

## Water Quality Monitoring Sites 2012-2013 Zeloski Marsh, Jefferson County, Wisconsin










During 2012, the year marking the fifth anniversary of the Zeloski Marsh restoration, the Rock River Coalition (RRC) began conducting post-restoration monitoring to assess the wetland's impact on water quality in the ditches remaining after restoration and in Koshkonong Creek. Seven of the eight sites monitored during the pre-restoration studies remain. One was destroyed during ditch and drain tile removal in 2006.

- *Sites 1-4 and 6*—key points in the ditches kept in place to drain surrounding agricultural fields.
- *Site 5*—Koshkonong Creek at the Glacial Drumlin State Trail; before water from the marsh enters the creek.
- *Site 7*—Koshkonong Creek at Britzke Road; downstream of the Zeloski Marsh ditch that enters the creek to measure drainage ditch effects on the creek.

The RRC monitors dissolved oxygen, pH (acidity), conductivity, turbidity, and temperature at each site in May, June, July and November, replicating pre-restoration monitoring dates. Data is entered on the Surface Water Integrated Monitoring System (SWIMS).

### Water Quality Monitoring Points

-  Water Monitoring Sites
-  Parking Areas
-  Koshkonong Creek and Primary Ditches
-  WDNR Service Roads
-  Glacial Drumlin State Trail
-  Other Service Roads-Foot traffic only
-  Railroad Trellis-Closed to all

Jeanne Scherer-The Rock River Coalition (2012)

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

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