

MGE Stormwater Filtration Demonstration Project

Lake Monona and the Yahara River are getting a little help from an innovative parking lot stormwater filtration system installed by Madison Gas and Electric (MGE). The system, considered a Best Management Practice by numerous agencies, will filter out many contaminants that normally run off paved surfaces during rainstorms.

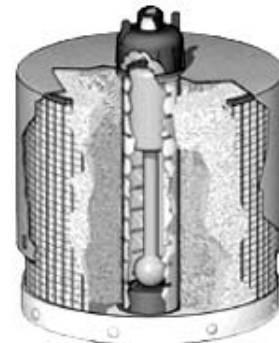
Our corporate campus is on the isthmus and very close to Lake Monona. As your community energy company, we are responsibly cleaning up our stormwater runoff and encourage other businesses to follow our example.

The \$50,000 filtration system is one of the first installations of its kind in Wisconsin. The system filters water from a 1.39-acre parking lot used by MGE and State of Wisconsin employees in downtown Madison.



The new system uses replaceable cartridges containing several types of filter media to remove:

- Sediments.
- Oil and grease.
- Soluble metals.
- Organic compounds.
- Phosphorus.
- Nitrogen.



Removing contamination from stormwater runoff helps reduce toxins that degrade water quality and nutrients that promote weed and algae growth in our lakes and rivers.

Additional funds will be spent to monitor project results. MGE will share evaluation findings and experience with government agencies and area businesses to encourage implementation of this advanced technology.

MGE's partners in this demonstration project include Earth Tech, an engineering firm; Stormwater Management Inc., a manufacturer of stormwater filters; the U.S. Geological Survey; and the U.S. Forest Products Research Lab. The overall project is being coordinated through the Wisconsin Department of Natural Resources.

For more information about this project, contact Jim Montgomery, MGE Facilities Management, (608) 252-7349.

For more information about this technology, visit www.stormwaterinc.com.