Data Collection Form

Site: _____ Date: _____

Investigator: _____

A. In-field Wetland Classification:

NWI Type: System _____ Subsystem _____

Class _____ Water Regime _____

Modifiers _____

LLWW Type: Landscape Position _____ Landform _____

Water Flow Path _____

Other Descriptors _____

B. Predicted Wetland Functions (*from In-field Wetland Classifications; use Correlation Table*)

Predicted Function	*High*	*Moderate*	*Other* (Stream Shading/Wood Duck)
Surface Water Detention	____	____	
Streamflow Maintenance	____	____	
Bank and Shoreline Stabilization	____	____	
Nutrient Transformation	____	____	
Carbon Sequestration	____	____	
Sediment and Other Particulate Retention	____	____	
Waterfowl/Waterbird Habitat	____	____	_____
Fish and Aquatic Invertebrate Habitat	____	____	_____
Other Wildlife Habitat	____	____	

C. Wetland Characteristics (based on field observations)

Vegetation: List dominant plants in each stratum (following the 50/20 rule)

Trees: _____

Saplings/Shrubs: _____

Herbs: _____

Woody Vines: _____

List other notable plants (e.g., rare or invasive species): _____

Soil (within 12"):

Depth _____ Matrix _____ (___%) Redox Concentrations/Depletions _____ (___%)

Depth _____ Matrix _____ (___%) Redox Concentrations/Depletions _____ (___%)

Signs of Wetland Hydrology (see indicators listed under C-1 below):

_____

_____

C. On-site Evidence of Wetland Functions (check observed indicators)

1. Surface water detention
Check indicators: Standing water___ (depth:_____) Water-stained leaves___
Water-carried debris___ Water marks___ (depth above ground surface_____)
Silt marks___ (depth above ground surface_____), Sediment deposits____
Algal deposits___ Iron deposits___ Pit and Mound Topography___
Aquatic Plants____ Aquatic Invertebrates___
Other___ (specify:_____)

2. Stream flow maintenance
Wetland is the source of a stream: Yes___ No___
Wetland is along a headwater stream (order 1 or 2 perennial stream): Yes___ No___

3. Nutrient transformation
Soil is a peat or muck: Yes___ No___
Soil is a mineral soils with a histic epipedon: Yes___ No___
Soil is a mineral soil with a thick dark surface layer: Yes__ No___
Wetland is flooded seasonally or longer: Yes___ No___

4. Carbon sequestration
Soil is a peat or muck: Yes___ No___
Soil is a mineral soil with a histic epipedon: Yes___ No___
Soil is a mineral soil with a thick dark surface layer: Yes__ No__
Plant community is dominated by woody plants: Yes___ No___
Plant community is dominated by perennial herbs: Yes___ No___

5. Sediment and other particulate retention
Check indicators: Sediment deposits___ Silt marks___ Water-carried debris___

6. Bank and shoreline stabilization
Wetland borders a waterbody: Yes___ No___
Wetland dominated by woody plants or persistent herbs: Yes___ No___

7. Provision of fish and aquatic invertebrate habitat
Wetland is along a waterbody with a depth greater than 2m at low water and either semipermanently flooded or permanently flooded: Yes___ No___

Known fish nursery or spawning area: Yes___ No___
Evidence of aquatic invertebrates observed: Yes___ No___
Evidence of fish observed: Yes___ No___

8. Provision of waterfowl and waterbird habitat

Wetland is freshwater marsh adjacent to open water: Yes___ No___
Wetland is swamp with adjacent open water (e.g., beaver pond): Yes___ No___
Evidence of waterfowl observed: Yes___ No___
Evidence of other waterbirds observed: Yes___ No___

9. Provision of habitat for other wildlife

Wetland contains vernal pools and is surrounded by woodland: Yes___ No___
Wetland is a wetland complex composed of two or more wetland types: Yes___ No___
Wetland is a large wetland surrounded by forest or other natural plant communities: Yes___ No_
Logs floating in water (resting areas for turtles): Yes___ No___
Evidence of amphibians observed: Yes___ No___
Evidence of reptiles observed: Yes___ No___
Evidence of other birds observed: Yes___ No___
Evidence of beaver observed: Yes___ No___
Evidence of muskrat observed: Yes___ No___
Evidence of other mammals observed: Yes___ No___

FINDING - Functions:

Wetland shows evidence of temporarily storing surface water: Yes___ No___
Wetland shows evidence of contributing to maintaining stream flow: Yes___ No___
Wetland shows evidence of recycling nutrients: Yes___ No___
Wetland shows evidence of sequestering carbon: Yes___ No___
Wetland shows evidence of retaining sediment and other particulates: Yes___ No___
Wetland shows evidence of stabilizing shorelines: Yes___ No___
Wetland shows evidence of providing fish and shellfish habitat: Yes___ No___
Wetland shows evidence of providing waterfowl and waterbird habitat: Yes___ No___
Wetland shows evidence of providing habitat for other wildlife: Yes___ No___