

Frog and Toad Monitoring 2012-2013 Zeloski Marsh, Jefferson County, Wisconsin

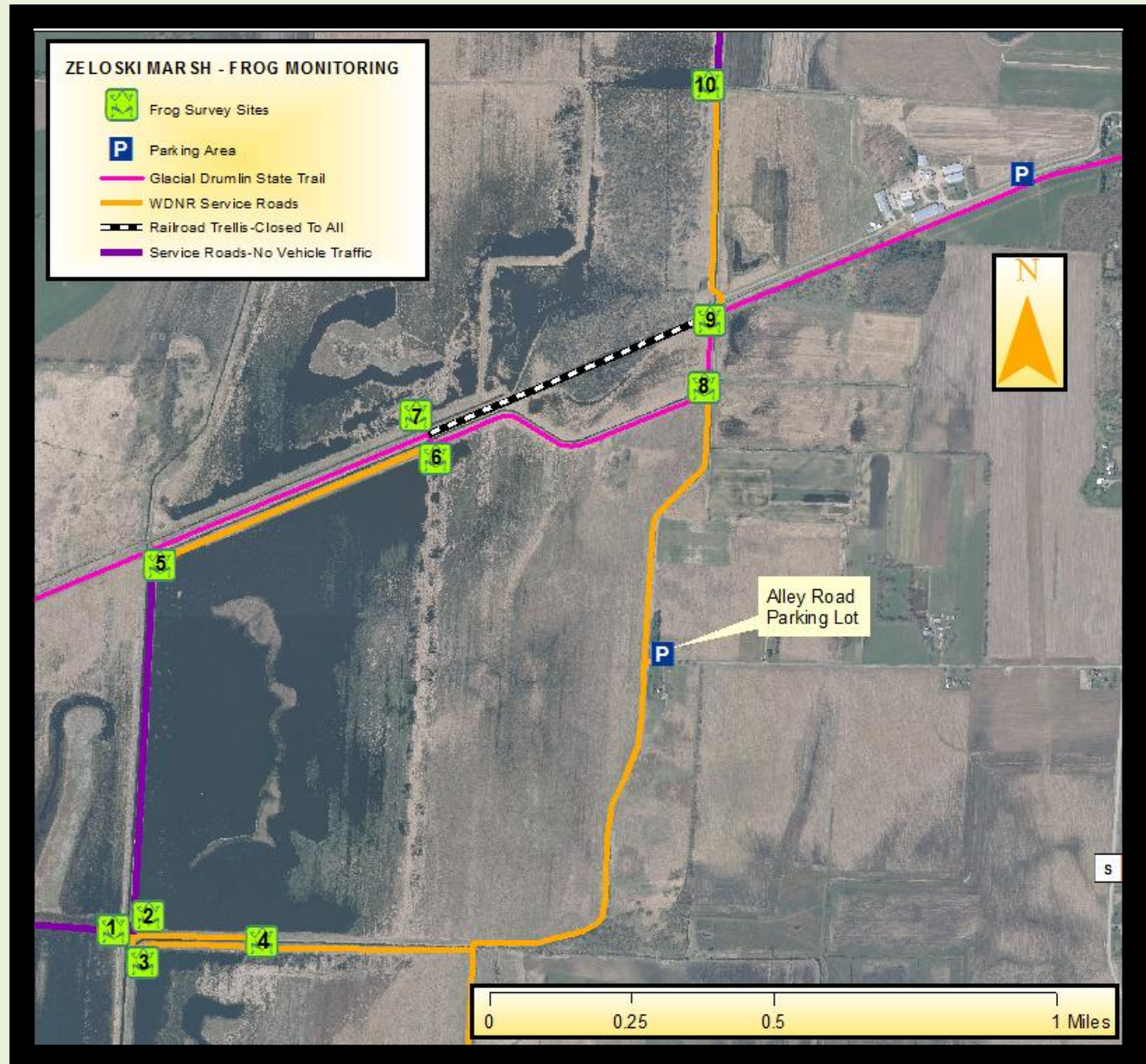
The wetland restoration for the Zeloski Marsh Unit of the Lake Mills State Wildlife Area was completed in late 2006 and dedicated in June 2007. A restoration's success is reflected by the presence of the species living throughout the site. The Rock River Coalition (RRC) conducts post-restoration Anuran (frogs and toads) surveys as one method to assess the health of the ecological community.

Due to degraded site conditions in 2005, pre-restoration surveys were conducted at nearby wetlands, such as Bean Lake. The RRC volunteers then and today follow the same monitoring protocols as volunteers for the Wisconsin Frog and Toad Survey—Wisconsin Department of Natural Resources.

The "Frog Team" visits ten sites within Zeloski Marsh once during each of three periods:

- April 8-30- Water temperature $\geq 50^{\circ}\text{F}$
- May 20-June 5- Water temperature $\geq 60^{\circ}\text{F}$
- July 1-15- Water temperature $\geq 70^{\circ}\text{F}$

Visiting the marsh after dark, team members listen for the breeding calls of the frogs and toads. The team assigns each species heard an index value of 1 to 3 based on whether they hear single individuals, a few overlapping calls, or a full chorus of calls. At the end of the season, data is sent to the Wisconsin Bureau of Endangered Resources where it can be used to help us better understand the health and changes within Wisconsin's Anuran populations.



Jeanne Scherer-The Rock River Coalition (2012)

Sources: Jefferson County Land and Water Department (2010 Image), The Rock River Coalition (2012)

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