



### Funding Award and Acceptance Letter

April 24, 2017

Project: Metering of Raw Water at BIF

Dear Mx. Berens:

On behalf of the University of Illinois at Urbana-Champaign Student Sustainability Committee (SSC), I would like to thank you for considering the funds raised by the Sustainable Campus Environment Fee to implement a project that improves the sustainability of our campus. SSC is pleased to inform you that we are recommending to the Institute for Sustainability, Energy, and Environment (iSEE) that your project **receives \$5,000 in grant funding**.

In order to remain eligible for this award, you must agree to the following conditions:

1. A final report of all work completed should be provided to the SSC Program Advisor by May 31, 2019. Project status updates and detailed account statements must be provided at the end of each semester until the project is completed.
2. The CFOP provided for this award shall strictly be used for the money awarded in this proposal.
3. Project must adhere to the scope of work and funding as defined in the attached project summary.
4. Any substantial modifications to project scope, budget, or timeline must first be approved by SSC. These requests must be submitted in a formal letter to the Chair and Program Advisor.
5. All projects will be expected to follow campus policies and procedures as well as any applicable State and Federal laws.
6. SSC reserves the right to revoke funding if the project does not comply with the terms and conditions outlined in this letter.
7. Any press releases or educational/promotional materials involving the project should acknowledge SSC funding. Any signage involving the project or events surrounding this project should include SSC's logo and/or a statement of which fee funded the project. Projects must coordinate with SSC to ensure promotion appropriately highlights the SSC's contributions to the project.
8. Projects must participate in the Campus Sustainability Symposium at least once before June 30, 2020.

If you agree to the terms and conditions for the funding, please sign on the designated line at the bottom of this letter. If you have any questions regarding these requirements please contact the Chair, Paul Couston, at [pcousto2@illinois.edu](mailto:pcousto2@illinois.edu) or the SSC Coordinator, Micah Kenfield, at [kenfield@illinois.edu](mailto:kenfield@illinois.edu). You will be notified when the Institute for Sustainability, Energy, and Environment and Vice Chancellor for Student Affairs officially approves this project. Again, thank you for your interest in improving the sustainability of the University of Illinois at Urbana-Champaign. We look forward to working with you in the future.

**SSC Signatories**

A handwritten signature in black ink that reads "Paul Couston".

Paul Couston, Chair  
Student Sustainability Committee

A handwritten signature in black ink that reads "Ashley Yu".

Ashley Yu, Treasurer  
Student Sustainability Committee

**Awardee Signatory**

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John Berens  
Applicant

**iSEE Signatory**

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Dr. Evan DeLucia, Director  
Institute for Sustainability, Energy & Environment

**Student Affairs Signatory**

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Dr. Renee Romano  
Division of Student Affairs



## Project Information

### **Project: BIF Raw Water Metering**

**Funding Source:** Sustainable Campus Environment Fee

**Funding Amount:** \$5,000

**Receiving Campus Unit:** F&S

**Primary Contact:** John Berens

**E-mail:** [jberens2@illinois.edu](mailto:jberens2@illinois.edu)

### **Project Description:**

The Business Instructional Facility (BIF) was constructed with a separate raw water system that conveys non-potable water for the purpose of flushing toilets. While the system is in place, it was never connected to an outside source of non-potable water largely due to current non-progressive plumbing codes. Metering the raw water system at BIF would provide data about the temporal total and non-potable water demand in a typical class/office building. F&S installed a temporary meter to measure flow to the raw water system and operated this meter for approximately one month between April and May 2016, which yielded promising results. In particular, for the month that the meter was in place, results indicated about 2/3 of the water used in BIF was for the non-potable lines. Because building usage can vary dramatically during the year, it is recommended to install a meter permanently. Once the meter is installed, the data is intended to be used to support changes to plumbing codes, allowing raw water to be used more easily, as well as changes to the campus construction codes, requiring that separate raw water systems be installed in new buildings and during major renovations of existing ones.

This proposal directly funds:

1. An additional meter for the BIF Raw Water line
2. Installation costs