



Summary for August 2014-August 2015

CBA Green Team

Educating and involving students and faculty about sustainability and using Mammel Hall efficiently

The University of Nebraska at Omaha College of Business Administration (CBA) Green Team was formed in August 2011. The Green Team meets monthly (except June and July) and is represented by every department at CBA. In the past academic year the team accomplished the following:

- CBA Waste and Recycling
- CBA Composting
- CBA Monthly Messages
- CBA Clothing Swap
- Earth Week Activities
 - Water Taste Test
 - Waste Sort
 - Rain Garden Display
 - Transportation Showcase – Solar Car Activity/Alternative Transportation

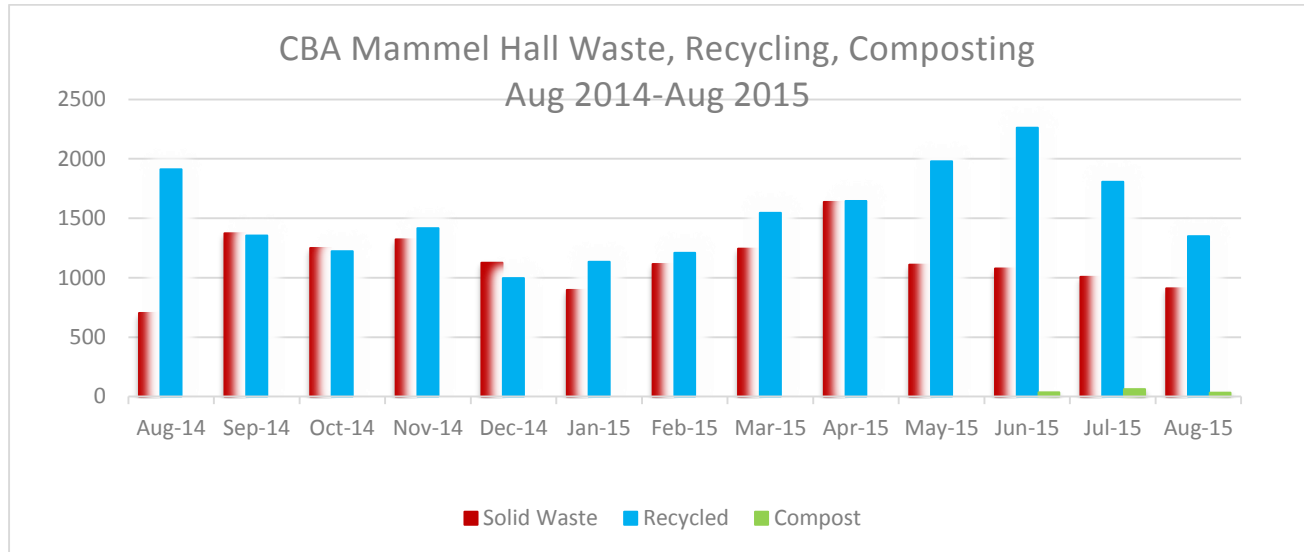
CBA Waste, Recycling, and Composting

Amounts of waste and recycling are collected daily by facilities and data is collected weekly by Green Team members. CBA is a member of the EPA Waste Wise program. Collection occurs to track waste reduction efforts throughout Mammel Hall.

Composting began in June 2015 and remained through August 2015. An effort is being made to continue composting at Mammel Hall through the Fall 2015 semester. Compost bins (four total) were placed in Mammel Hall atrium and near Wohlner's café. Signs were created so students, faculty, and visitors would know what waste could be placed in the compost bin. Signs were also created for the Mammel hall restroom message letting students and faculty know that composting was available in Mammel Hall.

Other recycling efforts include any electronics recycling and secure shredding bin collection. As members of the EPA's Waste Wise program, the re-trac online database was also used to track solid waste and recycling amounts. Below is graphical representation of the waste (red) and recycling (blue) efforts:

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Goals have been set through Waste Wise for the 2015 year. These goals are updated annually on the Waste Wise webpage and include donations, waste prevention, and recycling. The 2015 goals include a one ton increase in waste prevention and recycling as well as a half-ton increase in composting and donation items.

Goals

Identify increase in tons or percentage over previous year:

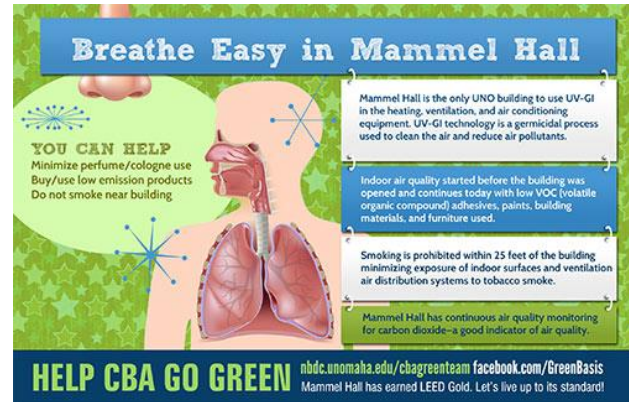
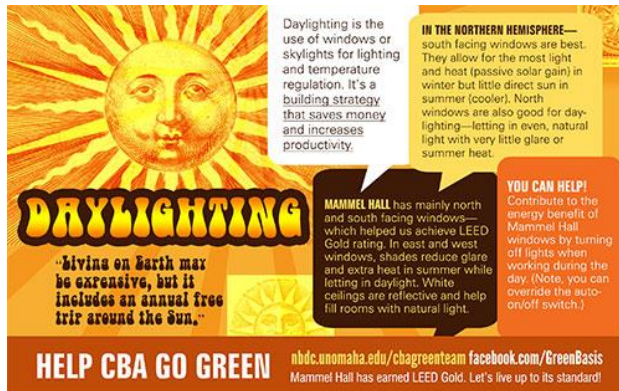
WASTE DIVERSION ACTIVITY	QUANTITY	UNIT (TONS/PERCENTAGE)
Waste Prevention	1.00	Tons <input checked="" type="checkbox"/>
Donation	0.50	Tons <input checked="" type="checkbox"/>
Recycling	1.00	Tons <input checked="" type="checkbox"/>
Composting	0.50	Tons <input checked="" type="checkbox"/>
Combined All Activities	3.00	Tons <input checked="" type="checkbox"/>

CBA Monthly Messages

The Green Team began posting messages to promote and encourage sustainability among students, faculty, staff, and visitors in December 2013; this effort was continued through August 2015. More messages have been planned for the upcoming Fall 2015 semester. Fliers on sustainability tips are posted in the bathroom stalls in Mammel hall every month. Messages include a variety of themes such as paper use, waste management, sustainable or “green” events, water bottle use, repurposing, daylighting, and air quality. A full list is included in the appendix.



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CBA Clothing Swap

The CBA Green Team along with CBA staff members hosted a Clothing Swap for CBA/Mammel Hall students, faculty, and staff. The event was on December 4, 2015 in the Mammel Hall Atrium. Clothing was donated by students and staff prior to the event and day of the event. The event was advertised as part of the Mammel Hall message series. Those interested were able to take any clothing they would like, free of charge, and the clothing left after the event was donated to the Salvation Army.

CBA Green Team would like to host another Clothing Swap in 2015. Green Team members will work on planning the Clothing Swap during Green Team monthly meetings.



CBA Earth Week Activities

Earth Week 2015 was April 20-24, 2015 with Earth Day on April 22, 2015. The Green Team planned a week of events at Mammel Hall to promote sustainability and bring more awareness of CBA Mammel Hall efforts at sustainability. Activities included a waste sort, water taste test, a rain garden display, and a transportation showcase.



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Waste Sort

The waste sort was conducted by Green Team members in order to understand the waste and recycling improperly tossed into the wrong bin. The waste sort underlined the common mistakes of CBA, when it comes to throwing trash in the appropriate bins. It also showed the possibility of adding composting bins to Mammel Hall. Findings were used to bring better understanding through messaging to the students and faculty about what can be recycled and not recycled.

The CBA Green Team and Green Basis have conducted waste sorts of the recycling and trash at Mammel Hall in 2012 and 2013. Below is a comparison of the 2012, 2013, and 2015 data.

In 2012 there was 4% contamination of trash in recycling bins, meaning an item that should have been thrown away was placed in the recycling bin. In 2013 the contamination of trash in recycling bins was 11%. In 2015 the contamination of trash in recycling bins was 6%.

In 2012 there was 24% contamination of recycling in trash bins, meaning an item that should have been recycled was found in the trash. In 2013 the contamination of recycling in trash bins was 12%. In 2015 the contamination of recycling in trash bins was 15%.

The 2015 Waste Sort was the first year that organic material was sorted from the trash and recycling. The amount of organic material (food, liquid, and coffee grounds) found in the recycling was 1% while the amount found in the trash was 36% of the total weight.

Waste Sort – Mammel Hall	2012	2013	2015
Trash			
Contamination (%)	24%	12%	15%
Recycling			
Contamination (%)	4%	11%	6%
Organics (%)	--	--	36%

Water Taste Test

As part of Earth Week at Mammel Hall's College of Business Administration the Green Team conducted a water taste test on Monday, April 20, 2015. The water taste test gave students, faculty, and staff an opportunity to blind taste filtered water, bottled water, and tap water.

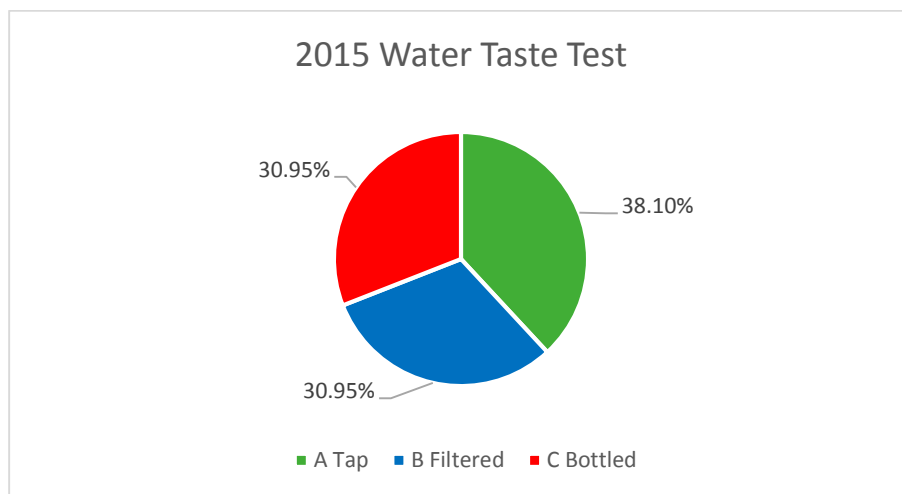
The sources for the different types of water were:

- A) Tap water from Mammel Hall second floor NBDC office
- B) Filtered water from Mammel Hall second floor by NBDC office
- C) Bottled water – Dasani

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2015 Water Taste Test Data

Source	Total	Percentage
A Tap Water	32	38%
B Filtered Water	26	31%
C Bottled Water	26	31%
Total	84	100%

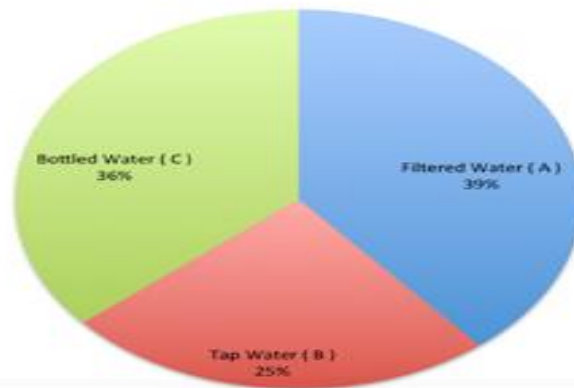


2013 Water Taste Test Data

The CBA Green Team conducted a water taste test during CBA Welcome Week 2013. Volunteers were asked to taste tap water, bottled water, and filtered water (from the hydration station) and choose their favorite. The aim of this test was to determine if filtered water is just as good or preferable to bottled water. There were 182 participants. Tap or hydration station water was preferred to bottled water by 64% of participants. Participants were also provided energy efficiency information on using tap water or filtered water over bottled water. The results from the water taste test are shown in the accompanying pie chart. Filtered water from the hydration stations was preferred to bottle or tap water.

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Taste Test Preference by Water Source



Rain Garden Display

Professor Rodie set up a rain garden display in the Mammel Hall atrium for two days during Earth Week at the request of the Green Team members. The display was visible to all students, faculty, and visitors walking into Mammel Hall and contained a 3D image of a rain garden and information on rain gardens and storm water management.

Transportation Showcase

The transportation showcase was set up outside on the North side of Mammel Hall. The showcase was visible to students and faculty entering and leaving the building and consisted of a Metro Bus, B-cycle display, UNO Outdoor Recreation table, a Zip Car, and MavRide information. The showcase highlighted alternative ways to navigate campus as well as the Omaha metro area. Other activities included a solar car race where students were able to test out two versions of solar car toys and a Dirty Sock Car activity where students were able to test the exhaust from their vehicles. These events were hosted by the Green Team.