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Respondent

2

Daphne Hulse

18:11

Time to complete

Final Project Report

1. Date of this final project report submission *

01/22/2025

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

Greening the Garage: Oil Filter Crusher

3. Date (or semester/year) of original award letter *

12/04/2023

4. Expiration date of award as listed on original award letter or approved scope change letter - whichever is more recent *

12/03/2025

5. Enter the amount of the award, including any budget increases as a result of a previous scope change. *

\$4,455.00

6. How much (in dollars) of your award (including previous approved budget increases) is remaining? *

\$0.00

7. Briefly describe the goals of your project. *

The Facilities & Services Transportation & Automotive Department (TAS) manages fleet services for the entirety of campus including maintenance and repair at the garage, vehicle rental, and all vehicle purchases. Metal oil filters are used regularly to remove solid contaminants such as dirt, debris, and metal fragments. Approximately 1500 filters are used per year, and currently landfilled. The project allowed for the purchase of a hydraulic oil filter crusher which removes up to 95% of the oil so the filter can be recycled via a metal recycler in Urbana. The residual oil collected can then be reused again.

8. Did you complete your project as it was outlined in the original award letter or in a subsequent approved scope change? *

- ☒ Yes, the project was completed as originally outlined.
- ☐ No, the project was not completed as originally outlined.

9. On what date did you consider the project finished or that you stopped working on it? *

04/09/2024

10. Describe, in detail, the challenges / obstacles your project faced. *

No challenges or obstacles faced; the project was straightforward.

11. Describe, in detail, the successes your project experienced. *

Approximately 1500 oil filters are now diverted from landfill every year, and the residual oil collected gets to be reused again. Now, all staff who work at the garage are familiarized with this process (including interns/summer trade high school groups), so they can be more environmentally mindful in their work.

12. Describe, in detail, how your implemented project addressed sustainability. *

This project addressed zero waste focused sustainability issues surrounding landfilled waste, recycling, and reuse.

13. Describe, in detail, how your project integrated student involvement and community outreach. *

The garage hosts several tours each year for the campus community and surrounding partners (Parkland, Champaign-Urbana groups). Speaking about the sustainable endeavors of the garage increases community awareness for the issues, and highlights how the university is taking accountability for its opportunity to become a better environmental steward.

14. Describe how the project engaged individuals from underrepresented groups and/or how it promoted diversity, equity, and inclusion. *

Each year during the summer, F&S hires high school interns to become more familiar with the career paths within the trades. During the summer, interns are familiarized with sustainability processes in the garage such as this oil filter crusher. Not only has this project allowed a university-owned unit to become more sustainable, but the impact has expanded outward to also impact high school, trades-focused individuals to become more aware of and invested in sustainability.

15. What key takeaways should the campus community know about your project? *


Every program/project on campus has the opportunity to become more sustainable in its own unique way - this project is an example of understanding the sources of waste at the garage and solutions that exist to address it.

16. Describe the marketing material developed for promotion of your project, including but not limited to advertising (including digital) and/or signage related to this project. All marketing must include SSC's logo and/or a statement of which fee funded the project. Projects must coordinate with SSC to ensure the promotion appropriately highlights the SSC's contributions to the project. *

<https://fs.web.illinois.edu/Insider/2024/04/09/crushing-it/>

17. Upload project marketing and/or media not previously submitted in semester progress reports. *

 [IMG_7030-Trim_Daphne Hulse.mp4](#)

 [2000w_DSC7722_Daphne Hulse.jpg](#)

 [DSC7720-scaled_Daphne Hulse.jpg](#)

18. Complete and upload the final 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's CFOP. Any remaining funds will be transferred back to the SSC. It is the sponsoring department's responsibility to close the CFOP after the account is at a zero balance.

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

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 [Greening the garage_Daphne Hulse.xlsx](#)