Progress Report - Campus Sustainability Fund

May 2023: Campus Bathroom Retrofit Project

Email:

halleyhughes@arizona.edu

Project Manager Name:

who is submitting this project?

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.

Response

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committee of Students for Sustainability, collaborated with Facilities Management (FM) to identify and retrofit outdated bathroom fixtures on campus.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.

Response

# of toilets/ urinals replaced: So far, the Plumbing Shop has invoiced a total of $27,178.80 for materials and labor. They've completed approximately twelve (12) fixtures so far. Most of the billing so far has been for stage materials; they have twenty-three toilets and eighteen urinals already purchased and delivered.

- 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: ~40

- Student hours: 70

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.

Response

Toilets are IN ! FM is dutifully installing fixtures as they arrive and are planning to take advantage of the summer lull to install more. The FM sign shop also has all of the materials to create the QR sticker design and are in progress. The finished infographic is linked to a QR code and is ready for viewing!

Next Steps:

Response

1) Ask for a timeline for the fixture installation from FM

2) Ask for a timeline for the sticker design from the sign shop to ensure installation before July

3) Approve design for the QR sticker, get approval from the building manager to install them

4) Put out all the stickers!

5) Track the fixture installment and track the number of scans

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.

Response:

Doing a grant alone during the end of the year was very hard personally as I have had personal health issues and a lot to juggle. FM is always slow to initiate and execute, so staying on top of them as well has been hard. A lot of this project is out of my hands - ie waiting for toilets - so I'm trying my best!

Project Support:

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

Response:

Maybe having CSF also helping to keep FM accountable could produce more results from them.

Photo Upload:

Please upload or provide links (below) to relevant photos.

Response:

* screenshot-2023-05-23-at-11.04.47-am.png
[https://sustainability.arizona.edu/system/files/webform/csf_progress_report/352/screenshot-2023-05-23-at-11.04.47-am.png]

* screenshot-2023-05-23-at-11.08.29-am.png
[https://sustainability.arizona.edu/system/files/webform/csf_progress_report/352/screenshot-2023-05-23-at-11.08.29-am.png]

Photo Link {Empty}

Photo Link:

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

Response:

{Empty}

Media/Links:

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

Response:

{Empty}