



Visual Site Inspection Report

Project Name	H-600 Pipeline Spread H	AFE	124300138	Spread	H-600 Pipeline Spread H
Contractor	Precision			Report #	9493
Inspector	Glenn Mike Renfro			Date/Time	10/16/2018 1:12 PM
Permit #	TBD	Inspection Type	VA SWPP	Station Begin	13415+00
State	VA	Inspection Area	Full	Station End	13670+00
County	Franklin	Ground	Wet	Temperature (°F)	64.00
Municipality	N/A	Weather	Cloudy	Rain Gauge (in)	5.00
GPS Location	36.9719343955377, -79.8701934131976			Rain Accumulation Time (days)	4.00
1. Are the approved (stamped) E&S Plan and PCSM Plan present on site?					Yes
2. Are there activities occurring outside of the limits of disturbance shown on the plan drawings? (If yes, notify the MVP Environmental Permitting Coordinator and explain in comments.)					No
3. Is Construction sequence outlined in the construction notes of the E&S plan set or PCSM plan set being followed? (If No, notify MVP Environmental Permitting Coordinator and explain in comments.)					Yes
4. E&S BMPs (List BMPs and note if installed and maintained as per the plan. If corrective action is needed, a picture is required.)					
E&S BMPs	Compliance Level	Corrective Action	Corrective Time Frame	Date Repaired	
Compost Filter Sock	Communication	Maintenance needed			
Housekeeping	Acceptable				
Roadside Ditch	Acceptable				
Silt Fence (Filter Fabric Fence)	Communication	Maintenance needed			
Silt Fence (Reinforced Filter Fabric Fence)	Communication	Maintenance needed			
Rock Construction Entrance	Communication	Maintenance needed			
Sump Pit	Communication	Maintenance needed			
Waterbar	Communication	Maintenance needed			
5. Site Conditions					
Is an unauthorized discharge (such as sediment, gravel, oil, HDD fluid, etc.) occurring to waters, wetlands, or beyond defined limits of disturbance resulting from earth disturbance activity or ineffective BMP? If yes, take a photo and immediately contact MVP Environmental Permitting Coordinator.					No
Have inactive disturbed areas (stockpiles, final grade) been stabilized per state requirements?					Yes
Are slopes 3:1 and greater stabilized with appropriate BMPs as per E&S plans?					Yes
Has a new slip/slide been observed? (If yes, complete Slide Report Form)					No

AFE	124300138	Date/Time	10/16/2018 1:12 PM	Report #	9493
6. PCSM BMPs (List BMPs and note if installed and maintained as per the plan. If corrective action is needed, a picture is required.)					
PCSM BMPs	Compliance Level	Corrective Action	Corrective Time Frame	Date Repaired	
7. Identify all remedial measures that have been taken since the previous inspection was conducted.					
Comments (Reference above questions as appropriate.)					
Performed SWPPP inspection on the Spread H section. The spread has received up to 5" of rainfall in locations. The contractor is currently working on addressing problems caused by the last rain event. All perimeter ECD's were inspected and some potential issues observed along the spread. There were also multiple possible issues with waterbars, sumps and end treatments throughout the spread. The RCE's at House Rock Rd need to be refreshed with new rock. The clean up crew hasn't been unable to make much progress since the last inspection with clean up completed up 13570+00. The reclamation crew has completed hydromulching up to Cahas Mt #2 road crossing, there are a few areas that need to be touched up through his area due to the heavy rain event. All potential issues were added to the punch list and given to the contractor to be addressed.					
Note: It is a condition of National Pollutant Discharge Elimination System and Erosion and Sediment permits that a maintenance program be conducted to provide for the operation and maintenance of all BMPs to be inspected on a weekly basis and after each stormwater event. Please list in the space provided comments to note if repairs or replacement are needed or have been made for BMPs as a result of the inspection. Failure to conduct the required inspection may result in permit suspension or the imposition of civil penalties. If supplemental monitoring is required as part of a permit condition this form may be used to meet those monitoring requirements.					



Visual Site Inspection Report

Project Name	H-600 Pipeline Spread H	AFE	124300138	Spread	H-600 Pipeline Spread H
Contractor	Precision			Report #	9535
Inspector	John Brcic			Date/Time	10/17/2018 6:10 AM
Permit #	TBD	Inspection Type	VA SWPP	Station Begin	12071+00
State	VA	Inspection Area	Partial	Station End	12195+50
County	Montgomery	Ground	Damp	Temperature (°F)	65.00
Municipality	N/A	Weather	Sunny	Rain Gauge (in)	0.10
GPS Location	37.3086091050231, -80.0103024299166			Rain Accumulation Time (days)	1.00
1. Are the approved (stamped) E&S Plan and PCSM Plan present on site?					Yes
2. Are there activities occurring outside of the limits of disturbance shown on the plan drawings? (If yes, notify the MVP Environmental Permitting Coordinator and explain in comments.)					No
3. Is Construction sequence outlined in the construction notes of the E&S plan set or PCSM plan set being followed? (If No, notify MVP Environmental Permitting Coordinator and explain in comments.)					Yes
4. E&S BMPs (List BMPs and note if installed and maintained as per the plan. If corrective action is needed, a picture is required.)					
E&S BMPs		Compliance Level	Corrective Action	Corrective Time Frame	Date Repaired
Silt Fence (Filter Fabric Fence)		Acceptable			
Silt Fence (Reinforced Filter Fabric Fence)		Acceptable			
Compost Filter Sock		Acceptable			
Temporary Diversion Berm		Acceptable			
Sump Pit		Acceptable			
5. Site Conditions					
Is an unauthorized discharge (such as sediment, gravel, oil, HDD fluid, etc.) occurring to waters, wetlands, or beyond defined limits of disturbance resulting from earth disturbance activity or ineffective BMP? If yes, take a photo and immediately contact MVP Environmental Permitting Coordinator.					No
Have inactive disturbed areas (stockpiles, final grade) been stabilized per state requirements?					Yes
Are slopes 3:1 and greater stabilized with appropriate BMPs as per E&S plans?					N/A
Has a new slip/slide been observed? (If yes, complete Slide Report Form)					No

AFE	124300138	Date/Time	10/17/2018 6:10 AM	Report #	9535
6. PCSM BMPs (List BMPs and note if installed and maintained as per the plan. If corrective action is needed, a picture is required.)					
PCSM BMPs	Compliance Level	Corrective Action	Corrective Time Frame	Date Repaired	
7. Identify all remedial measures that have been taken since the previous inspection was conducted. Matt Myers' environmental crew cleaned bridges between access roads MVP-MN-270 and MVP-MN-270.01. They have also seeded and mulched diversion berms and stockpiles between stations 12137+00 and 12150+00. They installed end treatments on sump pits in this same area. The environmental crew cleaned sumps on access road MVP-MN-270. Joe Amua's environmental crew re-installed ECDs on the going away side of Bradshaw Creek which had been damaged by high water.					
Comments (Reference above questions as appropriate.) 12071+00 to 12198+50.....Activities since last SWPPP inspection. The mini pipe gang that has been staging from access road MVP-MN-270 has added on to the pipe section between streams S-MM15 and S-MM14. The blasting crew detonated another charge on the ditch line between stations 12094+00 and 12096+50. The bore crew working at Flatwoods Road completed the conventional bore under the road. A grade crew completed building ROW between stations 12137+00 and 12157+00, and are in various stages of constructing ROW between station 12157+00 and Bradshaw Road. Today, the grade crew built a plunge pool at station 12157+00 at a clean water crossing. Joe Amua's environmental crew re-installed all of the ECDs around the buffer zone on the going away side of Bradshaw Creek where high water had damaged the previous ECDs.					
Note: It is a condition of National Pollutant Discharge Elimination System and Erosion and Sediment permits that a maintenance program be conducted to provide for the operation and maintenance of all BMPs to be inspected on a weekly basis and after each stormwater event. Please list in the space provided comments to note if repairs or replacement are needed or have been made for BMPs as a result of the inspection. Failure to conduct the required inspection may result in permit suspension or the imposition of civil penalties. If supplemental monitoring is required as part of a permit condition this form may be used to meet those monitoring requirements.					

A/E	124300138	Date/Time	10/17/2018 6:10 AM	Report #	9535
Pictures					
					
GPS Location	37.2584355483179, -80.2868466731909		GPS Location	37.2554624034439, -80.2737974748763	
Description	An operator repaired this waterbar at station 12100+00.		Description	The env crew seeded and mulched this subsoil pile at ATWS-MN-701 @ station 12140+00.	
					
GPS Location	37.2554035624836, -80.2738490235808		GPS Location	37.2545672580947, -80.2699845471236	
Description	The env crew installed end treatments on waterbars where the grade crew finished grade, station 12137+00 to 12150+00.		Description	The grade crew installed a plunge pool at station 12157+00, ~MP 230.1, where a clean water crossing will empty.	
					
GPS Location	37.2158060139628, -80.2677497657416		GPS Location	37.2584006796007, -80.2875821013751	
Description	An operator was grading ROW here at station 12168+00, ~MP 230.25~.		Description	An operator from the bore crew was digging a bore pit on the going away side of Bradshaw Road, station 12191+00, ~MP 230.8~.	



AFE	124300138	Date/Time	10/17/2018 8:40 AM	Report #	9550
6. PCSM BMPs (List BMPs and note if installed and maintained as per the plan. If corrective action is needed, a picture is required.)					
PCSM BMPs	Compliance Level	Corrective Action	Corrective Time Frame	Date Repaired	
7. Identify all remedial measures that have been taken since the previous inspection was conducted. Crews have re-installed the proper number of water bars and at the proper heights per the E&S Plan. Crews have installed Sumps and J hooks on the corrected waterbars.					
Comments (Reference above questions as appropriate.) (Summary Spread 10) EI preformed SWPPP Inspection between Webster Corner station 13342+67 to Cahas Mt station 13415+51. The rock approach at Webster's Corner was in good condition. EI observed that several pieces of plywood had been replaced on feature S-IJ1. EI observed a Grade crew stripping topsoil and making RoW cuts between station 13399+69 to station 13403+08. The mat bridge over S-IJ1 station 13413+01 had the sideboards repaired and the mats were clean and closed at both ends. Nothing further was noted during today's inspection					
Note: It is a condition of National Pollutant Discharge Elimination System and Erosion and Sediment permits that a maintenance program be conducted to provide for the operation and maintenance of all BMPs to be inspected on a weekly basis and after each stormwater event. Please list in the space provided comments to note if repairs or replacement are needed or have been made for BMPs as a result of the inspection. Failure to conduct the required inspection may result in permit suspension or the imposition of civil penalties. If supplemental monitoring is required as part of a permit condition this form may be used to meet those monitoring requirements.					







A/E	124300138	Date/Time	10/17/2018 8:40 AM	Report #	9550
Pictures					
DIRECTION NW (T) +37.09280° ACCURACY 16 ft -080.02731° DATUM WGS84  2018-10-17 10:01:18-04:00		DIRECTION NW (T) +37.09291° ACCURACY 16 ft -080.02764° DATUM WGS84  2018-10-17 10:02:20-04:00		GPS Location 37.1039931569594, -80.0434315950424	
Description		13411+83_101718 ECD's on ungraded slope. Looking NW. see photo for gps data.		Description	
DIRECTION SW (T) +37.09303° ACCURACY 16 ft -080.02797° DATUM WGS84  2018-10-17 10:03:39-04:00		DIRECTION S (T) +37.10107° ACCURACY 16 ft -080.03636° DATUM WGS84  2018-10-17 11:46:48-04:00		GPS Location 37.1039931569594, -80.0434315950424	
Description		13413+13_101718 crew installed plywood on holes in bridge mats. Looking NW. See photo for gps data.		Description	
DIRECTION SW (T) +37.09303° ACCURACY 16 ft -080.02797° DATUM WGS84  2018-10-17 10:03:39-04:00		DIRECTION S (T) +37.10107° ACCURACY 16 ft -080.03636° DATUM WGS84  2018-10-17 11:46:48-04:00		GPS Location 37.1039931569594, -80.0434315950424	
Description		13369+72_101718 crew repairing super silt fence from falling tree. Looking S. See photo for gps data.		Description	
DIRECTION NE (T) +37.10161° ACCURACY 16 ft -080.03550° DATUM WGS84  2018-10-17 11:48:24-04:00		DIRECTION S (T) +37.09446° ACCURACY 16 ft -080.03120° DATUM WGS84  2018-10-17 12:29:08-04:00		GPS Location 37.1039931569594, -80.0434315950424	
Description		13372+86_101718 no Clean Water Diversion Berm per landowner request. Looking NE. See photo for gps data.		Description	
DIRECTION NE (T) +37.10161° ACCURACY 16 ft -080.03550° DATUM WGS84 2018-10-17 11:48:24-04:00		DIRECTION S (T) +37.09446° ACCURACY 16 ft -080.03120° DATUM WGS84 2018-10-17 12:29:08-04:00		GPS Location 37.1039931569594, -80.0434315950424	
Description		13403+08_101718 Grade crew striping topsoil and making ROW cuts. Looking S. See photo for gps data.		Description	



Visual Site Inspection Report

Project Name	H-600 Pipeline Spread H	AFE	124300138	Spread	H-600 Pipeline Spread H
Contractor	Precision			Report #	9573
Inspector	Joe Scott			Date/Time	10/17/2018 11:12 AM
Permit #	TBD	Inspection Type	VA SWPP	Station Begin	13024+00
State	VA	Inspection Area	Partial	Station End	13120+17
County	Franklin	Ground	Muddy	Temperature (°F)	65.00
Municipality	N/A	Weather	Sunny	Rain Gauge (in)	0.20
GPS Location	37.1269050892788, -80.117916539386			Rain Accumulation Time (days)	1.00
1. Are the approved (stamped) E&S Plan and PCSM Plan present on site?					Yes
2. Are there activities occurring outside of the limits of disturbance shown on the plan drawings? (If yes, notify the MVP Environmental Permitting Coordinator and explain in comments.)					No
3. Is Construction sequence outlined in the construction notes of the E&S plan set or PCSM plan set being followed? (If No, notify MVP Environmental Permitting Coordinator and explain in comments.)					Yes
4. E&S BMPs (List BMPs and note if installed and maintained as per the plan. If corrective action is needed, a picture is required.)					
E&S BMPs		Compliance Level	Corrective Action	Corrective Time Frame	Date Repaired
Compost Filter Sock		Communication	Needs replaced on FR-291	24 Hours	
Erosion Control Blanket		Acceptable			
Housekeeping		Acceptable			
Rock Construction Entrance		Communication	FR-291 needs additional rock applie	24 Hours	
Waterbar		Acceptable			
Vegetative Stabilization (Temporary)		Acceptable			
Sump Pit		Acceptable			
Straw Bale Barrier		Acceptable			
Silt Fence (Filter Fabric Fence)		Acceptable			
5. Site Conditions					
Is an unauthorized discharge (such as sediment, gravel, oil, HDD fluid, etc.) occurring to waters, wetlands, or beyond defined limits of disturbance resulting from earth disturbance activity or ineffective BMP? If yes, take a photo and immediately contact MVP Environmental Permitting Coordinator.					No
Have inactive disturbed areas (stockpiles, final grade) been stabilized per state requirements?					Yes
Are slopes 3:1 and greater stabilized with appropriate BMPs as per E&S plans?					Yes
Has a new slip/slide been observed? (If yes, complete Slide Report Form)					No

A/E	124300138	Date/Time	10/17/2018 11:12 AM	Report #	9573
6. PCSM BMPs (List BMPs and note if installed and maintained as per the plan. If corrective action is needed, a picture is required.)					
PCSM BMPs	Compliance Level	Corrective Action	Corrective Time Frame	Date Repaired	
7. Identify all remedial measures that have been taken since the previous inspection was conducted.					
Comments (Reference above questions as appropriate.)					
<p>Attended the MVP inspectors morning meeting at 6:30 am. Met with lead EI and discussed activities for the day. Traveled to access road FR-289 and reported the rainfall total in the rain gauge. 0.2"</p> <p>Met with environmental crew and discussed their plans for the day. The crew was performing maintenance where needed on the ROW. The Dewatering structure for the S-H1 area has several hay bales missing from the structure. The Tie-in crew was made aware that they could not use the structure until the structure was complete.</p> <p>At S-G24 and S-G25 Reuben Carrillo's crew was removing water bars and barrier ECD's in the travel lane to weld a plate to the loose end at 13023+00. No impacts or deficiencies were observed. At S-G26 and S-G27 no work was performed in this area except for the travel lane that was cut open through the water bars on the CIS. No impacts or deficiencies were observed in this area.</p>					
Note: It is a condition of National Pollutant Discharge Elimination System and Erosion and Sediment permits that a maintenance program be conducted to provide for the operation and maintenance of all BMPs to be inspected on a weekly basis and after each stormwater event. Please list in the space provided comments to note if repairs or replacement are needed or have been made for BMPs as a result of the inspection. Failure to conduct the required inspection may result in permit suspension or the imposition of civil penalties. If supplemental monitoring is required as part of a permit condition this form may be used to meet those monitoring requirements.					







AFE	124300138	Date/Time	10/17/2018 11:12 AM	Report #	9573		
Pictures							
<div><div>Date & Time: Wed, Oct 17, 2018, 10:17:12 EDT 13065+00 ECD's and BMP's in place and functional</div></div>			<div><div>Date & Time: Wed, Oct 17, 2018, 10:24:22 EDT 13069+00 no observed impacts or deficiencies near S-G27</div></div>				
GPS Location		37.1269023232508, -80.1179285255076		GPS Location		37.1267944900665, -80.1179079898448	
Description		All ECD's and water bars appeared to be within specification and no impacts were observed.		Description		No impacts were observed near S-G27	
<div><div>Date & Time: Wed, Oct 17, 2018, 10:26:22 EDT 13066+00 no observed impacts or deficiencies near S-G26</div></div>			<div><div>Date & Time: Wed, Oct 17, 2018, 10:26:22 EDT 13067+00 no observed impacts or deficiencies near S-G27</div></div>				
GPS Location		37.1268721064898, -80.1179231610895		GPS Location		37.1268538758504, -80.1179290284217	
Description		No impacts and no deficiencies were observed near S-G26 13062+00		Description		Tie-in crew working on tie-in to creek section. No deficiencies were observed here.	
<div><div>Date & Time: Wed, Oct 17, 2018, 10:26:22 EDT 13064+00 cracks along fill slope caused by equipment track close to the edge, were compacted with a trac-hoe and then the area</div></div>			<div><div>Date & Time: Wed, Oct 17, 2018, 10:26:22 EDT 13062+00 silt against soil removed</div></div>				
GPS Location		37.1268410934481, -80.1179224067182		GPS Location		37.1269109147015, -80.1113843546064	
Description		Cracks on edge of fill slope caused by equipment track close to the edge, were compacted with a trac-hoe and then the area		Description		SSF was damaged while cleaning silt away and was replaced today.	



Visual Site Inspection Report

Project Name	H-600 Pipeline Spread H	AFE	124300138	Spread	H-600 Pipeline Spread H
Contractor	Precision			Report #	9578
Inspector	Dennis Evans			Date/Time	10/17/2018 5:10 PM
Permit #	TBD	Inspection Type	VA SWPP	Station Begin	12993+15
State	VA	Inspection Area	Partial	Station End	13024+06
County	Roanoke	Ground	Damp	Temperature (°F)	59.00
Municipality	N/A	Weather	Sunny	Rain Gauge (in)	0.00
GPS Location	37.1916714683521, -80.1572371368112			Rain Accumulation Time (days)	1.00
1. Are the approved (stamped) E&S Plan and PCSM Plan present on site?					Yes
2. Are there activities occurring outside of the limits of disturbance shown on the plan drawings? (If yes, notify the MVP Environmental Permitting Coordinator and explain in comments.)					No
3. Is Construction sequence outlined in the construction notes of the E&S plan set or PCSM plan set being followed? (If No, notify MVP Environmental Permitting Coordinator and explain in comments.)					Yes
4. E&S BMPs (List BMPs and note if installed and maintained as per the plan. If corrective action is needed, a picture is required.)					
E&S BMPs	Compliance Level	Corrective Action	Corrective Time Frame	Date Repaired	
Compost Filter Sock	Acceptable				
Housekeeping	Acceptable				
Rock Construction Entrance	Communication				
Rock Filter Outlet	Acceptable				
Silt Fence (Filter Fabric Fence)	Acceptable				
Silt Fence (Reinforced Filter Fabric Fence)	Acceptable				
Straw Bale Barrier	Acceptable				
Temporary Diversion Berm	Acceptable				
Waterbar	Acceptable				
5. Site Conditions					
Is an unauthorized discharge (such as sediment, gravel, oil, HDD fluid, etc.) occurring to waters, wetlands, or beyond defined limits of disturbance resulting from earth disturbance activity or ineffective BMP? If yes, take a photo and immediately contact MVP Environmental Permitting Coordinator.					No
Have inactive disturbed areas (stockpiles, final grade) been stabilized per state requirements?					Yes
Are slopes 3:1 and greater stabilized with appropriate BMPs as per E&S plans?					N/A
Has a new slip/slide been observed? (If yes, complete Slide Report Form)					No

AFE	124300138	Date/Time	10/17/2018 5:10 PM	Report #	9578
6. PCSM BMPs (List BMPs and note if installed and maintained as per the plan. If corrective action is needed, a picture is required.)					
PCSM BMPs	Compliance Level	Corrective Action	Corrective Time Frame	Date Repaired	
7. Identify all remedial measures that have been taken since the previous inspection was conducted.					
Comments (Reference above questions as appropriate.)					
<p>Summary SP 10: I performed a SWPPP inspection today from sta:#12993+15 to sta:#13024+06, MP 246.0 to MP 246.5. From sta:#12993+15 to sta:#13012+40, the ROW has been temporarily seeded, mulched, and is still stabilized from hurricane Florence storm preventive measures. The wetland W-B24-PSS at Sta:#12993+15 is stabilized at this time, and all P1SF is in compliance. All SSF, 12" CFS, P1SF, water bars, and water bar sumps are functioning at this time. The RCE off of HWY 221 needs to be roughed at this time. All sub soil, top soil and temporary clean water diversion berms are seeded and mulched at this time. The port-a-toilets are secured. At sta:#13009+00, cattle drinking water, CWD area, and the drain tile are flowing clean and clear at this time. Precision is waiting on permission to go outside of the LOD and return rock, and debris back onto the BRP ROW at the cattle drinking water pool, caused by flooding conditions from Hurricane Michael rain fall. All ECDs have been repaired at sta:#13009+00 at this time. From sta:#13013+00 to sta:#13024+06, all SSF, 12" CFS, P1SF, water bars and sumps are functioning at this time. Temporary clean water diversion berm is seeded, mulched, and stabilized at this time. The side slope from sta:#13019+20 to sta:#13023+00 is stabilized, and the slip on the false fill side slope, is holding at this time. The SSF has been repaired, and is functioning at this time. Precision is also waiting on drier working conditions so the water bars can be removed, and reinstalled as the ground is to saturated to put any equipment on the ROW at this time. Also at Sta:#13018+80 the clean water diversion berm washed out a 10' space, but can be repaired with a track hoe when drier weather permits use of mechanical dirt equipment. At sta:#13023+30, the 24" CWD pipe is functioning, and the water flowing into the plunge pool outlet is flowing clean and clear. The plunge pool outlet is exiting off of the ROW flowing clean and clear at this time. At Sta:#13024+06 streams S-G24 & S-G25 are flowing clean and clear. All water bars and down hill slopes have been curlexed. The ROW has been temporarily seeded, mulched, and stabilized.</p>					
Note: It is a condition of National Pollutant Discharge Elimination System and Erosion and Sediment permits that a maintenance program be conducted to provide for the operation and maintenance of all BMPs to be inspected on a weekly basis and after each stormwater event. Please list in the space provided comments to note if repairs or replacement are needed or have been made for BMPs as a result of the inspection. Failure to conduct the required inspection may result in permit suspension or the imposition of civil penalties. If supplemental monitoring is required as part of a permit condition this form may be used to meet those monitoring requirements.					

A/E	124300138	Date/Time	10/17/2018 5:10 PM	Report #	9578
Pictures					
<p>Date & Time: Wed, Oct 17, 2018, 12:50:09 EDT Position: 037.128539° N / 080.130645° W Altitude: 2643ft Datum: WGS-84 Azimuth/Bearing: 289° N71W 5138mils (True) Elevation Angle: +18.2 Horizon Angle: +02.4 Zoom: 1X Sta:#12993+15 W-B24-PSS stabilized</p> 		<p>Date & Time: Wed, Oct 17, 2018, 12:55:29 EDT Position: 037.128656° N / 080.130622° W Altitude: 2650ft Datum: WGS-84 Azimuth/Bearing: 102° S76E 1820mils (True) Elevation Angle: -05.8 Horizon Angle: +01.2 Zoom: 1X Sta:#12994+02 Hwy 221 ROW crossing stabilized</p> 			
GPS Location	37.1285725431863, -80.1306057349594	GPS Location	37.1286526741806, -80.1305992808939		
Description	Sta:#12993+15 W-B24-PSS stabilized	Description	Sta:#12994+02 Hwy 221 ROW crossing stabilized		
<p>Date & Time: Wed, Oct 17, 2018, 13:43:27 EDT Position: 037.126000° N / 080.125032° W Altitude: 2010ft Datum: WGS-84 Azimuth/Bearing: 302° M33W 2380mils (True) Elevation Angle: +13.5 Horizon Angle: +01.2 Zoom: 1X Sta:#13012+40 looking West onto the BRP</p> 		<p>Date & Time: Wed, Oct 17, 2018, 13:50:00 EDT Position: 037.126108° N / 080.125034° W Altitude: 2010ft Datum: WGS-84 Azimuth/Bearing: 102° S10E 2880mils (True) Elevation Angle: -05.5 Horizon Angle: +00.3 Zoom: 1X Sta:#13012+90 looking East onto the BRP</p> 			
GPS Location	37.1260040765974, -80.1252574101837	GPS Location	37.126088943367, -80.1250466053189		
Description	Sta:#13012+40 looking West onto the BRP	Description	Sta:#13012+90 looking East onto the BRP		
<p>Date & Time: Wed, Oct 17, 2018, 13:32:46 EDT Position: 037.125530° N / 080.122077° W Altitude: 2650ft Datum: WGS-84 Azimuth/Bearing: 089° N80E 1922mils (True) Elevation Angle: +14.7 Horizon Angle: +02.5 Zoom: 1X Sta:#13022+00 looking East CWD inlet</p> 		<p>Date & Time: Wed, Oct 17, 2018, 13:41:01 EDT Position: 037.125588° N / 080.121669° W Altitude: 2650ft Datum: WGS-84 Azimuth/Bearing: 093° N83E 0699mils (True) Elevation Angle: +16.31 Horizon Angle: +01.7 Zoom: 1X Sta:#13023+50 CWD plunge pool flowing along with CWD</p> 			
GPS Location	37.2801077367923, -80.0284782776667	GPS Location	37.2801077367923, -80.0284782776667		
Description	Sta:#13022+00 CWD berm and 24" CWD inlet. See photo for accurate coordinates.	Description	Sta:#13023+50 CWD plunge pool outlet. See photo for accurate coordinates.		



Visual Site Inspection Report

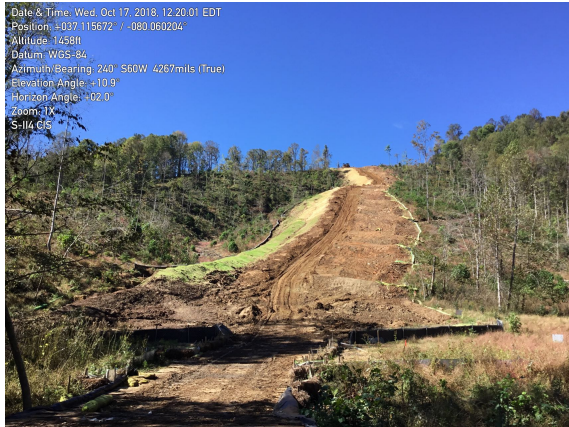





Project Name	H-600 Pipeline Spread H	AFE	124300138	Spread	H-600 Pipeline Spread H
Contractor	Precision			Report #	9615
Inspector	Dawn McCullough			Date/Time	10/17/2018 6:41 PM
Permit #	TBD	Inspection Type	VA SWPP	Station Begin	13188+66
State	VA	Inspection Area	Partial	Station End	13342+32
County	Franklin	Ground	Damp	Temperature (°F)	65.00
Municipality	N/A	Weather	Sunny	Rain Gauge (in)	0.10
GPS Location	37.2934509934584, -80.0559546027748			Rain Accumulation Time (days)	1.00

1. Are the approved (stamped) E&S Plan and PCSM Plan present on site? Yes
2. Are there activities occurring outside of the limits of disturbance shown on the plan drawings? (If yes, notify the MVP Environmental Permitting Coordinator and explain in comments.) No
3. Is Construction sequence outlined in the construction notes of the E&S plan set or PCSM plan set being followed? (If No, notify MVP Environmental Permitting Coordinator and explain in comments.) Yes
4. **E&S BMPs** (List BMPs and note if installed and maintained as per the plan. If corrective action is needed, a picture is required.)

E&S BMPs	Compliance Level	Corrective Action	Corrective Time Frame	Date Repaired
Compost Filter Sock	Communication			
Erosion Control Blanket	Acceptable			
Rock Construction Entrance	Communication			
Sensitive Resource Buffer	Acceptable			
Sensitive Resource Signage	Acceptable			
Silt Fence (Filter Fabric Fence)	Acceptable			
Silt Fence (Reinforced Filter Fabric Fence)	Acceptable			
Sump Pit	Acceptable			
Waterbar	Communication			

5. Site Conditions	
Is an unauthorized discharge (such as sediment, gravel, oil, HDD fluid, etc.) occurring to waters, wetlands, or beyond defined limits of disturbance resulting from earth disturbance activity or ineffective BMP? If yes, take a photo and immediately contact MVP Environmental Permitting Coordinator.	No
Have inactive disturbed areas (stockpiles, final grade) been stabilized per state requirements?	Yes
Are slopes 3:1 and greater stabilized with appropriate BMPs as per E&S plans?	Yes
Has a new slip/slide been observed? (If yes, complete Slide Report Form)	No

A/E	124300138	Date/Time	10/17/2018 6:41 PM	Report #	9615
6. PCSM BMPs (List BMPs and note if installed and maintained as per the plan. If corrective action is needed, a picture is required.)					
PCSM BMPs	Compliance Level	Corrective Action	Corrective Time Frame	Date Repaired	
7. Identify all remedial measures that have been taken since the previous inspection was conducted. Maintenance to ECDs, reworked waterbars and sumps, installed outlets where needed.					
Comments (Reference above questions as appropriate.) Attended morning inspectors meeting for Spread H. Discussed daily tasks with EI team. Performed SWPPP inspection from Sta. No. 13185+40 to Sta. No. 13342+32. ECDs functioning acceptably, with some post storm maintenance required. Waterbar maintenance in progress from Sta. No. 13263+45 to ~ Sta. No. 13330+00. Waterbar at Sta. No. 13234+18 needs to be reworked, berm and channel does not meet the minimum specifications. Soil piles near approximate Sta. No. 13218+53 need stabilized. No stream issues noted at S-D8, S-II4, S-GH7, S-GH15, or S-GH14. Bridge crossing of S-II4 in the process of being repaired. Road crossings at Dillon's Mill, Flanders, and Wade's Gap were acceptable. Contractor adding rock to GAS of Flanders. No additional environmental issues noted during this inspection period.					
Note: It is a condition of National Pollutant Discharge Elimination System and Erosion and Sediment permits that a maintenance program be conducted to provide for the operation and maintenance of all BMPs to be inspected on a weekly basis and after each stormwater event. Please list in the space provided comments to note if repairs or replacement are needed or have been made for BMPs as a result of the inspection. Failure to conduct the required inspection may result in permit suspension or the imposition of civil penalties. If supplemental monitoring is required as part of a permit condition this form may be used to meet those monitoring requirements.					

A/E	124300138	Date/Time	10/17/2018 6:41 PM	Report #	9615
Pictures					
<p>Date & Time: Wed, Oct 17, 2018, 12:20:01 EDT Position: +037.115672 / -080.060204 Altitude: 1458ft Datum: WGS-84 Azimuth/Bearing: 249.560W 4267mils (True) Elevation Angle: +10.9° Horizon Angle: +02.0° Zoom: 1X S-II4 CIS</p> 		<p>Date & Time: Tue, Oct 16, 2018, 13:16:33 EDT Position: +037.119368 / -080.065603 Altitude: 1998ft Datum: WGS-84 Azimuth/Bearing: 211.531W 1251mils (True) Elevation Angle: +01.1° Horizon Angle: +01.1° Zoom: 1X 13236+18</p> 			
GPS Location	37.326114676331, -80.028565905646		GPS Location	37.2356177866806, -80.2295810916277	
Description	Please see photo for coordinates. Sta. No. 13285+74, CIS of S-II4.		Description	Please see photo for coordinates. ~Sta. No. 13233+18, waterbar needs repair.	
<p>Date & Time: Tue, Oct 16, 2018, 14:15:07 EDT Position: +037.115549 / -080.064020 Altitude: 1755ft Datum: WGS-84 Azimuth/Bearing: 123.557E 2187mils (True) Elevation Angle: -32.6° Horizon Angle: +00.7° Zoom: 1X P1 CIS Flanders</p> 		<p>Date & Time: Wed, Oct 17, 2018, 12:26:01 EDT Position: +037.115949 / -080.063914 Altitude: 1595ft Datum: WGS-84 Azimuth/Bearing: 163.518E 2083mils (True) Elevation Angle: -11.3° Horizon Angle: +00.9° Zoom: 1X 13279+00</p> 			
GPS Location	37.2356177866806, -80.2295810916277		GPS Location	37.2356177866806, -80.2295810916277	
Description	Please see photo for coordinates. Sta. No. 13250+00, CIS of S-II4, soil piles stabilized.		Description	Please see photo for coordinates. ~Sta. No. 13279+00, soil piles stabilized, outlets functioning acceptably.	
<p>Date & Time: Wed, Oct 17, 2018, 13:14:00 EDT Position: +037.108233 / -080.052204 Altitude: 1491ft Datum: WGS-84 Azimuth/Bearing: 165.515E 2933mils (True) Elevation Angle: -17.4° Horizon Angle: +01.4° Zoom: 1X CIS S-GH7</p> 		<p>Date & Time: Wed, Oct 17, 2018, 13:01:41 EDT Position: +037.110513 / -080.053816 Altitude: 1562ft Datum: WGS-84 Azimuth/Bearing: 160.520E 2844mils (True) Elevation Angle: -11.2° Horizon Angle: +00.8° Zoom: 1X 13291+50</p> 			
GPS Location	37.2356177866806, -80.2295810916277		GPS Location	37.2356177866806, -80.2295810916277	
Description	Please see photo for coordinates. ~Sta. No. 13300+00, soil piles stabilized, outlets functioning acceptably.		Description	Please see photo for coordinates. ~Sta. No. 13291+50, waterbars installed acceptably, with travel lane out for daytime activities.	



Visual Site Inspection Report







Project Name	H-600 Pipeline Spread H	AFE	124300138	Spread	H-600 Pipeline Spread H
Contractor	Precision			Report #	9745
Inspector	Randy Clark			Date/Time	10/17/2018 5:00 PM
Permit #	TBD	Inspection Type	VA SWPP	Station Begin	12190+85
State	VA	Inspection Area	Partial	Station End	12450+00
County	Montgomery	Ground	Damp	Temperature (°F)	70.00
Municipality	N/A	Weather	Cloudy	Rain Gauge (in)	0.00
GPS Location	37.23567583136, -80.2295642440023			Rain Accumulation Time (days)	1.00

- | | |
|---|-----|
| 1. Are the approved (stamped) E&S Plan and PCSM Plan present on site? | Yes |
| 2. Are there activities occurring outside of the limits of disturbance shown on the plan drawings? (If yes, notify the MVP Environmental Permitting Coordinator and explain in comments.) | No |
| 3. Is Construction sequence outlined in the construction notes of the E&S plan set or PCSM plan set being followed? (If No, notify MVP Environmental Permitting Coordinator and explain in comments.) | Yes |
| 4. E&S BMPs (List BMPs and note if installed and maintained as per the plan. If corrective action is needed, a picture is required.) | |

E&S BMPs	Compliance Level	Corrective Action	Corrective Time Frame	Date Repaired

5. Site Conditions	
Is an unauthorized discharge (such as sediment, gravel, oil, HDD fluid, etc.) occurring to waters, wetlands, or beyond defined limits of disturbance resulting from earth disturbance activity or ineffective BMP? If yes, take a photo and immediately contact MVP Environmental Permitting Coordinator.	No
Have inactive disturbed areas (stockpiles, final grade) been stabilized per state requirements?	Yes
Are slopes 3:1 and greater stabilized with appropriate BMPs as per E&S plans?	Yes
Has a new slip/slide been observed? (If yes, complete Slide Report Form)	No

A/E	124300138	Date/Time	10/17/2018 5:00 PM	Report #	9745
6. PCSM BMPs (List BMPs and note if installed and maintained as per the plan. If corrective action is needed, a picture is required.)					
PCSM BMPs	Compliance Level	Corrective Action	Corrective Time Frame	Date Repaired	
7. Identify all remedial measures that have been taken since the previous inspection was conducted. Environmental crews have installed perimeter ECD's, grade crews have installed water bars and end treatments, and maintenance of access roads.					
Comments (Reference above questions as appropriate.) Spread 9, Went to access road MVP-MN-276.03 to perform a SWPP of the area between STA#12190+85-12450+00. During my inspection I inspected all ECDs, access roads, and road approaches. There were crews working in the area grading ROW and installing additional ECDs behind the grading activities. Went to access road MVP-MLV-AR-27 to continue my SWPP inspection. In this area clearing activities were being performed and the environmental crew in the area was installing ECDs and performing maintenance on the access roads. Went to Lafayette Rd where clearing activities were being performed. At Access Rd MVP-MN-277.03 there has been two port-o-potties installed.					
Note: It is a condition of National Pollutant Discharge Elimination System and Erosion and Sediment permits that a maintenance program be conducted to provide for the operation and maintenance of all BMPs to be inspected on a weekly basis and after each stormwater event. Please list in the space provided comments to note if repairs or replacement are needed or have been made for BMPs as a result of the inspection. Failure to conduct the required inspection may result in permit suspension or the imposition of civil penalties. If supplemental monitoring is required as part of a permit condition this form may be used to meet those monitoring requirements.					

A/E	124300138	Date/Time	10/17/2018 5:00 PM	Report #	9745
Pictures					
					
GPS Location	37.2357106871062, -80.2296034696044	GPS Location	37.2357104809615, -80.2296042665625		
Description	12234+06 buggy preparing for topsoil stabilization.	Description	12430+72 Rock construction entrance		
					
GPS Location	37.2357314452876, -80.2296847757699	GPS Location	37.2357314452876, -80.2296847757699		
Description	MVP-MLV-27 top soiled travel lane on access road and performed stabilization.	Description	12378+84 crew installing super silt fence erosion control devices.		
					
GPS Location	37.2357065929447, -80.2295888029786	GPS Location	37.2357093876505, -80.2296029029034		
Description	12236+71 stabilized topsoil pile.	Description	MVP-MN-277.03 port-o-potty location.		



Visual Site Inspection Report

Project Name	H-600 Pipeline Spread H	AFE	124300138	Spread	H-600 Pipeline Spread H
Contractor	Precision			Report #	9748
Inspector	Randy Clark			Date/Time	10/17/2018 5:00 PM
Permit #	TBD	Inspection Type	VA SWPP	Station Begin	12450+00
State	VA	Inspection Area	Partial	Station End	12452+00
County	Montgomery	Ground	Damp	Temperature (°F)	70.00
Municipality	N/A	Weather	Cloudy	Rain Gauge (in)	0.00
GPS Location	37.2357016895313, -80.2295808401706			Rain Accumulation Time (days)	1.00

- | | |
|---|-----|
| 1. Are the approved (stamped) E&S Plan and PCSM Plan present on site? | Yes |
| 2. Are there activities occurring outside of the limits of disturbance shown on the plan drawings?
(If yes, notify the MVP Environmental Permitting Coordinator and explain in comments.) | No |
| 3. Is Construction sequence outlined in the construction notes of the E&S plan set or PCSM plan set being followed? (If No, notify MVP Environmental Permitting Coordinator and explain in comments.) | Yes |
| 4. E&S BMPs (List BMPs and note if installed and maintained as per the plan. If corrective action is needed, a picture is required.) | |

E&S BMPs	Compliance Level	Corrective Action	Corrective Time Frame	Date Repaired

5. Site Conditions	
Is an unauthorized discharge (such as sediment, gravel, oil, HDD fluid, etc.) occurring to waters, wetlands, or beyond defined limits of disturbance resulting from earth disturbance activity or ineffective BMP? If yes, take a photo and immediately contact MVP Environmental Permitting Coordinator.	No
Have inactive disturbed areas (stockpiles, final grade) been stabilized per state requirements?	Yes
Are slopes 3:1 and greater stabilized with appropriate BMPs as per E&S plans?	Yes
Has a new slip/slide been observed? (If yes, complete Slide Report Form)	No

A/E	124300138	Date/Time	10/17/2018 5:00 PM	Report #	9748
6. PCSM BMPs (List BMPs and note if installed and maintained as per the plan. If corrective action is needed, a picture is required.)					
PCSM BMPs	Compliance Level	Corrective Action	Corrective Time Frame	Date Repaired	
7. Identify all remedial measures that have been taken since the previous inspection was conducted. N/A					
Comments (Reference above questions as appropriate.) Spread 10, Went to Cove hollow Rd to perform a SWPP of the disturbed are and the ECDs that have been put in place. There has been no activity in this area since the last inspection and all ECDs and RCEs are in great condition.					
Note: It is a condition of National Pollutant Discharge Elimination System and Erosion and Sediment permits that a maintenance program be conducted to provide for the operation and maintenance of all BMPs to be inspected on a weekly basis and after each stormwater event. Please list in the space provided comments to note if repairs or replacement are needed or have been made for BMPs as a result of the inspection. Failure to conduct the required inspection may result in permit suspension or the imposition of civil penalties. If supplemental monitoring is required as part of a permit condition this form may be used to meet those monitoring requirements.					

A/E	124300138	Date/Time	10/17/2018 5:00 PM	Report #	9748
Pictures					
					
GPS Location	37.2356620850388, -80.2295719553532	GPS Location	37.2356620850388, -80.2295719553532		
Description	12450+55 rock construction entrance off of Cove Hollow Road.	Description	12450+60 priority one silt fence and safety fence along Cove Hollow Road.		
					
GPS Location	37.2357105743487, -80.2295812592658	GPS Location	37.2357624164198, -80.2295834385606		
Description	12451+50 Rock construction entrance off of Cove Hollow Drive.	Description	12451+50 port-o-potties tied down and secure.		
					
GPS Location	37.2357624164198, -80.2295834385606	GPS Location	37.2356456565086, -80.2294878010454		
Description	12451+50 stabilized topsoil pile.	Description	12451+00 stabilized topsoil pile on prior unapproved variance disturbance area.		



Visual Site Inspection Report

Project Name	H-600 Pipeline Spread H	AFE	124300138	Spread	H-600 Pipeline Spread H
Contractor	Precision			Report #	9750
Inspector	Randy Clark			Date/Time	10/17/2018 5:00 PM
Permit #	TBD	Inspection Type	VA SWPP	Station Begin	12005+00
State	VA	Inspection Area	Partial	Station End	12072+00
County	Montgomery	Ground	Damp	Temperature (°F)	70.00
Municipality	N/A	Weather	Cloudy	Rain Gauge (in)	0.00
GPS Location	37.2357137067061, -80.2295976785352			Rain Accumulation Time (days)	1.00
1. Are the approved (stamped) E&S Plan and PCSM Plan present on site?					Yes
2. Are there activities occurring outside of the limits of disturbance shown on the plan drawings? (If yes, notify the MVP Environmental Permitting Coordinator and explain in comments.)					No
3. Is Construction sequence outlined in the construction notes of the E&S plan set or PCSM plan set being followed? (If No, notify MVP Environmental Permitting Coordinator and explain in comments.)					Yes
4. E&S BMPs (List BMPs and note if installed and maintained as per the plan. If corrective action is needed, a picture is required.)					
E&S BMPs		Compliance Level	Corrective Action	Corrective Time Frame	Date Repaired
5. Site Conditions					
Is an unauthorized discharge (such as sediment, gravel, oil, HDD fluid, etc.) occurring to waters, wetlands, or beyond defined limits of disturbance resulting from earth disturbance activity or ineffective BMP? If yes, take a photo and immediately contact MVP Environmental Permitting Coordinator.					No
Have inactive disturbed areas (stockpiles, final grade) been stabilized per state requirements?					Yes
Are slopes 3:1 and greater stabilized with appropriate BMPs as per E&S plans?					Yes
Has a new slip/slide been observed? (If yes, complete Slide Report Form)					No

AFE	124300138	Date/Time	10/17/2018 5:00 PM	Report #	9750
6. PCSM BMPs (List BMPs and note if installed and maintained as per the plan. If corrective action is needed, a picture is required.)					
PCSM BMPs	Compliance Level	Corrective Action	Corrective Time Frame	Date Repaired	
7. Identify all remedial measures that have been taken since the previous inspection was conducted. The following mitigation measures were performed since the last SWPPP inspection: -Road base material was cleaned up from off-ROW adjacent to MVP-MN-268.0 -Super silt fence at 12030+50 was repaired, straightened, tightened and keyed-in. -The bridge over SG36 on MVP-MN-268.01 was reconstructed -The sumps at 12049+00, 12057+50, 12065+30 and 12065+70 were cleaned out					
Comments (Reference above questions as appropriate.) Spread 9 Summary: The following items were observed during this SWPPP inspection and should be addressed: -The CFS j-hook located at 12020+00 should be repaired. -The curlex located on the east side of S-G36 at the ROW crossing was pushed out of place by the recent high water. This area should be re-seeded and the curlex should be replaced. Current activities: PPLs tie in crew (Zane Hudson – foreman) continue to pad and backfilled from 12038+00 to 12039+00, make tie in welds at about 12044+00 and construct trench breakers from 12041+00 to 12042+00. They may reconstruct the plunge pools at about 12037+75. Tim Neal (UI) observed the activities performed by Zane’s crew. PPLs tie in crew (Todd Larsen – foreman) continued to work on the tie in welds at about 12025+50. According to Todd, the ROW surface was too wet to safely operate equipment on the slope from 12028+00 to 12030+50. Cody Benally (UI) observed the activities performed by Todd’s crew.					
Note: It is a condition of National Pollutant Discharge Elimination System and Erosion and Sediment permits that a maintenance program be conducted to provide for the operation and maintenance of all BMPs to be inspected on a weekly basis and after each stormwater event. Please list in the space provided comments to note if repairs or replacement are needed or have been made for BMPs as a result of the inspection. Failure to conduct the required inspection may result in permit suspension or the imposition of civil penalties. If supplemental monitoring is required as part of a permit condition this form may be used to meet those monitoring requirements.					

AFE	124300138	Date/Time	10/17/2018 5:00 PM	Report #	9750
Pictures					
					
GPS Location	37.2357084538592, -80.2296165675766		GPS Location	37.2357121740107, -80.2295978777013	
Description	Photo shows the curled and bare soils on the east side of S-G36		Description	Photo shows the J-hook at station 12020+00 CFS should be installed as detailed.	
					
GPS Location	37.2357500950221, -80.229531722218		GPS Location	37.2357500950221, -80.229531722218	
Description	Photo shows the general condition of the bridge over S-G38		Description	Photo shows the ECD's installed along the bridge over S-G36 on MVP-MN-268.01	
					
GPS Location	37.235711857254, -80.2295987679843		GPS Location	37.2357117639264, -80.2295991572457	
Description	Photo shows the general condition of S-PP23		Description	Photo shows the general conditions at S-G40	