



Visual Site Inspection Report

Project Name	H-600 Pipeline Spread H	AFE	124300138	Spread	H-600 Pipeline Spread H
Contractor	Precision			Report #	5563
Inspector	John Brcic			Date/Time	7/31/2018 7:13 PM
Permit #	TBD	Inspection Type	VA SWPP	Station Begin	12005+00
State	VA	Inspection Area	Partial	Station End	12102+69
County	Montgomery	Ground	Wet	Temperature (°F)	75.00
Municipality	N/A	Weather	Cloudy	Rain Gauge (in)	0.50
GPS Location	37.3086484923834, -80.0104781817074			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	
Waterbar		Communication	12023+25: straighten waterbar	24 Hours	
Waterbar		Communication	12049+00: restore travel lane properly	24 Hours	
Waterbar Outlet Protection		Communication	12060+70: triple stack j-hook	24 Hours	
Sensitive Resource Buffer		Problem Area	Stream S-MM15 impacted	Immediate	
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.					Yes
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.

Bridges were rebuilt with improved geotech liners at streams S-G40 and S-MM15. A drainage system engineered by Tetra Tech was installed at station 12038+00 to 12040+00 to alleviate stormwater being funneled down to stream S-G40 by the natural trough on the ROW. Punchlist items were addressed through this stretch of ROW such as upgrading j-hooks at sumps and adding ECDs near waterbodies. General maintenance was also performed such as cleaning out sumps and ECDs where needed.

Comments (Reference above questions as appropriate.)

Station 12005+00 to 12102+69.....Activities since last SWPPP inspection. Precision Pipeline has lowered in, welded, and backfilled another 160 feet of pipe from station 12017+00 to 12018+60. A grade crew has finished cutting ROW between access MVP-MN-270 and Half Acre Rock Road, stations 12071+80 to 12102+69. Another crew of operators installed a drainage system to convey stormwater off ROW where a natural trough occurs on the ROW between stations 12038+00 and 12040+00. A double run of 24 inch flume pipe was installed at the uphill end of where the trough meets the LOD. A rock and geotech pit was built as an inlet protector to the flumes. At station 12038+00, the flumes empty into a plunge pool. Another set of 24" flumes was installed to convey the water from this plunge pool straight across the ROW, into another plunge pool, and then off ROW. These operators also rebuilt the bridge over stream S-G40, station 12035+11, and properly installed a geotech lining due to a failure previous to the last SWPPP inspection. The bridge over S-MM15 was rebuilt as well.

A stream impact was recorded at stream S-MM15, station 12076+95, today after a rain event in the afternoon by the WSSI inspectors.

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.

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Pictures					
 <p>DIRECTION SW (T) 37.26451°N 080.30659°W ACCURACY 5 m DATUM WGS84</p> <p>12038+00: plunge pool @ stormwater drain outlet</p> <p>2018-07-30 12:05:51-04:00</p>			 <p>DIRECTION SE (T) 37.26669°N 080.31250°W ACCURACY 10 m DATUM WGS84</p> <p>2018-07-29 09:38:00-04:00</p>		
GPS Location	37.3086697828587, -80.0101702133535		GPS Location	37.3085168330346, -80.0101628993452	
Description	Plunge pool installed @ station 12038+00 where drain pipes empty stormwater off ROW, ~MP 227.8~. See photo for location.		Description	Pipe installed at stations 12017+00 to 12018+60, ~MP 227.4~. See photo for location.	
 <p>DIRECTION NE (T) 37.26418°N 080.30587°W ACCURACY 5.00 Km DATUM WGS84</p> <p>12023+25: straighten out waterbar, from half-way point to sump is well over the 2-5% slope accessibility range</p> <p>2018-07-31 10:15:55-04:00</p>			 <p>DIRECTION NW (T) 37.26256°N 080.30343°W ACCURACY 5 m DATUM WGS84</p> <p>12049+00: waterbar overtopped where travel lane was not adequately restored</p> <p>2018-07-31 12:37:47-04:00</p>		
GPS Location	37.308670399159, -80.0101705953396		GPS Location	37.3086266359662, -80.0101019629091	
Description	Waterbar has large hump in the middle and needs to be straightened out @ station 12023+25, ~MP 227.5~.		Description	Waterbar not properly restored in travel lane @ station 12049+00, ~MP 228.0~. See photo for location.	
 <p>DIRECTION NE (T) 37.26149°N 080.30057°W ACCURACY 5.00 km DATUM WGS84</p> <p>12061+70: need to triple stack CFS j-hook</p> <p>2018-07-31 13:36:35-04:00</p>			 <p>E 60 120 SE 150 S 180 SW 240</p> <p>170°S (T) 37.258648°, -80.296387° ±16.4ft ▲ 1756ft</p> <p>LOD 12076+00: S-MM15</p> <p>SPREAD G 31-Jul-2018, 14:30</p>		
GPS Location	37.3087178078399, -80.0100690985339		GPS Location	37.3087415518587, -80.0100375060737	
Description	CFS j-hook should be triple stacked at station 12061+70, ~MP 228.2~. See photo for location.		Description	Stream S-MM15 was impacted by sediment during an afternoon rain event today, station 12076+95, ~MP 228.5~.	