



This is the first issue of the monthly technical bulletin for the St. Joseph River Watershed Management Planning Project. Each month, KIESER & ASSOCIATES will publish this bulletin on the project website and distribute it by email to keep the Steering Committee apprised of the progress of the technical work products. Products are grouped by Task Number, as specified in the Work Plan. Clickable links allow you to navigate to online maps and work products.

Task 1 Background Information Collection

The [bibliography](#) has grown to include 240 entries. The bibliography may be downloaded as an Excel file from the website. The [Links page](#) of the site represents an electronic watershed bibliography.

Task 2 Drainage Basin Characterization

[Digital Elevation Modeling](#) has been conducted to confirm the subwatershed boundaries being utilized for this project. Land cover types for each subwatershed have been calculated and used to create maps displaying the percentage of [wetlands](#), [agriculture](#), [urban/developed](#) and [forested/open](#) land cover for each subwatershed. [Section 319 grants](#) awarded to subwatersheds in the St. Joseph River Watershed have been mapped with links to available project information.

Task 3 Identification of Critical Areas

Nonpoint source modeling is being conducted in order to identify potential critical areas in the watershed. Maps of the [NPDES Phase II Communities](#), [dams](#) in the watershed and of the [federally regulated facilities](#) have been created. The latter was developed by linking to the U.S. EPA Enviromapper program. Pages from the [Lake Michigan Lakewide Management Plan](#) illustrating tributary loading to the lake have been extracted and posted on the website.

What's Next?

Nonpoint source modeling is utilizing the U.S. EPA BASINS program. An on-line GIS Applet, which allows viewers to turn layers on and off and identify attributes in the watershed such as county names, is being developed for the website.

What's Needed?

Steering Committee input is needed to help us find additional sources of information. This can include bibliography entries or spatial data (CAD or shapefiles). We also welcome feedback on the items presented in this bulletin. A [discussion board](#) has been developed for the website. You can provide information there or contact us directly at nott@kieser-associates.com.
