# *Thank you for your commitment to green initiatives at the University of Illinois. One of the ongoing requirements listed in the terms of the funding agreement for your project is the submission of semesterly reports with key information about your project. In addition to this form, please provide additional financial documentation and/or progress photos if available.*

# *Please be as accurate as possible in describing the project (including possible setbacks or challenges in meeting the initial goals of the project). Not fully meeting your project's goals will not disqualify you from making future funding requests as long as your reports are as complete and accurate as possible. If you have any questions, please contact the Student Sustainability Committee, at* [*sustainability-committee@illinois.edu*](mailto:sustainability-committee@illinois.edu)*.*

**Project Name:** Filify 3D

**Date of Report Submission:** 1/31/2018

**Project Purpose:**

This project aims to reduce plastic waste on campus by collecting and recycling 3D printer

waste back into 3D printer filament. We hope to make a sustainable business out of the project

that’ll provide a source of income for community members or students in need.

**Detailed Accounting of Expenditures to Date:**

See attached in email. Roughly $100 was spent during the course of the semester; because the amount was so small, Enactus covered the costs and no grant money was used. Therefore, the accounting is the same as the previous semester’s.

**Project Progress to Date:**

As stated in the previous report, our project currently possesses all the machinery necessary to take 3D printer waste and recycle it into filament. Last semester was mostly spent focused on our production capabilities and product quality. This included creating standardized procedures for production, testing our filament on a 3D printer, continuing to collect plastic from printing facilities such as MEL and MakerLab, and beginning the implementation of a closed-loop feedback control system for our extrusion line to improve production autonomy. So far, we have collected over 200 kg’s of used plastic. This semester’s main objectives will be to begin selling our filament and establishing the project as its own NPO.

**Student Involvement and Outreach to Date:**

So far, 18 students have been directly involved on the project, and roughly 10-20 have been indirectly involved through collaboration with student employees who work for MEL’s Innovation Studio and MakerLab. We have a goal of expanding our team this semester as we begin recruiting outside of Enactus.

**Marketing and Promotion Efforts to Date:**

Most marketing to date has been through displaying our logo along with SSC’s on collection containers set up at different printing facilities. We have also created a short video that explains the project through a grant application which required it. This semester, an entire team will be devoted to marketing, promotion, and outreach.

**Additional Comments:**

Because our project is looking to spin off this semester from Enactus into its own legal entity, we would like to set up a time to speak to make sure our project is still in compliance with SSC’s rules for using their funding.