



MAEAP Water Use Reporting

PROGRAM MANAGER: Abigail Eaton | 517-284-5612 | eatona@michigan.gov

The Water Use Reporting Program requires all water users having a capacity to withdraw water quantities of 100,000 gallons per day or greater to report their use on an annual basis. Agricultural users report to the Michigan Department of Agriculture and Rural Development at no cost. All other industries report to the Michigan Department of Environmental Quality (MDEQ) for a fee. Water users are required to submit their annual reports to the State of Michigan by April 1 of the following year.

IMPACT FOR MICHIGAN:

On December 13, 2005, the Great Lakes Governors and Premiers signed the Great Lakes-St. Lawrence River Basin Water Resources Compact (Annex 2001), implementing agreements to provide unprecedented protections for the Great Lakes-St. Lawrence River Basin. Annex 2001 stipulates that within five years of the effective date, each state will create a program for the management and regulation of new or increased large withdrawals to ensure an effective and efficient water management program. The Water Use Reporting Program is Michigan's solution to meeting Annex 2001.

FY18 ACCOMPLISHMENTS:

- Managed reporting for approximately 1,910 user accounts, representing 3,879 farms reporting water use for more than 10,761 large capacity pumps.
- Worked with the Michigan Department of Technology, Management and Budget to finalize and rollout an updated user and administrative database. The new database will allow for transfers and better tracking of changes in pump ownership and leasing, providing continuity in withdrawal history.

MEASURING SUCCESS:

Metric	FY13	FY14	FY15	FY16	FY17
Users submitting water use on-line	1,416	1,452	1,457	1,463	1,430
Pumps reported	7,579	7,996	8,207	8371	8637
Withdrawal from groundwater (%)	76	77	76	77	77
Withdrawal from surface water (%)	24	23	24	23	23
Irrigated acres reported	533,160	553,889	566,112	595,576	598,311
Water withdrawal (billion gallons)	109	98	105	127	129
Water withdrawal (acre feet)	333,183	302,120	322,651	385,460	399,490

FY19 PROGRAM GOALS:

- Assist users in the transition to the new reporting database.
- Work on historical backlog of pump transfer requests and edits that could not be addressed in the previous reporting system.



KEY STAKEHOLDERS

- Agricultural large quantity water use operations
- State governors and premiers of Canadian provinces in the Great Lakes Basin
- Great Lakes Commission
- Agriculture industry groups
- International Joint Commission
- Conservation districts

LEGAL AUTHORITY:

- Natural Resources and Environmental Protection Act, Public Act 451 of 1994, Part 327 (Great Lakes Preservation), as amended