

Progress Report - Campus Sustainability Fund

December 2022 - Campus Bathroom Retrofit Project

Email:

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Project Manager Name:

Halley Hughes

Project Name:

Campus Bathroom Retrofit Project

Project Subaccount Number:

AG 23.55

Project Summary Snapshot:

Please copy and paste the "Summary Snapshot" you provided in your project application.

Hydrocats, a water-focused committee of Students for Sustainability, collaborated with Facilities Management (FM) to identify and retrofit outdated bathroom fixtures on campus. Committee members have manually reviewed and updated toilet fixture counts and flush rate data from FM in bathrooms at several high-traffic campus buildings. Hydrocats found the Koffler building to have the highest number of inefficient fixtures. Upon funding of this grant, FM will replace the building's fifty high-water-use toilets and urinals with newer and more efficient fixtures, reducing water usage for building bathrooms by 60%. Hydrocats will also add QR codes to these bathrooms to increase maintenance issue reportability. This project will save roughly 250,000 gallons of water per fiscal year.

Requested Metrics:

Please report your project's metrics and their most recent number or response in a list format.

of toilets/ urinals replaced: 0

Efficiency metrics (water and energy saving/ year): None

\$ of rebate money received: \$0

of people scanning the QR code : 0

of people in the core project team involved in planning and execution of the project (if they're a student/ staff/ faculty etc): 36

of hours spent on this project (broken up by students/ staff): Staff hours: ~10 Student hours: 60

Project Accomplishments :

Please describe what aspects of the project have been accomplished. Be as descriptive and specific as possible. Examples of accomplishments could include: Held 4 public meetings totaling 130 attendees; Transitioned 300 square feet of dirt into usable garden space and signed on 14 community garden volunteers. Other examples of accomplishments could include sharing a confirmed schedule of events, the connections/contacts that have been established, etc.

The Hydrocats have completed the infographic that will accompany the QR codes placed in the retrofitted bathrooms. Over two weeks, 15 Hydrocats collaborated to determine the wording, layout, and graphics for the infographic. The project managers and Mr. Hoffman filled out the necessary forms for the toilet replacement rebates from Tucson Water and got in contact with Tucson Water's facilities lead. The Project Managers and the CSF team figured out how to incorporate rebate funding into the financial structure of CSF grants. The install date for the toilets has been set for January 9th, 2023.

Next Steps:

Please detail the next steps for your project, numbering each step. (ie, 1.Connect with X Department to collaborate on the event, 2. Contact the catering options to confirm pricing, 3. Interview candidates for internship).

1) We will get approval for QR modality from Koffler building managers. This will determine if the QR code will be a poster, a sticker, or another modality. It will also determine where they will be placed in the bathrooms. The SFS budget will be used to cover the cost of the stickers. 2) We will print out QR codes and get them ready for installation. This will occur as soon as the first step is completed and the Hydrocats reconvene for the spring semester. 3) We will follow up with FM for the completion of the toilet installation by the third week of January. Depending on part deliveries and other tickets received, FM will not take longer than two weeks to install. Hydrocats can be present and take pictures of the retrofitting. 4) The Hydrocats will install QR code stickers and post the infographic on the Office website (or as an external file) so people can view it. We will endeavor to find a way to track the number of people who have clicked on it.

Challenges Faced:

Please identify and describe any obstacles/roadblocks you or your team have experienced, and detail how you've managed them/ will manage them. Should your project already be completed, please note what challenges you faced and what you would do differently.

Working with Tucson Water (TW) is very time-consuming, as they are incredibly busy and hard to contact. We faced challenges in getting the correct TW toilet specifications and matching them to the parts FM has. This had to be done to get the rebate money and save the most water possible. A majority of this communication was handled by Mr. Hoffman. Another roadblock was getting the QR code situation worked out and the specific details of its functioning. We're still behind in asking the office for the potential to host it (permission was informally granted but specifics were not). If this is not how we can store the infographic, we will have to figure out another way to do so.

Project Support:

Can the CSF support you in addressing any roadblocks you've encountered? How else can the CSF support your project?

The CSF has done an amazing job supporting us, FM, and others on this project. We all appreciate the hard work you all put into organization, management, and morale. We will need approval for the infographic, which is uploaded below because it has the CSF logo.

Photo Link:

Please copy hyperlinks to photos here should you not be able to individually upload photos.

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Media/Links:

Please include links to any media coverage or events information (e.g. news, social media, websites, interviews, etc.)

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