issues on this slope, a long WM measures. No environmental resources were impacted. The LEI submitted an Agency Compliance

ineering reviews to implement enhanced ESC measures where redundant issues are occurring due to ents contributing to the impacts.

completed within the required timeframe.

nd completed within the required timeframe. These items were caused by third party impacts related

nd completed within the required timeframe. These items were caused by third party impacts related

maintenance and 17 were completed within the required timeframe. Two items were caused by third ic. One item was identified as an environmental resource impact at S-G13 east of Ramsey Memorial ith intervals of high intensity/short duration rainfall coupled with existing saturated conditions caused diately notified, sediment removed, ESC measures temporarily repaired, and the streambank nmental Auditor on 9/26/2024, it appears that this impact was caused by runoff from upslope anent waterbar end treatments. Due to redundant issues on this slope, a long term plan is being ires and enhancing the ESC measures. The LEI submitted an Agency Compliance Form (Problem Area oreparing a Courtesy Notice of Force Majeure Declaration. Refer to Environmental Auditor Field

to wet/saturated conditions.

pair/maintenance and 12 were completed within the required timeframe. One of the identified items ic. Two of the items were identified as off right of way sediment impacts approximately 100 feet and east of Armstrong Road, respectively. On 9/25/2024, a strong storm event with high intensity/short onditions caused ESC measures to become overwhelmed. The VADEQ was immediately notified, sediment removed, and the areas stabilized at both locations within the required timeframe. It by topographic conditions and permanent waterbar end treatments. Due to ongoing issues on this ind redlines are currently being developed to enhance ESC measures and extend waterbars across the vironmental resources were impacted. The LEI submitted Agency Compliance Forms (Problem Area

due to wet/saturated conditions.

and one was completed within the required timeframe. One of the identified items was caused by aused by weather related damage related to a fallen tree. One item was identified as an environmental 24, a storm event from remnants of Hurricane Helene coupled with previous rainfall and existing SC measures to become overwhelmed. The VADEQ was immediately notified, ESC measures stabilized within the required timeframe. It should be noted that an engineering review is underway to curring on the slope. The LEI submitted an Agency Compliance Form (Problem Area Report #1069) on sy Notice of Force Majeure Declaration.

nin the required timeframe.

								VADEQ OBSERVATION	s				
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)					
9/21/2024		1					1	1 on 9/22/2024 to be completed on 9/26/2024		1 on 9/23/2024	One item was identified requiring ESC repair/maintenance and com		
9/26/2024	0.6"-2.2" - 12 Hours *A strong storm event with intervals of high intensity short duration rainfall occurred throughout 9/25/2024	2					2	1 on 9/28/2024 to be completed on 10/2/2024 due to saturated conditions	1 on 9/27/2024		Two items were identified requiring ESC repair/maintenance and or request approval due to wet/saturated conditions.		
9/28/2024	0.4" - 2.0" - 24 Hours *A storm event due to remnants of Hurricane Helene with intervals of high intensity/short duration rainfall continued through 9/27/2024	3					3				Three items were identified requiring ESC repair/maintenance and		
							LA	NDOWNER/THIRD PARTY REPORTE	D COMPLAINTS				
DATE OF OBSERVATION		I	NEAREST ROAD OR FE	ATURE				TOTAL NUMBER OBSERVAT	IONS				
DATE OF OBSERVATION				OBSERVATIONS			ENVIRONMEN	TAL AUDITOR FIELD OBSERVATIONS	S AND RECOMMENDA	TIONS	CONCLUSION AND RECOMMENDATIONS		
	The Environmental Auditor conduc	rted site evaluations			/046 MVP-ANC-006 Ir	ndian Cave Boad (CIS/G	(AS) MVP-FR-322 (CIS/GAS)	The Environmental Auditor observ	ed locations where th	e FSC and SWM meas	sures appeared to be installed and functional at the time of the evalu		
9/16/2024	Bar Ridge Road (CIS), and Ramsey	Memorial Road (GAS).					Coordinator (EC), and MVP Environmental staff regarding an observation related to erosion occurring within the right of way due to undermining					
9/24/2024	The Environmental Auditor conduc Church Road (GAS).	ons: House Rock	Road (GAS), Monty Roa	ad (CIS/GAS), Grassy Hi	ll Road (GAS), and Brick	The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at the time of the evalu Environmental staff regarding a recommendation to enhance sediment control measures directly above stream S-II9 where redundant slope issue							
9/26/2024	The Environmental Auditor conducted site evaluations at the following locations: Ramsey Memorial Road (GAS), MVP-FR-321.01 (CIS/GAS), Jacks Creek Road (CIS/GAS), and MVP-FR-320 (CIS/GAS).							The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at the time of the evaluat Environmental staff regarding observations and recommendations related to conducting restabilization activities where vegetative growth is minir blanket (SSB) where the current SSB is degrading. The Environmental Auditor met onsite with the LEI to evaluate S-G13 and the slope to the east where redundant issues have occurred due to runo Environmental Auditor and LEI reviewed potential solutions to minimize upslope runoff and enhance the ESC measures to comply with Section 3.2 Environmental Auditor communicated with the LEI, Chief EI, and MVP Environmental staff regarding the site evaluation and proposed redlines to b Plan redlines submitted on 8/2/2024 not implemented for the slope west of S-G15 and a natural drainage feature where erosion is evident due to to the slope west of S-G15 and a natural drainage feature where erosion is evident due to to the slope west of S-G15 and a natural drainage feature where erosion is evident due to to the slope west of S-G15 and a natural drainage feature where erosion is evident due to to the slope west of S-G15 and a natural drainage feature where erosion is evident due to to the slope west of S-G15 and a natural drainage feature where erosion is evident due to to the slope west of S-G15 and a natural drainage feature where erosion is evident due to to the slope west of S-G15 and a natural drainage feature where erosion is evident due to to the slope west of S-G15 and a natural drainage feature where erosion is evident due to to the slope west of S-G15 and a natural drainage feature where erosion is evident due to to the slope west of S-G15 and a natural drainage feature where erosion is evident due to to the slope west of S-G15 and a natural drainage feature where erosion is evident due to to the slope west of S-G15 and a natural drainage feature where erosion is evident due to to the slope west of S-G15 and a nature drainage feature					
9/16/2024 through The Environmental Auditor communicated with the LEI, EC, Chief EI, and MVP Environmental staff regarding observations related to SWPPP VSIR documentation. The Environmental Auditor communicated with the LEI, EC, Chief EI, and MVP Environmental staff regarding observations related to SWPPP VSIR documentation. The Environmental Auditor communicated with all Spread LEIs on 9/24/2024 regarding the Bi-Weekly reporting period ending on 9/29/2024, Partial Bi-Weekly reporting period ending on 9/20/2024. The Environmental Auditor provided feedback/recommendations on the following: enhancing ESC measures (i.e. SSB) where straw mulch or hydraulic applications are not effective measures per Section 3.2 of the AS&S and ESC requirements due to steep slopes and concentrated flow conditions, and exhibit low functional longevity, and monitor areas where there is minimal to no vegetative growth and conducted restabilization activities as necessary (includes adding additional line and fertilizer). It should be noted that the Environmental Auditor also communicated with the MVP Environmental staff on occasions to consider adding biotic soil amendments where soils exhibit low fertility to assist with developing an organic layer over time. The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe reconclusted with the MVP Environmental staff on occasions to consider adding biotic soil amendments where soils exhibit low fertility to assist with developing and conducted restabilization activities as necessary (includes adding additional line and fertilizer). The Environmental Auditor concludes that ENVPP Inspections meet inspection timeframe reconclusted with the MVP Environmental staff on occasions to consider adding biotic soil amendments where soils exhibit low fertility to assist with developing an organic layer over time.													
								REQUIRED FINDINGS AND CON	CLUSIONS				
		Yes/No						If No, pro	ovide explanation and	recommendation fo	r 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?													
The temporary erosion and properly installed, inspector	d sediment control measures are ed, 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?													

SUMMARY OF OBSERVATIONS

completed within the required timeframe.

d one was completed within the required timeframe. The remaining item received an extension

and have three days to be completed within the required timeframe.

SUMMARY OF OBSERVATIONS

valuation. The Environmental Auditor communicated with the LEI, Chief EI, Environmental ning at a section of compost filter sock.

valuation. The Environmental Auditor communicated with the LEI, Chief EI, EC, and MVP ssues are occurring due to steep topographic conditions.

evaluation. The Environmental Auditor communicated with the LEI, Chief EI, EC, and MVP minimal to none, ESC measures repair/maintenance, and properly installing enhanced soil stabilization

runoff from topographic conditions (draw) and the permanent waterbar end treatments. The on 3.2 of the Annual Standards and Specifications and the ESC/SWM Plan requirements. The es to be developed. The Environmental Auditor also communicated continued concerns regarding ESC ue to the recent rainfall events.

nitoring and installing enhanced ESC measures as needed. Based on the SWPPP, MVP Punchlist ecifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater

MOUNTAIN VALLEY PIPELINE

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SPREAD

ENVIRONMENTAL AUDITOR PARTIAL BI-WEEKLY REPORT - 9/30/2024 (END OF Q3 2024 REPORTING PERIOD)

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

Report Period Ending: 9/30/2024

Report Prepared By: Joe Crea

								SUMMARY OF FINDINGS			
Total Number of SWPPP Ins	spections: 5 conducted on 9/30/2024	(includes Transco Ir	terconnect Station/H	-602/H-603/Layo	down Yards)						
Total Number of Environme	ental Inspector (EI) Erosion and Sedim	nent Control (ESC) O	bservations on 9/30/2	024 (includes Ca	arry Over Items from 9/2	29/2024): 55					
	pections at Laydown Yard 045/046: 0;										
Total Number of VA DEQ O	bservations on 9/30/2024 (includes C	arry Over Items from	n 9/30/2024): 5								
Total Number of Landowne	er/Third Party Reported Complaints: 0)									
Total Number of Right of W	/ay Impacts Caused by Third Parties: C)									
Total Number of Right of W	/ay Impacts Caused by Weather Relate	ed Damage (damage	ed ESC measures from	fallen debris): 0							
Total Number of Off Right o	of Way Impacts: 0										
Total Number of Environme	ental Resource Impacts: 0										
Total Number of ESC Measu	ures in Need of Routine Maintenance	Not Maintained Wi	thin Timeframes Requ	ired by MVP's A	nnual Standards and Sp	ecifications or as Othe	rwise Provided in the Consent I	Decree: 0			
Based on the Environment	al Auditor's observations, the resour	rces available and d	eployed in the field, i	ncluding environ	mental inspectors and	the construction cont	ractor, were sufficient to regu	arly and consistently repair ineffection	ve BMP measures in a	timely manner on 9,	/30/2024.
								CARRY OVER ITEMS FROM 9/29/	2024		
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS				RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	
2/21/2024		1	1				1	1 on 2/22, 2/29, and 4/2/2024 to be completed upon engineer review/redlines			One item was identified as an environmental resource impact a facilities to a natural low point just above the streambank resul streambank. A long term extension request has been approved agency approvals.
2/22/2024		1	1				1	1 on 2/22, 2/29, and 4/2/2024 to be completed upon verification by the VADEQ Aquatic Biologist			One item was identified as an environmental resource impact a facilities to natural low spots and through existing gullies on the required an extension request until an aquatic biologist from th
9/12/2024		1 (VADEQ)					1	1 on 9/13/2024 long term extension to be completed landowner permission			A long term extension request was approved via the VADEQ un
9/18/2024	0.7"-3.5" - 36 Hours *A storm event from a tropical system with intervals of high intensity occurred from 9/17/2024 through 9/18/2024	1					1	1 on 9/21 and 9/26/2024 to be completed on 10/4/2024 due to engineering review/redlines			One item received extension request approvals due to an engin due to concentrated flow conditions.
9/19/2024	0.2"-2.6" - 1.5 Hours *Strong storms with locations receiving high intensity/short duration rainfall occurred late on 9/18/2024	3					3	3 on 9/21 and 9/26/2024 to be completed on 10/4/2024 due to wet conditions and engineering review/redlines			Three items received extension request approvals due to engin topographic conditions and permanent waterbar end treatmen
9/25/2024	0.8"-3.6" - 24 Hours *Strong storm events with heavier intensity within a 12 hour period occurred from 9/24/2024 into 9/25/2024	28					28	15 on 9/27/2024 to be completed on 10/1/2024 due to wet conditions 13 on 9/27 and 9/30/2024 to be completed on 10/4/2024 due to wet conditions		13 on 9/30/2024	Twenty-eight items were identified requiring ESC and SWM rep. extension request approvals due to wet/saturated conditions.
9/26/2024	0.6"-2.2" - 12 Hours * A storm event with intervals of high intensity short duration rainfall occurred throughout 9/25/2024	16 (1 VADEQ item)					16	16 on 9/28/2024 to be completed on 10/2/2024 due to wet conditions			Sixteen remaining items received extension request approvals
9/28/2024	0.4" - 2.0" - 24 Hours *A storm event from remnants of Hurricane Helene with intervals of high intensity/short duration rainfall continued through 9/27/2024	9 (3 VADEQ items)					9	9 on 9/30/2024 to be completed on 10/4/2024 due to wet conditions			Nine items have three days to be completed within the require

SUMMARY OF OBSERVATIONS

t at S-F11 (Blackwater River) requiring streambank repair due to water flowing from the dewatering sulting in the bank sloughing. Sediment caused by the streambank sloughing was removed below the ved by the VADEQ on 2/29/2024 to conduct streambank repairs upon engineer review/redlines and

t at S-C-19 (Maggodee Creek) requiring streambank repair due to water flowing from dewatering the S-C19 streambank. Sediment caused by the streambank erosion was removed. The VADEQ the agency confirms sediment removal and streambank stabilization are adequate.

until landowner permission is granted to conduct repair/maintenance.

gineering review to implement enhanced ESC measures on a slope where redundant issues occurred

ineering reviews to implement enhanced ESC measures where redundant issues are occurring due to ents contributing to concentrated runoff.

epair/maintenance and 13 were completed within the required timeframe. Fifteen items received

als due to wet/saturated conditions.

uired timeframe.

						Ef	NVIRONMENTAL INSPECTOR OBSER	VATIONS					
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT			MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED DATE COMPLETED 24-HOURS THREE DAYS	SUMMARY OF OBSERVATIONS				
VADEQ OBSERVATIONS													
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT		IMPACTS CAUSED	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED DATE COMPLETED 24-HOURS THREE DAYS	SUMMARY OF OBSERVATIONS				
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS													
DATE OF OBSERVATION		Ν	EAREST ROAD OR FEA	ATURE			TOTAL NUMBER OBSERVAT	IONS	SUMMARY OF OBSERVATIONS				
	ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS												
DATE OF OBSERVATION			C	OBSERVATIONS					CONCLUSION AND RECOMMENDATIONS				
								the Lead Environmental Inspector, the Sprea	n timeframe requirements and recommends continued BMP monitoring and installing enhanced ESC measures as needed. Based on the SWPPP, MVP Punchlist ad I 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 CONCL						
		Yes/No					If No, prov	vide explanation and recommendation for c	corrective action (if any).				
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Yes Site Specific ESC and SWM Plans?													
The temporary erosion and properly installed, inspect	d sediment control measures are ed, and maintained?	Yes											
Measures are repaired and	Erosion and Sediment Control d ESC Measures in Need of Routine red within the required timeframes?	Yes											