

# WETLAND BIOLOGICAL CONDITIONS ENVIRONMENTAL AUDITOR REPORT

Version 2.2



<b>Wetland ID:</b> W-Q1	<b>Crossing Start Date:</b> 11/29/2023	<b>Crossing Completion Date:</b> 12/01/2023
<b>Milepost:</b> 296.3	<b>Pre-Con Assessment Date:</b> 11/08/2023	<b>Post-Con Assessment Date:</b> 11/08/2023
<b>Station:</b> 15670+80	<b>Cowardin Classification:</b> PEM (PEM, PFO, PSS, POW)	<b>Wetland Impact Area (sq ft.):</b> 635.98
<b>County:</b> Pittsylvania		

Item #	Resource Crossing Conditions	N/A	YES	NO
1.	Were equipment mats or other suitable methods utilized under heavy equipment to minimize soil compaction and disturbance in wetlands?		X	
2.	Was the existing vegetation removed prior to initiating land disturbance within the resource?		X	
3.	Was the top 1-foot (12-inches) of wetland soil segregated and stockpiled separate from trench spoils?		X	
4.	Was excess material not needed for backfill removed and disposed of in an upland area?		X	
5.	Was the top 12-inches of backfill made with clean native wetland topsoil?		X	
6.	Were standard decompaction practices (disking, plowing, cultivating, tilling, or incorporation of organic matter into the topsoil horizon) implemented prior to applying seed?		X	
7.	Was wetland topsoil replaced and temporarily seeded?		X	
8.	Was permanent seed applied to unsaturated wetlands?		X	
9.	Was equipment/timber matting removed from the wetland area properly by vertically lifting, and not pulling through the impact area.		X	
10.	Were impervious trench breakers/plugs properly installed within 25-feet of the resource to prevent subsurface erosion to or from the resource area?		X	
11.	Was the pre-construction survey data provided and 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?		X	
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?		X	
13.	Was the time of disturbance minimized by conducting resource work continuously to completion?		X	
14.	Does the post-construction square footage of wetland area appear to be restored to meet or exceed the pre-construction area square footage?		X	
15.	Are bareroot saplings required and/or scheduled to be planted for the dormant season (10/1 – 4/30) in PFO classified wetlands?	X		
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.			X

Item #	Biological Conditions	Pre-Con	Post-Con
17.	<b>Wetland Saturation:</b> <i>Are surface waters, the water table, and/or overall soil saturation present? (Select Yes or No)</i>	No	No
18.	<b>Resource Alterations: Are the wetland soil conditions visibly disturbed?</b> <b>Examples:</b> <i>Livestock presence, haul roads, farm traffic, drain tiles, recent mowing/clear cutting, recent excavating/disking of soils, etc.</i> <b>Rating:</b> <i>1-Negligible (undisturbed/natural resource), 2-Minor (20-40% of resource disturbed by alterations), 3-Moderate (40-80% of resource disturbed), 4-Poor (&gt;80% of resource disturbed)</i>	1 - Negligible	1 - Negligible
19.	<b>Is vegetation present within the permitted impact area prior to disturbance? (Pre-Con)</b> <b>Are areas properly seeded and stabilized after restoration? (Post-Con)</b> <b>Rating:</b> <i>1-Optimal (60-100% heavy vegetative cover), 2-Suboptimal (30-60% mixed vegetative coverage), 3-Marginal (&lt;30% vegetative coverage), 4-Poor (Mowed/maintained area or farmland, impervious area, sparsely vegetative coverage, etc.)</i>	2 - Suboptimal	2 - Suboptimal

WETLAND BIOLOGICAL CONDITIONS  
ENVIRONMENTAL AUDITOR REPORT

Version 2.2



Comments/Remarks

11-8-2023: The pre-construction meeting was conducted. The MVP Environmental Inspector is Randi Mathews, and the Precision Pipeline Foreman is Brandon Methner. -T. Turner Jr

11-11-2023 through 11-22-2023: The site is inactive. -T. Turner Jr

11-24-2023 through 11-28-2023: Wetland is in good condition and no work is being conducted near the resource. -T. Turner Jr


11-29-2023: Work has begun within the 10-foot buffer. The open cut crossing method is now active at this resource. The top 12-inches of soil has been excavated, segregated, and stockpiled. The crew has begun hammering the rocks and excavating the trench. Excavation of the trench was completed. -T. Turner Jr

11-30-2023: The pipe was lowered into the trench. The pipe was welded, sandblasted, and coated. Trench Breakers were installed on the GAS of S-Q2. It is anticipated that the wetland will be restored tomorrow, 12-1-23. -T. Turner Jr

12-1-2023. Restoration of the wetland has begun. The top 12-inches of soil has been restored. The crew applied straw matting and seed to the 10- and 50-foot buffers. Filter socks were installed along the 10- and 50-foot buffers. Seed and straw matting was applied, and filter sock was installed on the left side bank. The wetland has been restored to pre-construction conditions. -T. Turner Jr

No impacts to biological conditions or unauthorized discharges were observed during the crossing activity.

In accordance with the Mountain Valley Pipeline Consent Decree, dated October 11, 2019, 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.

<i>This report was written by</i>	Terrence Turner Jr <i>Print Name</i>	 <i>Signature</i>	12/01/2023 <i>Date</i>
-----------------------------------	---	--	---------------------------

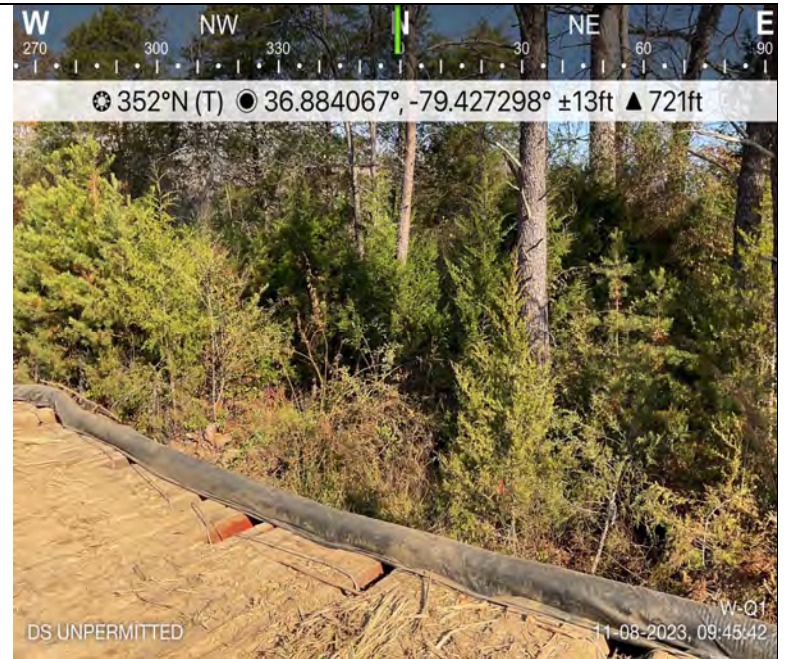
# WETLAND BIOLOGICAL CONDITIONS ENVIRONMENTAL AUDITOR REPORT

Version 2.2

## Required Photos



**Photo Description:** View of permitted resource impact area during pre-construction assessment.



**Photo Description:** At edge of LOD, view of unpermitted resource area conditions during pre-construction assessment.



**Photo Description:** View of permitted resource impact area during post-construction assessment.



**Photo Description:** At edge of LOD, view of unpermitted resource area conditions during post-construction assessment.

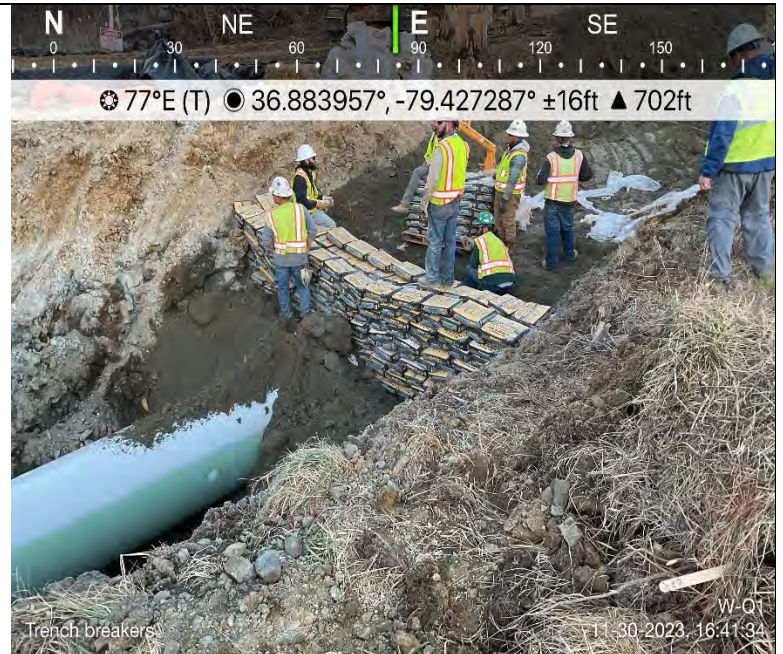
# WETLAND BIOLOGICAL CONDITIONS ENVIRONMENTAL AUDITOR REPORT

Version 2.2

## Optional Additional Photos



**Photo Description:** Topsoil being excavated from the trench.



**Photo Description:** A trench breaker being installed within the trench.



**Photo Description:** Topsoil restored within the resource.



**Photo Description:** Seed being applied after restoration of the topsoil.