**Project:** ISTC Campus Water Use Study

**Funding Source:** Sustainable Campus Environment Fee

**Funding Amount:** $10,000

**Receiving Campus Unit:** Illinois Sustainable Technology Center

**Unit Financial Officer:** Margaret Morrison

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**Project Description:**

This proposal looks to reduce the usage of water on campus by conducting a study of the “true cost” of water used campus. The project first seeks to determine the quantity of water used and extrapolate the “true cost” of this water. From this point, the project wishes to study the quality of water currently being discharged as “blowdown” with the hope of finding a mechanism of reuse. With this data, pathways of water consumption reduction are expected to be identified. The identification of said pathways will allow for examination of differing methods of water use reduction. Following this, mechanisms of reuse of wastewater in areas such as landscape irrigation will be studied. The project is expected to then result in the ability of water to be reused in whatever locations are most cost-effective. The project itself is not going to result in any tangible change in the short-run, but it is expected to yield data that can be used by campus departments such as F&S for the eventual reduction of campus water-usage. Its goals fall into line with the Climate Action Plan, which outlines a 40% reduction of campus water usage by 2025. Thus, the Student Sustainability Committee is in favor of funding a grant in the amount of $10,000.

**Student Sustainability Committee:**

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Suhail Barot, 10-11 Committee Chair Jenny Koys, 10-11 Committee Treasurer

Date Approved: \_\_\_\_\_\_\_\_\_\_\_\_ Date Approved: \_\_\_\_\_\_\_\_\_\_\_\_

**Office of Sustainability:**

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Steve Sonka, Vice-Chancellor for Public Engagement,

Interim Director, Office of Sustainability

Date Approved: \_\_\_\_\_\_\_\_\_\_\_\_