

Wetland Function-Value Evaluation Form

Total area of wetland 0.02 ac Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Pipeline Row and forest Distance to nearest roadway or other development 910 ft.

Dominant wetland systems present PEM1 Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? N/A

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. 072219-MU-1002-PEM

Latitude 41.254583 Longitude -75.781005

Prepared by: TV Date 09/19/2019

Wetland Impact:
Type Fill Area 0.02 ac

Evaluation based on:
Office _____ Field

Corps manual wetland delineation completed? Y N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	N			
Floodflow Alteration	Y	5, 9	X	wetland is a small depression and the primary source of hydrology is from surface H ₂ O runoff.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	N			
Nutrient Removal	N			
Production Export	N			
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	N			
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other	N/A			

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.5 ac Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No
 Adjacent land use Pipeline ROW and forest Distance to nearest roadway or other development 1000 ft.
 Dominant wetland systems present PEMI Contiguous undeveloped buffer zone present Yes
 Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? N/A
 How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. 072219_MK_1000_PEM
 Latitude 41.256102 Longitude -75.782327
 Prepared by: TV Date 09/19/2019
 Wetland Impact:
 Type Fill Area 0.2 ac
 Evaluation based on:
 Office _____ Field
 Corps manual wetland delineation completed? Y N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	13	X	springs are present throughout portions of the wetland. wetland is located in a low-lying area and receives surface H2O runoff from surrounding upslope area; dense vegetation.
Floodflow Alteration	Y	5, 9, 18	X	
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	4		wetland is not associated w/a watercourse and lacks slow-moving or deep H2O habitat.
Nutrient Removal	N			
Production Export	N			
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	N			
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other	N/A			

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.20 ac Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Forest and Pipeline ROW Distance to nearest roadway or other development 900 ft.

Dominant wetland systems present PFO1 Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Middle

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. 072219-MU-1001-PFO

Latitude 41.254546 Longitude -75.780790

Prepared by: TV Date 09/19/2019

Wetland Impact:
Type Fill Area 0.09 ac

Evaluation based on:
Office _____ Field

Corps manual wetland delineation completed? Y N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7, 10, 13	X	Spring seeps present and the wetland contains an intermittent stream outlet.
Floodflow Alteration	Y	5, 7, 9, 13	X	wetland contains soils capable of H ₂ O storage, receives surface H ₂ O runoff from surrounding area, and has an intermittent stream outlet.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	4, 10		wetland does not contain deep H ₂ O habitats.
Nutrient Removal	Y	14		wetland size is minimal compared to the watershed, lack deep, organic sediment deposits.
Production Export	N			
Sediment/Shoreline Stabilization	Y	2		No shoreline present; energy-absorbing vegetation absent within a minimal width riparian area.
Wildlife Habitat	N			
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other	N/A			

Notes:

* Refer to backup list of numbered considerations.