Mountain Valley PIPELINE LLC Wetland Biological Conditions EA Report								
Project Name H-600 Pipeline		e Spread F	AFE 124300135	Spread	H-600 Pipeline	600 Pipeline Spread F		
Contractor Price Gregory				Report #	106			
Enviror	nmental Auditor Luke Fultz	Date/Time 10/26/2023 3::			21 PM			
Wetland ID W-UV11		Crossing Start Date 11/8/2023 Crossing Completic		tion Date 11/	n Date 11/25/2023			
Mi	lepost 155.17	Pre-Con Assessment Dat	e 10/26/2023	Post-Con Assessm	nent Date 11/	25/2023		
Station 8192+98		Cowardin Classification PEM Wetland Impact Area(acres)0.02						
	State WV							
C	County Greenbrier							
	lvar · · ·	Resource Post-Cros			,			
1	compaction and disturban	other suitable methods utilize ce in wetlands?	d under neavy	equipment to minim	IZE SOII	Yes		
2	† '	Was the existing vegetation removed prior to initiating land disturbance within the resource?						
3	Was the top 1-foot (12-inc	hes) of wetland soil segregat	ed and stockp	iled separate from tr	ench spoils?	Yes		
4	Was excess material not needed for backfill removed and disposed of in an upland area?					Yes		
5	Was the top 12-inches of backfill made with clean native wetland topsoil?					Yes		
6	Were standard decompaction practices (disking, plowing, cultivating, tilling, or incorporation of organic matter into the topsoil horizon) implemented prior to applying seed?					Yes		
7	Was wetland topsoil replaced and temporarily seeded?							
8	Was permanent seed applied to unsaturated wetlands?							
9	Was equipment/timber matting removed from the wetland area properly by vertically lifting, and not pulling through the impact area?					Yes		
10	Were impervious trench breakers/plugs properly installed within 25-feet of the resource to prevent subsurface erosion to or from the resource area?					Yes		
11	Was the pre-construction survey data utilized during restoration in attempt to maintain the original surface hydrology, and were contours re-established to pre-construction conditions to maintain overland flow patterns?					Yes		
12	Have civil surveys been scheduled to verify as-built conditions meet pre-construction conditions in accordance with the project Mitigation Framework and federal/state permit requirements?					Yes		
13	Was the time of disturbance minimized by conducting resource work continuously to completion?					Yes		
14	Does the post-construction square footage of wetland area appear to be restored to meet or exceed the pre-construction area square footage?				Yes			
15	Are bareroot saplings required and/or scheduled to be planted for the dormant season (10/1 – 4/30) in PFO classified wetlands?				N/A			
16	Did any unauthorized discharges to unpermitted resources occur during the crossing? If so, explain the corrective actions implemented in the Comments section and include additional photos. Biological Conditions Pre-Con				No Post-Con			
47	Wetland Saturation: Are s	Biological Conditions surface waters, the water table, and	or overall soil satu	ıration				
17	present? (Select Yes or No) Resource Alterations: Are the wetland soil conditions visibly disturbed? Examples: Livestock presence, haul roads, farm traffic, drain tiles, recent mowing/clear cutting, recent excavating/disking of soils, etc. Rating: 1-Negligible (undisturbed/natural resource), 2-Minor (20-40% of resource disturbed by alterations), 3-Moderate (40-80% of resource disturbed), 4-Poor (>80% of resource disturbed)					No 4		
19	Is vegetation present within the permitted impact area prior to disturbance? (Pre-Con)Are areas properly seeded and stabilized after restoration? (Post-Con)					1		

vegetative coverage, etc.)

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Additional Notes

Pre-Construction Notes

Pre-Construction Meeting - 10/26/2023

- 17. No Surface water present, test pit did not recharge nor were there saturated soils.
- 18. Ag field, livestock, mowing, previously constructed drainage swell. Vegetation cleared prior to construction.
- 11/08/2023 Pre-Construction Assessment review and was found to be consistent with current conditions. First 12 inches of topsoil on the northwestern edge of the aquatic resource was removed and segregated (Photo 1).
- 11/09/2023 Additional topsoil from the northwestern edge of the aquatic resource was removed. Work ongoing outside of the aquatic resource area.
- 11/10/2023 No work in aquatic resource. Work ongoing outside of the aquatic resource area.
- 11/11/2023 First 12 inches of topsoil was removed from the remainder of the aquatic resource (Photo 2). Material was segregated.
- 11/13/2023 Begin excavating subsoil in adjacent resource areas [S-K19 & W-K9-PEM-1]. Subsoil stockpiled on subsoil where topsoil removed. Work ongoing outside of the aquatic resource area.
- 11/14/2023 Excavating subsoil from ditch directly adjacent to aquatic resource (slightly through edge of resource area as ditch moves south) (Photo 3). Staging pipe in ditch directly adjacent to aquatic resource. Welding pipe connect in ditch directly adjacent to aquatic resource. Work ongoing outside of the aquatic resource area.
- 11/15/2023 No work in aquatic resource. Work ongoing outside of the aquatic resource area.
- 11/16/2023 Constructed trench breaker south of the aquatic resource area (Photo 4). Work ongoing outside of the aquatic resource area.
- 11/17/2023 Constructed trench breaker north of the aquatic resource area. Backfilling subsoil along the northwestern edge of the aquatic resource (Photo 5). Work ongoing outside of the aquatic resource area.
- 11/18/2023 Completed backfilling subsoil on the northwestern edge of the aquatic resource (rest of aquatic resource undisturbed) (Photo 6).
- 11/20/2023 Survey onsite to shoot boundary of aquatic resource area. Work ongoing outside of the aquatic resource area.
- 11/21/2023 Rain event. No work in aquatic resource area.
- 11/22/2023 1.02" of precipitation recorded in previous 24 hours near site. Due to ground conditions from yesterday's precipitation event, no work is planned in aquatic resource area for the day.
- 11/24/2023 No rain. Due to saturated ground conditions work was not completed in this aquatic resource. Work ongoing at other locations outside of the aquatic resource.
- 11/25/2023 No rain. Work ongoing at other locations outside of the aquatic resource. Additional subsoil was added to resource (Photo 7). Additional work smoothing and contouring soil. Survey previously staked wetland limits (11/20/2023) which were utilized for restoration. Wetland topsoil added and edges contoured to meet existing grade. Wetland seeded. P1 fencing added. Additional seed added once fencing was installed (Photo 8). Site Complete.

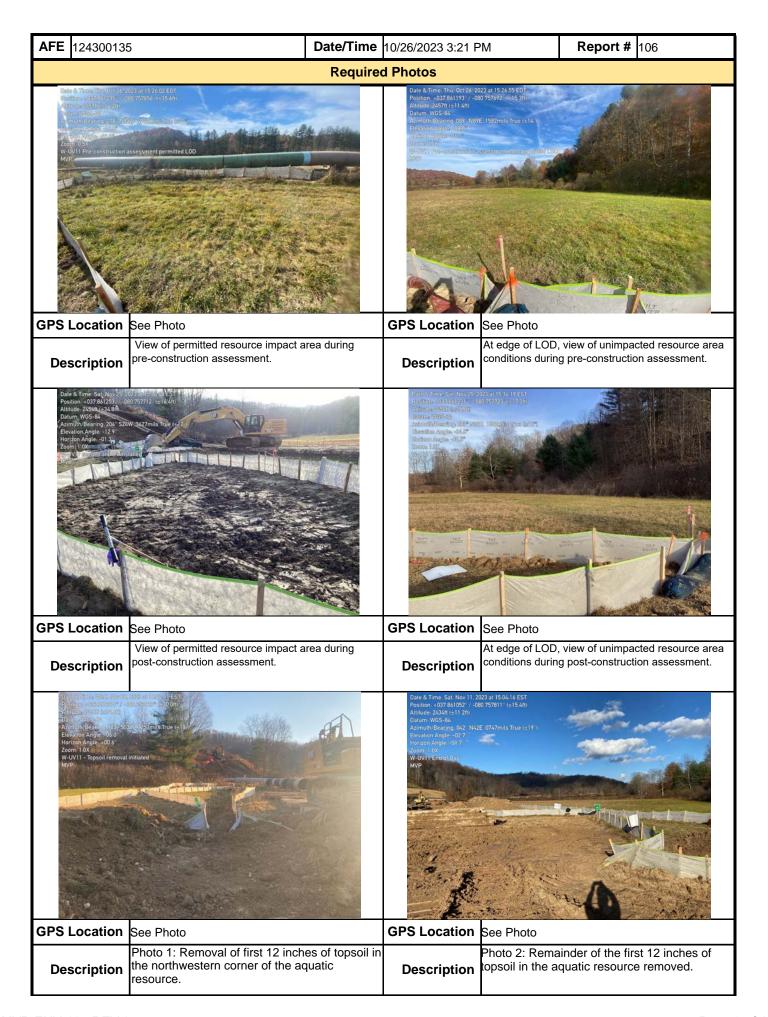
Post Construction Notes

19. Crossing has recently been restored. These areas will be monitored until 80% vegetative cover is achieved. Areas that do not have 80% vegetative cover within 30 days will be reseeded.

In accordance with the Mountain Valley Pipeline Comprehensive Stream and Wetland Monitoring, Restoration and Mitigation Framework, this independent report was completed to document the on-site monitoring of instream invertebrate and fisheries resources during all construction activity related to waterbody and wetland crossings, and document instream conditions and any impacts to the resources.

Na	ame	Signature	Company	Date
Luke Fultz		Twee Jults	Potesta	11/25/2023

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