



SP0138 Final Report

Please answer the following questions and return the completed form to the [SPF Staff](#) via e-mail.

Project Title: Laird Hall Zero-Waste

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Actual Project Start Date: 8/28/2016 **Actual Project End Date:** 12/13/2016

1. Please summarize the project and its key accomplishments in 1-2 sentences.

(400 characters maximum)

The goal of the project was to implement a Tri-Bin waste sorting system in Laird Hall to improve waste diversion. We were unable to install the bins, but we focused on educational campaigns and saw some improvement in waste segregation, as measured by waste audits.

2. Did your team achieve your project's goal? In your answer, please describe the impact your project had on McGill's structures, processes, and/or systems. Also, please specify how this positively transformed people's behaviors/perspectives/habits on McGill campus(es).

(Unlimited characters, suggested minimum ½ page or approximately 250 words)

Our team was ultimately unable to achieve our original goal due to difficulties presented by Campus Housing based on the janitorial staff's inability to take on the additional tasks presented by the new waste system, based on staff shortages. Additionally, we realized that there is a large lack of awareness towards proper waste diversion, so we focused on education since there are already reciprals for compost, recycling and garbage. By talking to students and staff in Laird Hall we were able to improve overall waste segregation, as well as gain a better understanding of the complex system there. Going forward, we are better able to target the areas with the greatest lack of knowledge towards waste management. Although our initial goal was not achieved, we feel more capable moving forward to tackle the these issues on campus more efficiently.

3. Please describe the key successes and challenges of your project. (Minimum of two examples for each)

(Unlimited characters, suggested minimum ½ page or approximately 250 words)

Successes:

- Conducted 3 waste audits on the entire Laird Hall residence. This gave us considerable data and trouble spots to target.
- We improved the educational materials available through new permanent posters in each kitchen, as well as a series of "Weekly Waste Watch" updates. These provided a "Green Tip" and a specific target for each kitchen every week.

Challenges:

- Working with the campus housing definitely posed many challenges. We ultimately didn't achieve our goal in full, but even before that the process was very slow as we faced a lot of resistance at each step. There were many set backs in the organization and coordination as the staff at Laird Hall didn't approve of the main goal of our project.
- There was a lack of organization in our project team. This was due to a lack of communication between the members and the responsabilites being divided among too many people. This also contributed to a lack of efficiency and the set-backs working with administration.

4. What key points of advice or *lessons learned* would you give to other SPF teams either regarding your experience managing your project or the project itself?

(Unlimited characters, suggested minimum ½ page or approximately 250 words)

We would stress communication as a crucial component to any project. This includes within your own team, as well as with all stakeholders involved. Having support from all stakeholders at all points during the project is essential. In our situation, our team was reopening the project, so the administration we were working with had changed and was no longer able to support us as they previously had done. Additionally, setting achievable goals and being realistic is very important. It is very inefficient to continue working towards something when it is not supported by all stakeholders. Sometimes it is necessary to step back and reevaluate what progress is possible.

5. What recommendations do you have for the future of this project to be continued and are there any opportunities for complementary projects? Who will take responsibility for the project’s future and how can interested persons be in touch? The SPF team will also be in touch with this contact for updates on the project’s progress in coming years, if ongoing.

(Unlimited characters, suggested minimum 1 paragraph)

The Gorilla Compost Club will continue the waste education efforts at Laird Hall. We plan to encompass Laird Hall in our efforts towards the whole campus. Right now this will not be an official SPF project, as we hope to work with administration to implement a more permanent solution to waste diversion issues going forward in the residences.

6. In your application, you listed the following sources of funding: LHSHC \$500

Please confirm if you received this funding in the space below. In your response, please list the actual amount (in dollars) that you received. Note: If you received funding from a McGill Department or Unit, please attach a letter from its Financial/Budget Officer confirming the actual amount of support.

(1,800 characters maximum)

We did not receive any funding from LHSHC. The only funds were received from SPF.

7. Did you purchase equipment or make an installation on campus? Yes No

If yes, please briefly describe how these items will be maintained and used in the future.

(1,800 characters maximum)

The tri-bins that we built will not be able to be used in the campus residences. We plan to offer them to anyone in the SPF or McGill community who can repurpose them for another sustainability related initiative.

8. At the beginning of your project, you submitted a work plan or impact metric that included target measurables or indicators of your project’s success (e.g. # of tons of GHG emissions reduced). Please pick 3 indicators that best showcase the success of your project and complete the table below. To share updates on other indicators that you set, please attach an appendix to this report.

Selected Key Success Indicators	Target #	Actual #
Amount of waste diverted	15 kg	6kg
Number of waste audits	2	3
Number of educational campaigns	2	4

If there is a significant difference in the target numbers and the actual numbers achieved, please explain. If you have any additional information to share about these success indicators, please also include it below.

(1,800 characters maximum)

The number of waste audits and number of educational campaigns was higher than the target because we moved the goal of the project more to education rather than the building of the bins. We saw waste diverted, but not to the extent we had hoped for.

9. Please complete the table below for the Standard SPF Key Success Indicators, if the data is available.

Standard SPF Key Success Indicators	Actual #
# of volunteers directly or indirectly engaged in the project	5
# of people (student, staff, or other) trained in the context of the project	5
\$ raised for project activities subsequent to SPF funding	0
# of partnerships or collaborations developed between the project team and other McGill administrative units, student groups, community groups, other universities, and/or other groups/organizations.	5

Regarding the last Key Success Indicator, please list the groups and/or organizations that you counted.

(Unlimited characters; point form acceptable.)

CERES, Gorilla Compost, Residence Life, Student Housing and Hospitality, Facilities Management

If you have any additional information to share about the Standard SPF Key Success Indicators, please include it below. (1,800 characters maximum)

10. Please rate your project team’s overall satisfaction with the support provided by the SPF Staff. Choose only one response.

- Very Dissatisfied
 Dissatisfied
 Neither Satisfied Nor Dissatisfied
 Satisfied
 Very Satisfied

11. Please provide any feedback or recommendations regarding your team’s experience with the SPF.

(Unlimited characters, suggested minimum 1 paragraph)

We really appreciate the support of the SPF staff. It was very helpful in keeping up to date with the project, even though we know we often were behind deadlines on certain forms, etc. We also received support in how to work with other people based on past SPF initiatives.

12. If there is additional information you would like to share about your project, please use the field below.

(Unlimited characters)

13. Has involvement in this SPF project positively impacted your team in the area of professional growth?

Please choose one. If you would like to elaborate, please use the field below. (800 characters maximum)

- Yes
 No
 Prefer Not to Share

14. Has involvement in this SPF project positively impacted your team in the area of personal growth?

Please choose one. If you would like to elaborate, please use the field below. (800 characters maximum)

- Yes No Prefer Not to Share

We have learned a lot about communication, both within a group and with the stakeholders that are involved.

15. Which of the following skills or attributes has your team improved through involvement in your SPF project? Choose all that apply.

- | | | |
|---|--|--|
| <input type="checkbox"/> Budgeting | <input type="checkbox"/> Networking | <input type="checkbox"/> Systems Thinking |
| <input checked="" type="checkbox"/> Communications | <input checked="" type="checkbox"/> Planning | <input checked="" type="checkbox"/> Teamwork |
| <input checked="" type="checkbox"/> Conflict Resolution | <input checked="" type="checkbox"/> Problem Solving | <input type="checkbox"/> Technology |
| <input checked="" type="checkbox"/> Leadership | <input checked="" type="checkbox"/> Project Management | <input checked="" type="checkbox"/> Time Management |
| <input checked="" type="checkbox"/> Listening | <input type="checkbox"/> Public Speaking | <input type="checkbox"/> Writing |
| <input type="checkbox"/> Mentoring | <input checked="" type="checkbox"/> Stakeholder Engagement | <input type="checkbox"/> Other (Please specify in the field below) |
| <input checked="" type="checkbox"/> Negotiating | <input type="checkbox"/> Stakeholder Identification | |

Other:

16. Since starting your SPF project, has your team improved its knowledge of sustainability?

Please choose one. If you would like to elaborate, please use the field below. (800 characters maximum)

- Yes No Prefer Not to Share

Working on this project has brought us to do more personal research on waste diversion issues, as well as brought groups together who are working on similar initiatives. We have left feeling motivated and better equipped to work on future sustainability projects!

17. (Optional) If applicable, please list the total number of team members voluntarily self-identifying as members of marginalized communities:

Please identify the represented communities below. (e.g. women, Indigenous people, people of colour, LGBTTQI, student parents, members of ethnic minorities, immigrants, people with disabilities)

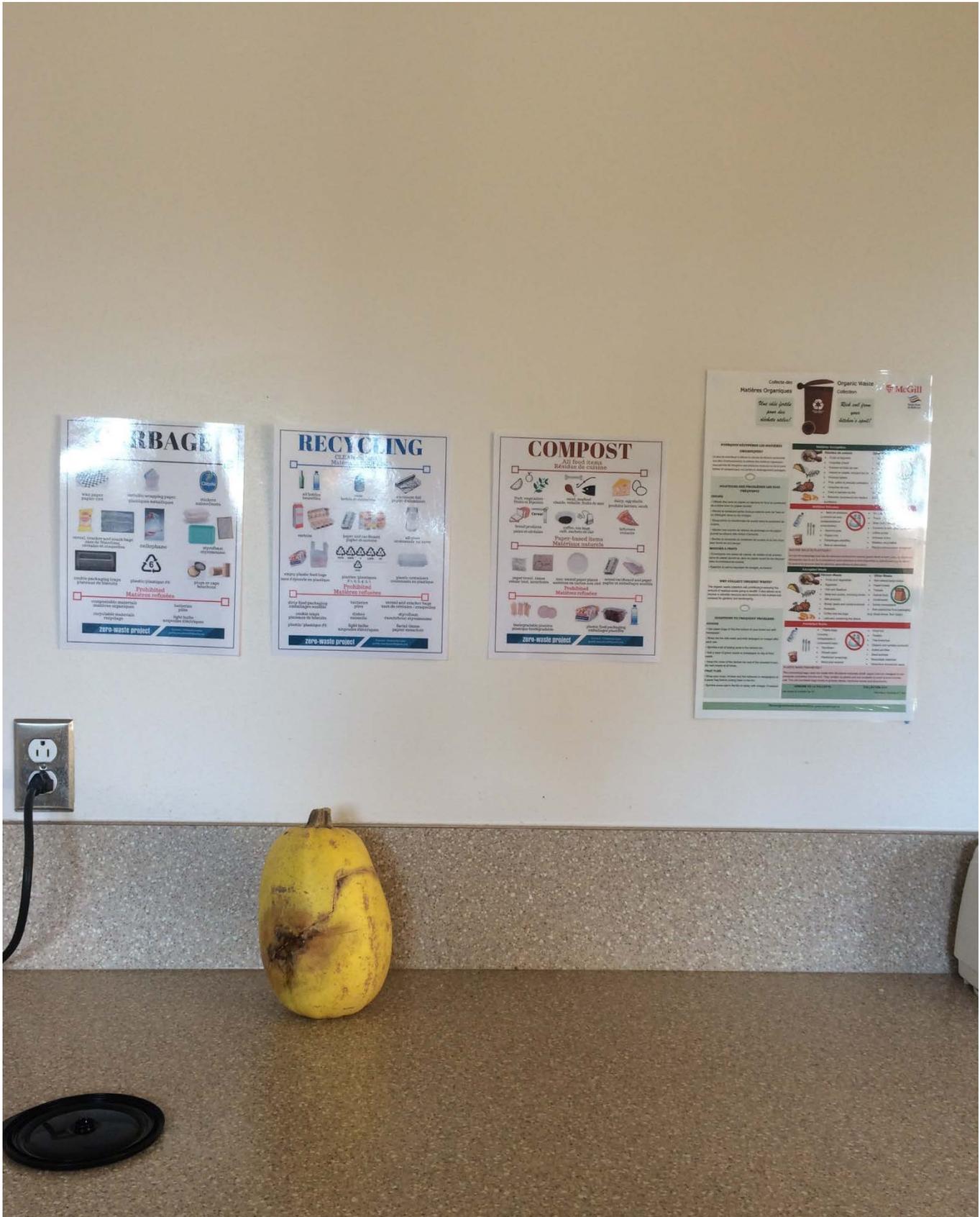
(1,800 characters maximum)

women, people of colour, LGBTTQI, members of ethnic minorities

Thank you for completing your Final Report!

Please e-mail your report to the [SPF Staff](#) attaching any additional information that you would like to share about your project (e.g. other reports, research, documents, photos, etc.). Please note that this Final Report will be shared publicly on your SPF project's webpage.

Examples of New Permanent Posters



Examples of New Permanent Posters



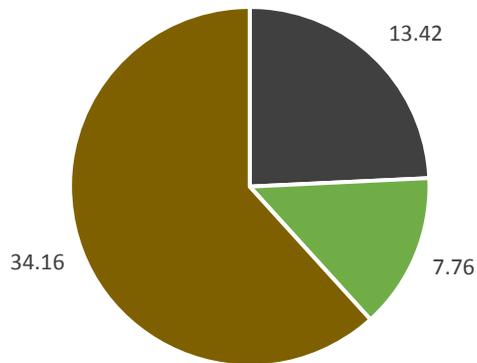
Waste Audit - October 6

O	Garbage (kg)	Compost (kg)	Recycling (kg)	Notes
1	0.15	0.88	0	Compost bin: 0.83kg (There was a 0.01kg piece of plastic in the small compost bin)
1A	0.44	3.63	0.69	There were a 500-g and a two 100-g yogurt containers full of yogurt and 1/3-full coke bottle
2	0.26	2.91	0.6	
2A	0.86	6.75	0.82	There was a half-empty jar of pasta sauce.
3	0.39	1.32	0.95	
3A	0.43	2.53	0.28	There were five full "Activia" yogurt cups and one 500-g Liberté full yogurt container.
4	0.29	0.66	0.51	
5	1.09	0.52	0.07	Compost bin: 0.95kg
	3.91	19.2	3.92	

Waste Audit - October 20

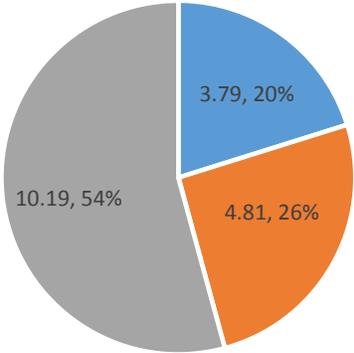
Floor	Garbage (lb)	Recycling (lb)	Compost (lb)
1	0.34	0.22	1.16
1a	0.7	0.64	4.78
2	0.84	0.48	4.12
2a	2.7	0.78	13.96
3	0.8	2.62	2.6
3a	6.54	2.28	4.04
4	0.64	0.46	1.5
5	0.86	0.28	2
Total:	13.42	7.76	34.16

Laird Hall Waste Audit - Oct. 20, 2016



Waste Audit - December 1

Floor	garbage (Kg)	recycling (Kg)	compost (Kg)
1	0.12	0.08	0.74
1A	0.38	0.48	1.59
2	0.33	0.23	1.18
2A	1.46	0.39	3.94
3	0.33	1.62	0.29
3A	0.66	1.55	0.87
4	0.18	0.32	0.35
5	0.33	0.14	1.23
	3.79	4.81	10.19



■ 1 ■ 2 ■ 3

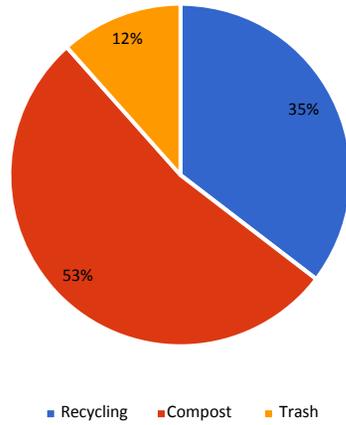
Waste Audit - April 11

Floor	Recycling Clean	Soiled Recycling	Recycling	Compost	Trash	Total Waste
1A	0.06	0.66	0.72	1.3	0.2	2.94
2A	0.15	1.77	1.92	3.54	0.64	8.02
3	0	0.84	0.84	0.75	0.18	2.61
3A	0.12	2.24	2.36	2.02	0.39	7.13
4	0	0.59	0.59	1.51	0.46	3.15
5	0.04	0.14	0.18	0.78	0.29	1.43
Total	0.37	6.24	6.61	9.9	2.16	25.28

0.354043921

Additional Notes: No trash collected from Floors 1 and 2, and no hazardous waste found
All values in kg

Larid Hall Waste April 11, 2016



Waste Audit - April 11 - Data by Bag

Floor	Bag	Recycling (kg)	Soiled recycling (kg)	Total recycling (kg)	Compost (kg)	Trash (kg)	Hazardous waste (kg)
3	1	0	0.84	0.84	0.75	0.18	0
3A	1	0.07	0.46	0.53	0.58	0.12	0
3A	2	0.05	1.78	1.83	1.44	0.27	0
1A	1	0.06	0.4	0.46	0.27	0.09	0
1A	2	0	0.26	0.26	1.03	0.11	0
2A	1	0	0.26	0.26	0.85	0.27	0
2A	2	0.06	0.45	0.51	1.56	0.23	0
2A	3	0.09	1.06	1.15	1.13	0.14	0
4	1	0	0.59	0.59	1.51	0.46	0
5	1	0.04	0.14	0.18	0.78	0.29	0