



Campus Waste Profile

Macalester College
Summer 2017

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Table of Contents

Policy	2
Bin System and Design	3
Compost	4
Dining	5
Student Reuse	5
Institutional Reuse	6
Waste Hauling	7
Stadium, Facilities, and Events	7

Policy

<i>What funding is available for sustainability projects?</i>	<u>Small Projects Fund</u> - For Sustainability projects up to \$1,000. It is open to students, staff, and faculty .
<i>What student groups are working on sustainability projects?</i>	<ul style="list-style-type: none"> ● <u>Sustainability Student Network</u> - A group for student workers working on sustainability projects in various departments (Sustainability, Facilities, Document Services) to meet up and talk about their projects ● <u>MacCARES</u> (Macalester Conservation and Renewable Energy Society) - A student run group that focuses primarily on campus sustainability initiatives and engagement ● <u>MacFEAST</u> (Macalester Food, Ethics, Advocacy & Sustainable Transition) - A student food justice and sustainability organization ● <u>Food Recovery Network</u> - Students package Cafe Mac leftovers and freeze into meals for a local shelter ● <u>MULCH</u> (Macalester Urban Land and Community Health) - A student group that runs the campus garden and upcoming chicken coop
<i>Has your campus declared a "Zero Waste by ___ Goal" as of 2017?</i>	Yes, <u>Zero Waste by 2020</u> . This goal was formulated in 2008, as defined by the <u>2005 International Zero Waste Alliance Guidance</u> , or 90% reduction of non-divertible waste from 2008 waste levels. Today (2017), the diversion rate varies around 70-83%.
<i>Do you have a centralized procurement office?</i>	There is a Procurement Office, but purchases are not centralized; departments tend to procure their own stuff. Central storage makes bulk purchases for compostable dishware.

<i>Do you have language in your procurement contracts that prioritizes waste mitigation?</i>	<ul style="list-style-type: none"> • The Sustainability Plan has suggestions for Zero Waste purchasing. • Bottled Water Ban (2011) - Bottled water cannot be purchased with college money.
<i>Is there curriculum on campus that is focused on waste reduction, the circular economy, and/or social entrepreneurship?</i>	<p>Environmental Studies courses touch on these topics. Students interested conducting research or starting a project related to campus sustainability can find helpful resources, including past student projects, on the Sustainability Office's Living Laboratory page.</p> <p>Macalester has a new Entrepreneurship Office, which often collaborates with Sustainability due to student overlap. A recent library renovation created MacSpace, an entrepreneurship shop and collaborative working space.</p>

Bin System and Design

<i>Do you have single- or multi-stream recycling?</i>	Single stream
<i>Do you have a consistent bin system across campus?</i>	Yes, for the most part. Bins are consistently labeled, and are either slim jims, or a fancier model depending on the location. The art wing has a few special bins that the Art Department installed. Bin consistency was established through collaboration with Minnesota Waste Wise and Eureka Recycling.
<i>Do you have a bin standardization policy for all bins on campus?</i>	Changes to the bin system all go through Facilities. In new spaces, Facilities collaborates with architects on design placement.
<i>Do you have a preferred vendor for new bin purchases?</i>	<ul style="list-style-type: none"> • Rubbermaid, U-Line (slim jims) • Max-R (for fancy bins)
<i>Do you have uniform waste signage?</i>	Yes, and as of Fall 2017 updated signage designed by Alyssa was placed across campus.

<i>Do you have mobile bins for outdoor events?</i>	Previously used collapsable cardboard bins, but transitioning to plastic bins.
<i>Do you have an office program that promotes desk-side recycling?</i>	Yes, offices can have their desk-side trash removed, leaving participants to take their own trash and compost to the hallway. This operates on an opt-in basis, and Facilities has experienced difficulty getting departments to participate.
<i>Areas for improvement</i>	Removing waste bins from offices. (Many members of faculty and staff would like three bins in their offices, but this is not something that Facilities can handle.)

Compost

<i>Does your campus have composting?</i>	Yes
<i>Is it pre-consumer and/or post-consumer?</i>	<p>Both</p> <ul style="list-style-type: none"> • Campus-wide - All organics are composted • Dining Hall - Food scraps are sent to a pig farm, and other organics are composted
<i>How is it hauled and processed?</i>	<ul style="list-style-type: none"> • Compost - One employee gathers compost from around campus and brings it to a collection point by the stadium. From there, the hauler brings it to The Mulch Store's (SET). • Pig feed - Food waste is collected in the dining hall by Bon Appétit. Barthold Farms comes to the dining hall to pick up the food scraps in a converted cement truck that cooks the food once or twice a week, as organized by Bon Appétit.
<i>What system is used?</i>	Windrows
<i>Do you purchase compostable serviceware?</i>	Yes, EcoProducts
<i>Can your system process compostable food</i>	Yes

<i>serviceware?</i>	
<i>Do you have a food recovery program other than compost such as a food pantry?</i>	Yes, Food Recovery Network (see above)

Dining

<i>Who manages your dining facility (in-house, contracted out)?</i>	Bon Appétit
<i>Do outside vendors and caterers have to comply with serviceware or packaging rules?</i>	No, but all items purchased by Bon Appétit that are available compostable, are compostable.
<i>Has your dining hall gone trayless?</i>	Yes
<i>Do you incentivize students to bring or use reusable items through a to-go container program?</i>	<ul style="list-style-type: none"> • Discounts for bringing your own mug • There used to be an Eco-Clamshell program, but to-go containers have shifted to being compostable. The older program may currently be in place, but is not advertised or well-known.
<i>Do you have a reusable straw program?</i>	No
<i>Areas for improvement?</i>	Eventware is often trashed, because there is no catering policy. This could be an area to work on with the Sustainability Advisory Committee.

Student Reuse

<i>Do you have a plan or an initiative to lessen or phase out paper towel use on campus?</i>	No, but paper towels are composted in bathrooms
<i>Do any groups or programs give out complimentary menstrual products?</i>	<ul style="list-style-type: none"> • Facebook group for students in need of menstrual supplies to share with one another in emergency situations.

	<ul style="list-style-type: none"> A while back there was a proposal for distributing reusable menstrual items, but nothing now.
<i>Do you provide students with trash, recycling, and/or compost bins in their dorm rooms?</i>	No, but for anyone who lives or work in St. Paul (including students living off-campus), there is a free neighborhood compost drop-off just by campus that is run by the Community Council.
<i>Do you have a move-in / move-out program?</i>	Yes, Facilities manages move-out. Items are collected and sold in the Fall at a rummage sale run by the Civic Engagement Center to raise money for Habitat for Humanity. More information on move-out.
<i>Do you partner with different groups to run it (e.g. WM, Goodwill, local non-profits)?</i>	Habitat for Humanity

Institutional Reuse

<i>Do you have surplus services on campus? Who can access it?</i>	No
<i>What type of year-round reuse/repair space(s) that exist on your campus (eg. free/thrift store, electronics recycling, repair space, bike repair, etc.)?</i>	<ul style="list-style-type: none"> Mac Free Swap - A small, open free space. Students clear it out and take items to Goodwill occasionally. Sometimes, at the end of the month, it is deluged with donations. The volume of items is becoming a problem, and might risk the swap being shut down. MacBike Shop - The shop is run by the Sustainability Office and bikes be checked out from the library. The shop is mostly for maintaining the library bikes, but also helps students service their own bikes. Supported by MacBike student organization.
<i>Does your campus have any unique or interesting reuse/repair/recycling partnerships (local, national, or digital)?</i>	<ul style="list-style-type: none"> The new entrepreneurship space will have sewing machines and tinkering tools for repair Ramsey county operates Fixit clinics,

	one of which Macalester hosted in the spring of 2017
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Waste Hauling

<i>Who do you work with to haul your waste?</i>	Aspen Waste Systems
<i>How frequently does your contract go up for bid?</i>	Three years, but Macalester has a clause that allows the school to leave their hauling contract at any time if something goes awry.
<i>What program do you use to track your hauling and diversion metrics?</i>	Aspen provides weights from truck scales, but these measures are very variable and clearly inaccurate. More reliable tonnage data is gathered by recording the percentage full each dumpster around campus is, visibly, and then using prior weight data of a full load to calculate the total. This information is put into an Excel spreadsheet for tracking diversion rates, and CarbonSolve, for tracking Macalester's carbon emissions.

Stadium, Facilities, and Events

<i>Do you host any events that are fully Zero Waste?</i>	Yes, all big campus events are Zero Waste events, with special Zero Waste event banner . Bins managed by through reservation system
<i>Do you have any policies or guides for hosting Zero Waste events?</i>	Yes, the Zero Waste Event Guide is available on the Sustainability Office webpage
<i>Do you have any facilities that you consider to be fully Zero Waste?</i>	No
<i>Does your campus do anything to avoid disposable swag?</i>	A few years ago, they stopped giving out reusable water bottles because so many were showing up in the lost and found.

<p><i>Do you have systems for collecting hard to recycle materials?</i></p>	<ul style="list-style-type: none">• Styrofoam - Mac brings for free to a local appliance dealer with a styrofoam recycling machine. The Styrofoam has to be cleaned off first.• Plastic film - A few places on campus collect this• One sided paper - Document services binds one-sided, used paper into notebooks and sells these back to students through store as "Onesies."• Lightbulbs - Run through Facilities Management
<p><i>Do you have a set of procedures in place to recycle/reuse construction and demolition debris?</i></p>	<p>Yes, this is managed by the Construction Team in Facilities. There is over a 90% recycling rate for large buildings, most notably one building that was completely rebuilt into a horse barn.</p>