

Wetland Function-Value Evaluation Form

Total area of wetland: _____ Human made? **No** Is wetland part of a wildlife corridor? **Yes** or a 'habitat island'?

Adjacent land use **Rt. 1, Commercial, undeveloped forest** Distance to nearest roadway or other development **Adjacent**

Dominant wetland systems present **Forested** Contiguous undeveloped buffer zone present **No**

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

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

Wetland ID: **Area A**

Latitude _____ Longitude _____

Prepared by: **HSW** Date **06/18/04**

Wetland Impact:

Type _____ Area _____

Evaluation based on:

Office **X** Field **X**

Corps manual wetland delineation completed? **Yes**

Function/Value	Occurrence Y/N	Rationale (Reference #)*	Principal Function/Value(s)	Comments
Groundwater Recharge/Discharge	Y	1, 2, 3, 4, 5, 16	X	Wetland appears to be a contiguous hydraulic system, draining towards Goff Mill Brook.
Floodflow Alteration	Y	1, 5, 6, 7, 9, 18		
Fish and Shellfish Habitat	N	1, 2		No fish/shellfish habitat.
Sediment/Toxicant Retention	N	3, 4, 5, 7, 8, 9		Wetland not associated with a watercourse (on-site). No excess sediment source.
Nutrient Removal	N	3, 5, 6, 7, 8, 9, 10, 11, 12		No excess nutrient source.
Production Export	Y	1, 2, 4, 7, 8, 9, 10, 12, 13		Some export via culvert outlet; some attenuated, flu towards Goff Mill Brook.
Sediment/Shoreline Stabilization	N	2, 4		
Wildlife Habitat	Y	4, 5, 7, 8, 9, 11, 13, 14, 15, 17, 19, 20	X	Connected to a relatively large unfragmented tract of land extending north.
Recreation	N	5		Not easily accessible; no parking.
Educational/Scientific Value	N	5		Public access difficult.
Uniqueness/Heritage	N	4, 5		Not a unique wetland.
Visual Quality/Aesthetics	Y	8		No primary viewing location.
Endangered Species Habitat				No known occurrence.
Other				

Notes:

*Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland: _____ Human made? **No** Is wetland part of a wildlife corridor? **Yes** or a 'habitat island'?

Wetland ID: **Area B**

Adjacent land use **Undeveloped forested, Rt. 1, light commercial/residential** Distance to nearest roadway or other development **Adjacent**

Latitude _____ Longitude _____

Prepared by: **HSW** Date **06/18/04**

Dominant wetland systems present **Forested** Contiguous undeveloped buffer zone present **No**

Wetland Impact:

Type _____ Area _____

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

Evaluation based on:

Office **X** Field **X**

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

Corps manual wetland delineation completed? **Yes**

Function/Value	Occurrence Y/N	Rationale (Reference #)*	Principal Function/Value(s)	Comments
Groundwater Recharge/Discharge	Y	1, 2, 3, 4, 5, 7, 9, 12, 13, 15, 16	X	Provides groundwater discharge-flows towards the Kennebunk River.
Floodflow Alteration	Y	1, 2, 5, 6, 7, 8, 9, 10, 13, 15, 16, 17, 18	X	Provides a large amount of flood storage.
Fish and Shellfish Habitat	N	1, 2, 8, 10, 17		Unlikely that water course is able to support fish populations.
Sediment/Toxicant Retention	N	3, 4, 5, 7, 8, 9, 10, 11, 12, 13, 14, 16		Opportunity exists, however, source is lacking.
Nutrient Removal	N	1, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15		Opportunity exists, however, nutrient load is not excessive.
Production Export	Y	1, 2, 4, 5, 7, 8, 9, 10, 11, 12, 13		Some flushing occurring via stream.
Sediment/Shoreline Stabilization	Y	2, 5, 6, 9, 12, 13, 14, 15		Streambank stabilization occurring.
Wildlife Habitat	Y	4, 5, 7, 8, 9, 11, 13, 14, 15, 17, 19, 20	X	Connected to a relatively large unfragmented tract of land extending north.
Recreation	N	5		
Educational/Scientific Value	N	5		
Uniqueness/Heritage	N	4, 5		
Visual Quality/Aesthetics	Y	8		
Endangered Species Habitat	Y	1		Wetland known to contain swamp saxifrage along northwest border.
Other				

Notes:

*Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Wetland ID: Area C
 Latitude _____ Longitude _____
 Prepared by: HSW Date 06/18/04
 Wetland Impact: _____
 Type _____ Area _____
 Evaluation based on:
 Office X Field X
 Corps manual wetland delineation completed? Yes

Total area of wetland: _____ Human made? Yes Is wetland part of a wildlife corridor? No or a 'habitat island'? Yes

Adjacent land Forested Distance to nearest roadway or other development 50'

Dominant wetland systems present PEMIEX Contiguous undeveloped buffer zone present No

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)

Function/Value	Occurrence Y/N	Rationale (Reference #)*	Principal Function/Value(s)	Comments
Groundwater Recharge/Discharge	N	4, 5		No evidence of recharge or discharge.
Floodflow Alteration	N			Isolated wetland basins-no flood storage significant.
Fish and Shellfish Habitat	N	1		No fish/shellfish habitat.
Sediment/Toxicant Retention	N			No sediment sources – limited vegetation.
Nutrient Removal				No nutrient sources – limited vegetation.
Production Export	N			Provides no production export.
Sediment/Shoreline Stabilization				
Wildlife Habitat	Y			Wetland areas are man-made, excavated areas provide very limited wildlife habitat.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
Endangered Species Habitat	N			
Other				

Notes:

*Refer to backup list of numbered considerations.

