



Michigan's
Nonpoint Source
Program

Federal Clean Water Act
Section 205(j) Grant
Tracking Code 2016-0107



Hillsdale Conservation District
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Bean Creek Watershed Management Plan

January 1, 2017 through June 30, 2019

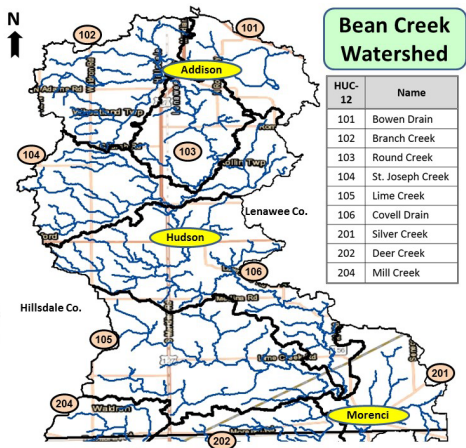
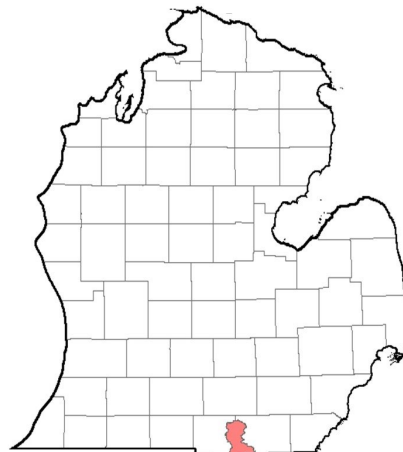
The Bean Creek Watershed Management Plan identifies prioritized Recommended Action Items for three different geographical areas in the 278 square mile watershed that drains into the Tiffin River, the Maumee River, and ultimately into western Lake Erie. Development of the plan combined field inventory information with the data assessment to identify critical areas and recommended BMPs. Based on information collected through the agricultural inventory process, maps were developed that highlighted priority fields for plan implementation. A major goal of the plan is to develop producer-generated information, which describes both the economic and environmental benefits of implementing conservation practices in the Bean Creek watershed.

Grant Amount: \$155,900
Match Funds: \$ 43,400

Total Amount: \$199,300

Best Management Practices:

- Nutrient Management
- Cover Crops
- No-till and/or Reduced Tillage
- Riparian Buffers / Filter Strips
- Water Quantity Management
- Whole Farm Conservation Systems
- Wetland Protection / Restoration



Location of the Bean Creek watershed in the south-central portion of Michigan's Lower Peninsula

I&E Activities:

- Nutrient Management Field Days
- Cover Crop Field Days
- Expand Center for Excellence Demonstration Farms
- Use of Facebook Page to Disseminate Information
- Development of I&E strategy focused on critical areas
- Use Michigan Agriculture Environmental Assurance Program to connect with producers on priority fields

Partners involved:

- Hillsdale Conservation District
- Lenawee Conservation District
- Michigan State University Extension
- Michigan Farm Bureau
- Natural Resources Conservation Service
- Center for Excellence
- Michigan Department of Environment, Great Lakes, & Energy
- Michigan Department of Agriculture & Rural Development

Project Area Photos



**Bean Creek
at Packard Road**



Bean Creek at USGS gage



**Livestock Operation
(Bean Creek watershed)**



**Lime Lake Inlet
Conservation Easement**



**Shrub wetland along
Posey Creek
(Somerset Road)**



**Nutrient Management Field Day
(Hillsdale Conservation District)**