

Cline Library – NAU Building #28

Waste Stream Audit Report

October, 2014

Background

A waste stream audit was conducted for the Cline Library at NAU on October 3, 2014. The waste audit was conducted off-site by staff with the Green NAU Energy Initiative. The waste audit was performed to determine the specific types of materials that make up the waste stream from the audited buildings and to analyze the effectiveness of the current diversion program.

The waste sorted during this audit was collected over a 24-hour period on October 2, 2014, including the landfill and recycling waste stream from the entire building. Batteries and other e-waste collections were excluded from this audit. Landscaping waste was also excluded as it is diverted through a compost stream per NAU grounds. The collection period adequately represents the typical waste stream for the building and provides a reasonable collection amount from which to assess the building set's waste stream make up and recycling efforts. Janitorial staff for the building followed the typical collection protocol prior to the waste audit.

Diversion efforts for these four buildings currently support:

- Single-stream recycling of paper, metals, and plastics**
- Collection of e-waste (i.e. batteries and other electronics)

Audit Procedure

The waste was taken off-site to the Facility Services building (bldg. 77). The auditors followed the following steps:

1. Weigh incoming waste
2. Sort incoming waste
3. Compile sorted waste
4. Weigh sorted waste

This process was conducted for the landfill waste and recycling waste streams. Categories for sorting included: non-recyclable, bathroom waste, coffee cups, and wet waste; and recyclable paper, metal, glass, and plastic.



Results

The total amount of waste examined during the audit was **194 lbs** including the following sub-totals for each waste type:

- 38.25* lbs of waste was successfully diverted for recycling
- 155.75 lbs of waste was sent to the landfill

