

**Sustainability Fee Project Grant Report Guidelines**  
for grants awarded during FY2020  
Due by 5pm August 15, 2020  
Email pdf or word doc to [cfs@georgiasouthern.edu](mailto:cfs@georgiasouthern.edu)

*Please provide the following information in order to help the Center for Sustainability document the success of the Sustainability Fee Grant Program.*

**Date:** August 4, 2020

**Name(s):** Melissa Gast-Goodman & Dr. Daniel Gleason

**Unit/Department(s):** ICPS & Biology

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**Phone:** (912) 478-5564

**Project title:** Bottle Fillers for the Natural Sciences Building

**Amount granted:** \$1,996.00 original, amended budget provided another \$1,500.00: total \$3,496.00

**Amount spent:** \$1,194.82

### ***I. Project Outcomes/Value***

***The purpose of this project is to reduce the use of plastic bottles and waste, as well as conserve water. Installation of each bottle filler occurred on 9/23/2019 and 9/30/2019. As of 8/4/2020, the two bottle fillers in the Natural Sciences Building have saved a combined total of 4,604 bottles of water.***

**Project Timeline** - Is your project *completed* or still *in progress*?

***Project is complete***

**Project Outcomes** -List the *proposed* project goals/objectives and *actual* outcomes of the grant. Describe any successes, challenges and observations.

***The proposed project goals were to encourage re-use, reduce the use and disposal of plastic bottles, and provide students, faculty and staff who are already utilizing water bottles a place to refill inside of the Natural Sciences Building instead of walking over to the Russell Union or to the Math/Physics Building. The project appears to be successful with no challenges to report.***

**Sustainability Improvements** – clearly state how your project has improved campus or community sustainability and explain how you assessed the improvement. If funds were used to purchase products intended to reduce energy, water use, waste, labor cost, etc., please provide information and calculations that show the expected return on investment for your grant.

***Using the [H2O Distributors Bottled Water Calculator](#), the two bottle fillers in Natural Sciences have saved 1,430 gallons of extra water required for production and purification of bottled water, 463 megajoules of energy required for manufacturing bottled water, 114 gallons of oil required to produce the plastic bottle(s) and 863 lbs of CO<sub>2</sub>e to manufacture the plastic bottle(s). These bottle fillers have also saved the consumer \$6,896.79 in bottled water purchases.***

**Outreach** – how did you publicize your Sustainability Fee grant/project? Please attach copies of all publicity (news articles, web pages, fliers, newsletter, etc.) associated with your grant. If no publicity measures have been taken yet, what are your plans for publicity of your project? ***No publicity measures***

*were taken, we plan to utilize Twitter to notify the campus community that we have bottle fillers in our building.*

**Budget report-** provide an explanation of how all funds were used and explain any deviation from the original budget. *Original budget of \$1,1996.00 was thought to be too little to cover the project expenses, another \$1,500.00 was granted by the Sustainability Fee Committee. However, only \$1,194.82 was spent in total and the remaining funds were transferred back to the Center for Sustainability.*

## **II. Student and Community Impact**

*Because these grant funds come directly from a \$10 Student Sustainability Fee, it is important to document how they benefit students. Please provide information on the following:*

**0**, Undergraduate students employed by the grant, and length of employment (# hours/week for x weeks)

**0**, Graduate students employed by the grant, and length of employment (# hours/week for x weeks)

**0**, volunteers involved in the project, including total # of volunteer hours

**4,604**, students reached through classes or other means

**0**, community members reached

### **Grant Leverage**

*Were you able to leverage your work for additional outcomes? Indicate the following if they apply.*

**No**

Presentations given on grant work (indicate if local, regional, national, international, list title and conference name and date)

Papers published, in press or in preparation (indicate student authors with an asterisk)

Grants leveraged (list granting agency, amount awarded)

### **Project abstract**

Provide a one paragraph abstract of the completed project **and several photos** (preferably including some of the people involved with the project at work) to be posted on the CfS web page. Also include links to all web pages on which this work is discussed or displayed

*On a weekly basis each semester, >2,500 students access the Natural Sciences building for lecture classes and laboratories. The large lecture hall accommodates 250 people and is more often than not, full of students with water bottles. While this building did have classic style water fountains on each of the two major hallways, there were no bottle filler stations available to students, faculty or staff. Given the large population of people who utilize the building daily, it was proposed that the two classic style water fountains be replaced with bottle filler stations. The convenience with which bottles can be filled at the new stations has encouraged re-use, reducing the amount of plastic thrown away, as well as conserving water.*