

What is the Mahomet Aquifer Consortium?

The Mahomet Aquifer Consortium's (MAC's) MISSION...to further study the Mahomet Aquifer on a regional basis and to develop options for the management of this valuable resource.

Professionals concerned about the long-term quantity and quality of water from the aquifer formed the Mahomet Aquifer Consortium (MAC) in 1998. MAC members come from water authorities, water companies, all levels of government, academic institutions, and the general public. MAC members understand the important need to improve our knowledge of the Mahomet Aquifer and to apply that knowledge to help assure its quality and productivity for future generations.

Why is the Mahomet Aquifer Important?

The Mahomet Aquifer and the overlying shallow aquifers are vital groundwater resources for the 14 central Illinois counties they underlie. They supply residential, agricultural, commercial, power generation, and industrial water to a 4,000 square mile area that is home to about 810,000 people. Champaign-Urbana, Clinton, Havana, Hoopeston, Lincoln, Mahomet, Morton, Paxton, Pekin and Rantoul all sit on top of the aquifers.

The heavy demand on the aquifers is expected to increase substantially in the future. The region is expected to grow by 100,000 people in the next two decades, and many communities may switch from surface water to groundwater. Decatur, Danville, Bloomington and Springfield may all tap into the Mahomet Aquifer if their surface water reservoirs can no longer meet increased demand and water quality standards.

Goals of MAC

- 1 Develop options to manage the groundwater resources of the Mahomet Aquifer system in a sustainable manner.
- 2 Secure funding for the collection and analysis of data to:
 - assess existing & future water supply/demands under variable climatic conditions
 - develop a comprehensive understanding of the geology from the uppermost bedrock to ground surface and groundwater flow through these geologic units and its interaction with surface water
 - identify capture zones
 - identify potential groundwater quantity problems
 - identify potential groundwater quality problems
- 3 Deliver user-friendly products.
- 4 Educate the public about the Mahomet Aquifer and groundwater in general and provide information to educators.
- 5 Provide for scientific expertise to assist in identifying and implementing future groundwater management strategies.

Questions?

Contact any MAC Executive Board Member –

Mel Pleines	Mackinaw Valley Water Authority, Minier	309/392-2719
Dorland Smith	Illinois Water Authority Association, Havana	309/543-3147
Sharon Martin	Piatt County Board, White Heath	217/687-2628
Tom Berns	Berns, Clancy, and Associates, Urbana	217/384-1144
Craig Cummings	City of Bloomington, Bloomington	309/434-2225
Nancy Erickson	Illinois Farm Bureau, Bloomington	309/557-3153
Barry Suits	Illinois American Water Company, Champaign	217/373-3243

MAC Web Site: <http://www.mahometaquiferconsortium.org/mac.html>

Mahomet Aquifer Consortium Partnership

To help the MAC achieve goals, we need your support to pursue state, federal and local funding, maintain and intensify MAC's educational efforts, and provide local support for scientific studies and the development of management options. MAC is a voluntary 501c3 organization with no current regular funding. Contributions to MAC are tax deductible.

WHO CAN HELP? Industry, Commerce, Cities, Villages, Counties and Individuals.

PLEASE HELP SUPPORT THIS VITAL WORK! Your contributions will help establish an administrator whose work will sustain our volunteer efforts to pursue state and federal grants and develop management options.

Organization/Individual Name:	Address, telephone and e-mail address:
Contact Person/Title:	

Suggested Contributions...

Platinum MAC Partnership

An initial contribution of \$10,000 or more

Sustaining MAC Partnership

An annual contribution of \$5,000

Supporting Partnership

An annual contribution of \$2,500

Corporate Partnership

An annual contribution of \$1,000

Individual Partnership

A contribution of \$500 or more

Other Contributions

A contribution of any amount

In addition to becoming a MAC member and having the opportunity to attend regular MAC Member meetings, you will be invited to a special annual session to honor MAC partners and discuss issues.

Please complete and mail to:
Mahomet Aquifer Consortium
201 Devonshire Drive
Champaign, IL 61820

Make checks payable to: Mahomet Aquifer Consortium