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Respondent

1

Nicholas Puddicombe

14:51

Time to complete

1. Date of this semester progress report submission *

1/10/2025

2. Name of project exactly as it was listed in your award letter *

Precious Plastics UIUC Recycling Station

3. Date of original award letter *

5/25/2024

4. Date of expiration listed on award letter (or on scope change approval if more recent) *

5/25/2026

5. How much was your award (i.e., original award plus any approved budget increases)? *

\$48,961.99

6. How much of your award has been spent to date (in dollars)? *

\$26,458.20

7. Date of forecasted project completion *

8/1/2025

8. Have you submitted one or more semester progress reports previously? *

☐ YES☒ NO

9. Describe, in detail, what has been completed on the project since the last semester progress report (or since the project commenced if you have not yet submitted a semester progress report)? *

The Plastics Recycling Station at SCD project is right on track thanks to the support of the Student Sustainability Committee grant funds and continued input from the students in the Maker Network RSO. The recycling system has been purchased, set up, and tested in the SCD garage using plastic waste collected in our 3D printing lab. Below is an overview of the project status from the Fall 2024 semester:

Develop space for the Precious Plastics UIUC equipment at SCD, using the existing loading garage and storage cages 6/5/24 - 8/9/2024 Complete!

Order equipment from FilaBot and Precious Plastics, ~8 weeks for delivery 7/1/24 - 10/15/24 Complete!

Assemble equipment in place 10/15/24-12/5/24 Complete!

Perform test runs using waste from SCD plastics 11/1/24 - 12/5/24 Complete!

Develop and implement training standards for equipment use by staff and students 11/1/24 - 12/5/24 In Progress

Debut and promote recycling station at Maker Network 25, an event produced at SCD that brings campus makers and facility managers together 1/7/25 - 1/15/2025 Scheduled: 1/15/2025

10. Describe, in detail, the project's challenges/obstacles since your last semester progress report (or since the project commenced if you have not yet submitted a semester progress report)? *

We have not encountered any challenges yet, though we expect to learn a lot as we do our initial testing of the equipment and filament quality.

11. Describe, in detail, the project's successes since your last semester progress report (or since the project commenced if you have not yet submitted a semester progress report)? *

Creating the first spool of recycled 3D printed filament was a milestone towards making this a sustainable resource for campus. This was achieved once the filabot system was received, set up, tested, and run for the first time. We have also identified and appointed student workers who will move this project forward in Spring.

12. Did your project have any changes to its team that SSC should know about (e.g., project lead, faculty/staff advisor, departmental financial contact)? *

NOTE: If yes, please complete the SSC Project Contact Information Change Form located at this link: <https://forms.office.com/r/uBjx9nmNpG>

☐ YES

☒ NO

13. Complete and upload the semester financial documentation for your project. You should reflect all expenditures since your last semester project report. We strongly suggest that you also upload supporting financial documentation from Banner for your award CFOP. NOTE: When your project is completed and/or expired (whichever comes first), any remaining project funds will be transferred back to the SSC.

<https://studentengagement.illinois.edu/sites/default/files/2024-09/SSC-Budget-Timeline-SEMESTER-PROGRESS-REPORT-template.xlsx>

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 [SSC-Budget-Timeline-SEMESTER-PROGRESS-REPORT - Nicholas Puddicombe.xlsx](#)

14. (OPTIONAL FOR SEMESTER REPORT) Upload project marketing and/or media not previously submitted in semester progress reports.

NOTE: Project marketing and/or media must include SSC's logo and/or a statement of which fee(s) funded the project.