

**BOARD OF REGENTS**  
EASTERN MICHIGAN UNIVERSITY

SECTION: 1
DATE: November 20, 2013

**RECOMMENDATION**

**ACTION REQUESTED**

It is recommended that the Board of Regents approve Eastern Michigan University's submission of the Michigan Department of Environmental Quality (MDEQ) Storm Water Asset Management and Waste Water (SAW) Grant Application.

**STAFF SUMMARY**

The Michigan Department of Environmental Quality (MDEQ) is soliciting applications from municipalities and universities throughout the State for grant monies to establish management plans for the sewage and storm water. This grant opportunity is often referred to as Storm Water, Asset Management and Waste Water Grant Program, or (SAW).

The scope of work associated with the grant application can be sub-divided into three parts: Sanitary Sewer Asset Management Plan, Storm Sewer Asset Management Plan and SAW Storm Water Management Plan. Each of these categories would use GPS to identify and map locations of EMU's existing assets, television inspection of all of underground sewage lines and the installation of flow meters to collect flow data and measure and analyze capacity.

The benefit of obtaining the grant would be the creation of a sewage master plan for main campus that would be utilized as the foundation of any upcoming permitting or work on the existing sewage system. This will reduce future engineering costs associated with design and permitting of new construction or renovation associated with buildings, parking lots or any other capital improvements on campus that require sewage service. In addition, it further enhances the University's commitment to engage in best practices associated with the discharge of our sewage effluent.

**FISCAL IMPLICATIONS**

The total cost of this service would be \$1,410,000, which would be borne by the grant, with the exception of a \$186,000 match that for which EMU would be responsible. The EMU portion could, in part, be offset by providing in-house services.

There are no cost implications if the grant is not awarded.

**ADMINISTRATIVE RECOMMENDATION**

The proposed Board action has been reviewed and is recommended for Board approval.

**John Donegan**  
Vice-President, Operations and Facilities

**Date**

## **Michigan Department of Environmental Quality (MDEQ) Grant Application Executive Summary**

As part of their strategic water quality initiative, the Michigan Department of Environmental Quality (MDEQ) is soliciting applications from municipalities and universities throughout the State for grant monies to establish management plans for the sewage and storm water. This grant opportunity is often referred to as Storm water, Asset Management and Waste water grant program, or (SAW).

Originally, SAW grants were limited to municipalities in Michigan. However, opportunities for application for grant dollars has recently been extended to Universities throughout the State.

The scope of work associated with our grant application can be sub-divided into three parts: Sanitary Sewer Asset Management Plan, Storm Sewer Asset Management Plan and SAW Storm water Management Plan. Each of these categories would use GPS to identify and map locations of our existing assets, television inspection of all of our underground sewage lines and the installation of flow meters to collect flow data and measure and analyze capacity. The work would be performed by Fishbeck, Thompson, Carr & Huber, Inc. a professional engineering firm located within the State of Michigan.

The total cost of this service would be \$1,410,000 of which EMU would be responsible for a \$186,000 match, which could, in part, be offset by providing in-house services.

The benefit of this grant to the University would be the creation of a sewage master plan for main campus that would be utilized as the foundation of any upcoming permitting or work on our existing sewage system. This will reduce future engineering costs associated with design and permitting of new construction or renovation associated with buildings, parking lots or any other capital improvements on campus that require sewage service. It also demonstrates the "good will" that the University is committing to the community in providing "best practices" associated with the discharge of our sewage effluent.

The grant application requires approval of our Board of Regents prior to submission.

John Donegan  
November 7, 2013