

WETLAND RATING WORKSHEET (4th VERSION)

Bridge - 790300

Project Name: Bridge - 790300 County: ROWAN
 Nearest Road: Scercy Rd. (SR- 1346) Date: Dec 3, 2014
 Wetland Area (ac): 0.32 ac. Wetland Width (ft): 225 ft.
 Name of Evaluator(s): Chris Dustin

WETLAND LOCATION: WA

- ☐ on sound or estuary, pond or lake
☒ on perennial stream
☐ on intermittent stream
☐ within interstream divide
☐ other _____

SOILS:

Soil Series: ChA - Chewacla loam, 0 to 2 percent :

- ☐ predominantly organic (humus, muck or peat)
☒ predominantly mineral (non-sandy)
☐ predominantly sandy

HYDRAULIC FACTORS:

- ☐ freshwater
☐ brackish
☐ steep topography
☐ ditched or channelized
☒ total wetland width >= 100 feet

ADJACENT LAND USE:

(within 1/2 mile upstream, upslope or radius)

- | | | |
|---|-----------|---|
| ☒ forested/natural vegetation | <u>50</u> | % |
| ☒ agricultural/ urbanized | <u>45</u> | % |
| ☒ impervious surface | <u>5</u> | % |

Adjacent Special Natural Areas _____

DOMINANT VEGETATION:

- | | |
|---|-----------------------------|
| 1 | <u>Salix nigra</u> |
| 2 | <u>Alnus serrulata</u> |
| 3 | <u>Carpinus caroliniana</u> |
| 4 | <u>Quercus michauxii</u> |

FLOODING AND WETNESS:

- ☐ semipermanently to permanently flooded or inundated
☒ seasonally flooded or inundated
☐ intermittently flooded or temporary surface water
☐ no evidence of flooding or surface water

WETLAND TYPE: (select one)*

- | | |
|--|--|
| ☒ Bottomland Hardwood Forest | ☐ Bog/Fen |
| ☐ Swamp Forest | ☐ Headwater Forest |
| ☐ Carolina Bay | ☐ Bog Forest |
| ☐ Pocosin | ☐ Ephemeral Wetland |
| ☐ Pine Savannah | ☐ Other: _____ |
| ☐ Freshwater Marsh | |

* The rating system cannot be applied to salt and brackish marshes or stream channels.

DEM RATING

WATER STORAGE	<u>4</u>	X	4	=	<u>16</u>
BANK, SHORELINE STABILIZATION	<u>3</u>	X	4	=	<u>12</u>
POLLUTANT REMOVAL	<u>2</u> *	X	5	=	<u>10</u>
WILDLIFE HABITAT	<u>3</u>	X	2	=	<u>6</u>
AQUATIC LIFE HABITAT	<u>2</u>	X	4	=	<u>8</u>
RECREATION/EDUCATION	<u>1</u>	X	1	=	<u>1</u>
TOTAL WETLAND SCORE =					<u>53</u>

* Add one point if in sensitive watershed and >10% nonpoint disturbance within 1/2 mile upstream, upslope, or radius.