

CHAPTER 5. PROGRESS AND EVALUATION

To ensure successful implementation of the Land & Water Resource Management Plan, goals and objectives are to be reviewed and evaluated several times throughout each year.

- At staff progress meetings, staff will discuss work products, such as stream bank erosion projects.
- An annual evaluation report will be provided to the Land Conservation Committee. Conservation partners will be invited to attend.
- An annual progress report will be completed and forwarded to the Wisconsin Department of Agriculture, Trade and Consumer Protection, and Wisconsin Department of Natural Resources.
- Milwaukee County and the Wisconsin Department of Natural Resources will continue to meet quarterly to discuss issues relevant to the Land Water Resource Management Plan.
- The County will continue to maintain an on-going dialogue with the public (See Public Participation in Appendix 1) during the development and implementation of projects.

MONITORING AND EVALUATION

Monitoring the improvement of the land and water resources of Milwaukee County will indicate the actual measure of success of the Land and Water Resource Management Plan.

While there may not be dollars available for in-depth monitoring, monitoring programs are already in place. Milwaukee County will continue to work closely with partners who provide monitoring information and will encourage expansion of their monitoring programs.

Monitoring programs to be utilized include such programs as those referenced in Table 11: Monitoring Programs in Milwaukee County (see below).

TABLE 11: MONITORING PROGRAMS IN MILWAUKEE COUNTY

Program	Participants	Monitoring
NR 216 Monitoring	Wisconsin Department of Natural Resource, Milwaukee County staff and consultants	Sampling storm sewer outfalls for chloride, originating from de-icing salts (proposed)
Milwaukee Metropolitan Sewerage Water Quality Monitoring	Milwaukee Metropolitan Sewerage District	Sampling portions of the Milwaukee River, Menomonee River, Kinnickinnic River, Lincoln Creek, Oak Creek, Root River, and the Lake Michigan harbor and shoreline areas for a variety of physical, chemical, and biological parameters
Water Quality Studies	United States Geological Survey	Sampling Lincoln Creek sediments for PCBs, various streams in the Milwaukee River Watershed for Cryptosporidium and other pathogens, and sampling General Mitchell International Airport outfalls and Wilson Park Creek for glycol (de-icing agent)
Menomonee Valley Benchmarking Initiative	Milwaukee Metropolitan Sewerage District, Wisconsin Department of Natural Resources, United States Geological Survey, University of Wisconsin Milwaukee, Menomonee Valley stakeholders	Sampling streams within the Menomonee River Watershed for dissolved oxygen, conductivity, temperature, turbidity, flow pattern, bacterial (E. Coli) counts, aquatic Index of Biotic Integrity (IBI)
Testing the Waters	High School Students throughout Milwaukee County	Sampling Milwaukee River for turbidity, phosphorus, dissolved oxygen, etc.
National Water Quality Assessment Program	United States Geological Survey	Sampling in Milwaukee River watershed for suspended solids, Biological Oxygen Demand, phosphorus, macro-invertebrates
Lake Michigan Monitoring Program	Great Lakes Water Institute	Sampling the Milwaukee Harbor for temperature, water clarity, water chemistry, phytoplankton and zooplankton abundance, and bacterial and plankton productivity
Self-Help Lake Monitoring	Landowners, interested citizens, Wisconsin Department of Natural Resource	Sampling Scout Lake and Upper Kelly Lake for water clarity, chlorophyll, phosphorus, temperature, and dissolved oxygen, etc.