



CLINTON-MAIN WATERSHED MANAGEMENT PLAN WORK PLAN & LAND USE AND PLANNING ANALYSIS

Project Highlights:

- Improve water quality in the Clinton-Main subwatershed
- Develop an inter-community group that works together to identify water quality problems within the subwatershed and generate effective solutions
- Create planning documents that will meet the Phase II permit requirements
- Evaluate each community's planning and development documents to determine how well natural resources are currently being preserved and protected

The Clinton-Main Watershed group was formed to address the State Phase II permit requirements. Phase II of the Clean Water Act is intended to regulate the manner in which communities manage storm water, or non-point source water pollution. Members of the Clinton-Main subwatershed include sixteen communities, educational organizations, and other municipal agencies in Oakland County. The subwatershed contains a broad range of large-lot residential, suburban, and urban land uses.

Beginning in the fall of 2003, this group came together to develop a plan that would guide them through the Phase II process. They did this with the assistance of a grant from the Army Corps of Engineers. Through the grant, the Corp approved a consulting team that included SAIC, a national engineering firm, Tilton and Associates, wetlands and surface water specialists, and Carlisle/Wortman Associates (CWA), community and environmental planning specialists.

The first step in this project was to develop a work plan that provides step-by-step guidance in the organization and substance of the watershed management plan. As part of the consulting team, CWA developed and drafted components of the work plan that included evaluation and recommendations for existing community planning documents in areas that were particularly critical for this subwatershed. Following this initial step, CWA has continued to work with the group by assisting in the development of the Watershed Management Plan. We recently conducted a land use analysis that identifies recommendations for each community on how to address issues of water quality. A key part of this baseline study was to evaluate each community's planning and development documents and determine how well natural resources are currently being preserved and protected. Analysis of existing and future land uses, demographic data, and growth trends was also completed.

