

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

Facilities & Services

Physical Plant Service Building
1501 South Oak Street
Champaign, IL 61820



Stephanie Lage
Assistant Director
Center for a Sustainable Environment
615 E. Peabody, Room 163
Urbana, IL 61801

April 12, 2013

Dear Ms. Lage:

Last year, the University of Illinois at Urbana-Champaign began a proactive and holistic process to achieve water conservation on our campus. We had already achieved a 19% reduction in water use between fiscal years 2008 and 2012, primarily through the increased use of low-flow fixtures in university buildings. To achieve our next goal to reduce water use by a total of 40% from 2008 levels by 2025, we are now looking at the 63 miles of water distribution lines which provide potable water to the campus.

In May 2012, the Utilities division performed a survey of the water lines owned by the university, in order to identify leak locations. By determining where there are undetected water main and water service leaks in the university system, we will be better able to reduce unaccounted for flow, and conserve both water and money. The survey found 19 leaks, and the Utilities division has already begun addressing them. The five worst leak locations have already been repaired, with a result of approximately 35,000 kgal/day savings in water usage. We are now working with campus to accelerate the repair process to stop the waste of this valuable environmental resource.

Thank you,

A handwritten signature in black ink, appearing to read 'Thaddeus Bales'.

Thaddeus Bales
Engineering Specialist
Facilities and Services