



Visual Site Inspection Report

Project Name H-600 Pipeline Spread H		AFE 124300138	Spread H-600 Pipeline Spread H
Contractor Precision		Report # 4344	
Inspector Gwen Alley		Date/Time 7/9/2018 4:59 PM	
Permit # TBD	Inspection Type VA SWPP	Station Begin	133216+00
State VA	Inspection Area Partial	Station End	133227+00
County Franklin	Ground Dry	Temperature (°F)	84.00
Municipality N/A	Weather Sunny	Rain Gauge (in)	0.00
GPS Location 37.294464416719, -80.0283712906736		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

- 5. Site Conditions**
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| 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.

Precision has been working on waterbars between Wade's Gap and Webster's Corner ROW crossings. Berms have been increased to heights of approximately 3 feet. Waterbar berms are well over 18 inches in cases, over 2 feet. Most sumps have been carved to maximum depth. The contractor is awaiting a standard drawing to complete the end treatments.

Comments (Reference above questions as appropriate.)

I observed work done and in process on waterbars in this area. The contractor has gone above and beyond with waterbar construction. The berms and waterbars that have been completed are well above standard spec. I noticed that the coming in side of S-GH 15 was stabilized, but the going away side hasn't been yet. I was unable to go beyond S-GH14 due to several pieces of equipment actively working the steep slope. From Webster's Corner, the travel lane was out and equipment was actively working the slope. I will return tomorrow to confirm satisfactory completion of work. Progress in this area is encouraging.

A berm was built up at sta13320+00. Equipment belonging to NW Clearing still needs to be moved in order to complete the waterbar. Item is on the punch list. The first waterbar above Wade's Gap rd. Is not to the edge of ROW on the high side due to a large log pile. Clearing is needed to assist grade with moving logs and equipment. As yet, the earth here is not disturbed, so this is a low risk area.

The outlet of a waterbar on the going away side of S-GH15 empties behind super silt fence. I am concerned that storm water could be directed back on to the ROW and into the stream. Breaking the fence at the outlet or ending it short of the sump should be considered.

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.

Pictures

<p><small>Date & Time: Mon Jul 9 14:22:35 EDT 2018 Position: +037.1061492 / -080.050900 Altitude: 1602ft Datum: WGS-84 Azimuth/Bearing: 113 S67E 2009mils (True) Elevation Grade: +031 Horizon Grade: +002 Zoom: 1X subgrade berm</small></p> 	<p><small>Date & Time: Mon Jul 9 14:28:55 EDT 2018 Position: +037.1061072 / -080.050429 Altitude: 1522ft Datum: WGS-84 Azimuth/Bearing: 83 S128E 0640mils (True) Elevation Grade: +027 Horizon Grade: +000 Zoom: 1X healthy waterbar above coming in side S-GH15 well over 18'</small></p> 
GPS Location 37.2943879437006, -80.0283467040093	GPS Location 37.2943898358024, -80.0283468720977
Description The number of berms above S-Gh15 was decreased to 3, and the height was increased to about 3feet.	Description A substantial waterbar was constructed between the series of berms and S-GH15. Height about 24". See photo for coordinates
<p><small>Date & Time: Mon Jul 9 14:30:31 EDT 2018 Position: +037.1060642 / -080.050425 Altitude: 1444ft Datum: WGS-84 Azimuth/Bearing: 204 S24W 3627mils (True) Elevation Grade: -043 Horizon Grade: -001 Zoom: 1X healthy waterbar above coming in side S-GH15 well over 18' not to edge on high side - but needs finish top and grade</small></p> 	<p><small>Date & Time: Mon Jul 9 14:34:50 EDT 2018 Position: +037.1062522 / -080.050229 Altitude: 1448ft Datum: WGS-84 Azimuth/Bearing: 014 N14E 0299mils (True) Elevation Grade: -043 Horizon Grade: +000 Zoom: 1X healthy waterbar above coming in side S-GH15 well over 18' big sump in need of treatment</small></p> 
GPS Location 37.2944711084781, -80.028361232548	GPS Location 37.294437432945, -80.0284168218741
Description The high end is not to ROW edge, but due to incomplete grade, further work on this end would be unsafe. See photo for coordinates	Description Sump at the end is nearly 4 ft deep. Berm extends to edge of ROW. see photo for coordinates
<p><small>Date & Time: Mon Jul 9 14:50:58 EDT 2018 Position: +037.1059402 / -080.049769 Altitude: 1424ft Datum: WGS-84 Azimuth/Bearing: 266 S86W 4729mils (True) Elevation Grade: +085 Horizon Grade: +007 Zoom: 1X going away side S-GH153rd BR</small></p> 	<p><small>Date & Time: Mon Jul 9 14:54:58 EDT 2018 Position: +037.1059468 / -080.049886 Altitude: 1470ft Datum: WGS-84 Azimuth/Bearing: 080 N80E 1422mils (True) Elevation Grade: +037 Horizon Grade: -005 Zoom: 1X coming in GH14 in process</small></p> 
GPS Location 37.294437432945, -80.0284168218741	GPS Location 37.2944383429855, -80.0283971853931
Description Berms are being extended to edge of ROW. I talked to the straw about pulling back some of the excess soil and they did. Photo, coords	Description Work is in progress and they are aiming to exceed requirements. See photo for coordinates