

Tufts Mountain Club Compost

Funding a compost system for the TMC Loj

What is the Loj?



- Located in Lincoln, NH
- Hub for off-campus outdoor recreation
- Managed by TMC
- Houses 70 guests
- Hosts TMC weekend retreats (POC, Queer, and Peak Weekend), as well as alumni and guests

Project Background and Need



We propose funding an outdoor composter for the TMC Loj.

Tufts students preparing a communal dinner. Source: TMC

- **700 + Tufts students, alumni, and guests** visit the Loj annually.
- **6,600 gallons of waste** (including organic kitchen waste) generated annually.
- All waste goes to Lincoln Transfer Station for landfill, incineration, or recycling.
- Previous compost discontinued due to **bears, rodents, and lack of planning/management.**



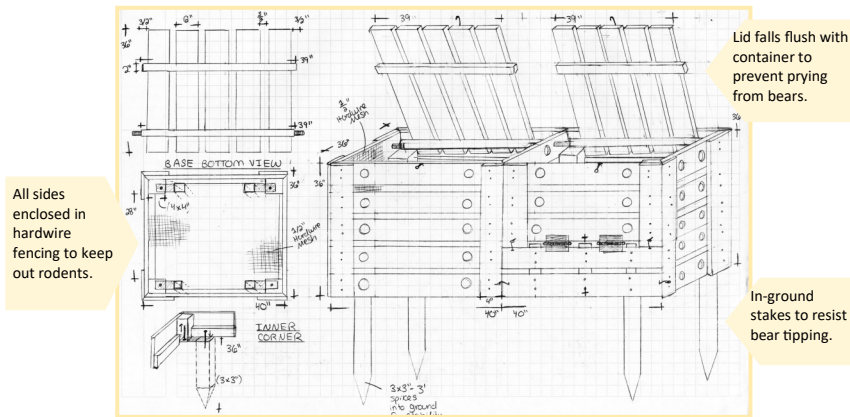
Tufts students at POC Weekend Fall 2019. Source: TMC

Design Goals

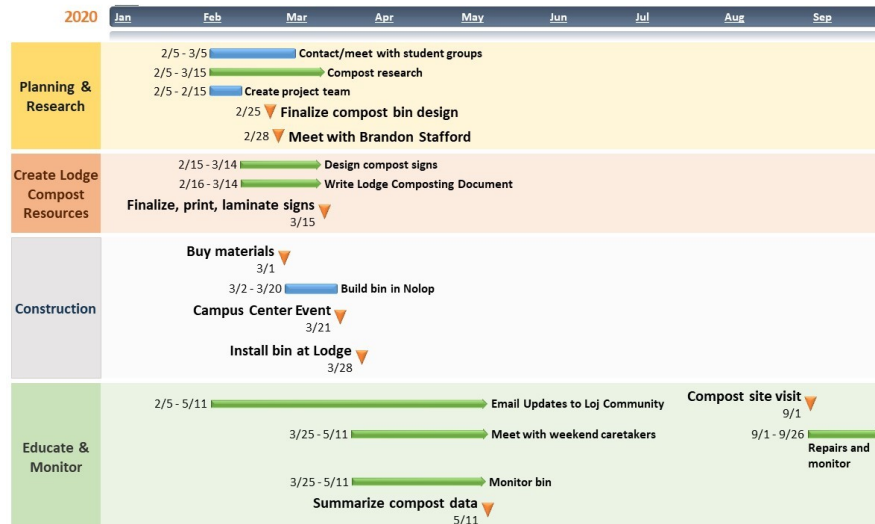
- Minimize bear and pest activity
- Ensure long term sustainable management of food waste
- Secure meaningful uses/destinations for compost

Design Solution

- Two-bin outdoor composter
- Manage compost through TMC Executive Board, caretakers, and Loj guests
- Fully decomposed compost to be used on-site and/or donated to Tufts Garden Club



Timeline



Budget

Budget Breakdown	Total Cost
Bin Construction	\$524
Operation	\$353
Maintenance and Repair	\$495
Educational Components	\$55
Campus Center Event	\$40
Total Requested	\$1,470

Project Impacts

The TMC composting project will:

- **Be 100% student designed and built.**
- Foster **collaboration** between student organizations faculty, and alumni
- Teach **basic design and carpentry skills** to student volunteers in Nolop maker space

Teach 700 students and Loj guests to compost properly every year.

- Motivate Loj guests to **compost on campus and at home**
- Train 20+ caretakers each semester in **detailed compost management**

Reduce greenhouse gas emissions.

- Divert estimated **660 gallons organic material** per year from waste stream



Tufts students making ravioli at the Loj. Source: Katie Harrison