








Visual Site Inspection Report

Project Name	H-600 Pipeline Spread H	AFE	124300138	Spread	H-600 Pipeline Spread H
Contractor	Precision			Report #	4841
Inspector	John Brcic			Date/Time	7/19/2018 11:22 AM
Permit #	TBD	Inspection Type	VA SWPP	Station Begin	12005+00
State	VA	Inspection Area	Partial	Station End	12071+80
County	Montgomery	Ground	Dry	Temperature (°F)	80.00
Municipality	N/A	Weather	Sunny	Rain Gauge (in)	0.00
GPS Location	37.2688045911838, -80.3146743402633			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	
Dewatering Work Area		Communication	Add CFS, turbidity curtain	Addressed	
Water Deflector		Communication	Add one at pump around outflow	Addressed	
Water Deflector		Communication	Build one at pump around outflow	Addressed	
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

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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	
7. Identify all remedial measures that have been taken since the previous inspection was conducted.					
<p>Punchlist items were completed. Retaining walls were built with timber mats to prevent rock from rolling into streams S-G39 and S-G40 during activities on the steep slopes. Fill slope drains were installed between station 12024+00 and 12025+50 to prevent water from running off the waterbars and down the steep slope and causing erosion.</p>					
Comments (Reference above questions as appropriate.)					
<p>Station 12005+00 to 12071+80.....Activities since last SWPPP. Crews continued with E&S maintenance and completing punchlist items. A fish relocation crew from ESI was on site at stream S-G36 to trap and relocate fish downstream from the crossing area in preparation for the open cut of the stream. Yesterday, 7/18, the pump around was set up and a blasting crew set off a charge across the stream bed at 7:00 PM. Today, the tie in crew ditched through the stream and lowered in the section of pipe. Pipe has also been lowered into the ditch between streams S-G36 and S-G38 from station 12010+00 to 12014+00. A grade crew installed retaining walls in three locations as a preventative measure to keep rock and debris from rolling off steep hills and into streams S-G39 and S-G40. After installation of the retaining walls, operators graded down the steep knob between streams S-G39 and S-G40. In this area, the DEQ released the ROW for forward progress from station 12023+00 to 12026+00, and 12036+00 to 12071+80.</p> <p>The tie in crew at stream S-G36 began ditching through the stream bed this morning at approximately 7:00 AM. There were two track hoe operators starting in the middle and working outwards. Other operators were relaying material away from the stream. At approximately 9:15 I was alerted by an MBP, DEQ 3rd party inspector that silt laden water was exiting the pump around outlet. Water was running downhill from where wet spoil was being stored and entering the stream near the intake. Precision operators remedied the situation by building a berm preventing the stained water from migrating to the stream flow. A native stone energy dissipater was also constructed with material from the stream bed per request of DEQ. Stained water was also discovered to be entering the stream in water flowing from the dewatering structure. Precision environmental installed three runs of CFS around the outflow side of the dewatering structure and another turbidity curtain downstream from where this water reached the stream. The tie in crew lowered in the section of pipe through the stream at approximately 5:00 PM. Sand was hauled in to pad pipe begin pipe padding activities, but was consumed quickly and they were unable to complete backfilling the stream. Workers will remain on site overnight to maintain the pump around and continue dewaterin the ditch.</p>					
<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.</p>					

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Pictures					
					
GPS Location	37.3084819224079, -80.0101383403689	GPS Location	37.3086387141179, -80.0103400224126		
Description	Timber mat retaining walls were built on the steep slopes above streams S-G39 and S-G40. See photo for location.	Description	Fill slope drains were installed per DEQ requirement for releasing area for work, station 12024+00 to 12025+50, ~MP 227.5~.		
					
GPS Location	37.3084411025395, -80.0100311358273	GPS Location	37.3085479298954, -80.0102004502714		
Description	Operators began ditching through stream S-G36 this morning. See photo for location.	Description	A rock energy dissipater was built for the pump around outlet at stream S-G36. See photo for location.		
					
GPS Location	37.3085080320363, -80.0102908071876	GPS Location	37.3085068166603, -80.0101165474206		
Description	Stained water from the dewatering structure was entering the stream S-G36. See photo for location.	Description	The pipe section was lowered into the ditch at stream S-G36 at approximately 5:00 PM today. See photo for location.		