What is Zero Waste?

- UCOP => 95% landfill diversion (5% refuse)

Data from 2014 Campus-Wide Waste Assessment
Overview of model

Pilot Model: McHenry library chosen as the first facility to test out a true zero waste collection model: observe & gather data identifying problem waste streams to better educate users, and develop efficient campus-wide system.

Project Organizers:
- Sustainability Office
- Physical Plant

Project Roll-Out:
- Recycling staff
- Custodial staff
- S.O. student employees
Data Collection

- Behavioral Observations
- Regular Bin Checks

Outreach

- Feedback has been collected via email
- Tuesday Newsday article

Education

- Tabling at GVC
- 3-D signage
Have we made progress?

Data (from Brad)

<table>
<thead>
<tr>
<th>Month</th>
<th>TOTAL (lbs)</th>
<th>Diversion</th>
<th>Refuse</th>
<th>Diversion Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>October</td>
<td>9356</td>
<td>3482</td>
<td>5874</td>
<td>37%</td>
</tr>
<tr>
<td>November</td>
<td>8632</td>
<td>4216</td>
<td>4416</td>
<td>49%</td>
</tr>
<tr>
<td>December</td>
<td>13888</td>
<td>10093</td>
<td>3795</td>
<td>73%</td>
</tr>
<tr>
<td>January</td>
<td>10355</td>
<td>8189</td>
<td>2166</td>
<td>79%</td>
</tr>
<tr>
<td>February</td>
<td>13390</td>
<td>9733</td>
<td>3657</td>
<td>73%</td>
</tr>
</tbody>
</table>

McHenry could be 1st Zero Waste Facility on UCSC campus!
Resource Recovery Rates Per Day for Each Month
Resource Recovery Rates Since July 2014

Pounds Per Day

Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 | Jan-15 | Feb-15

Total Recovery

Refuse

Recycling

Compost
McHenry Diversion on October 2013 Audit

62% Diversion

Makeup of Refuse Audited In October 2013

- Refuse: 38.4%
- Compost: 78.8%
- Recycling: 10.0%
- Clean Paper: 0.7%
- Greenwaste: 20.4%
- Other: 4.4%
- Cardboard: 9.6%
- Other: 3.8%
Potential Diversion if Refuse Properly Sorted
96% Diversion

Current (Feb 2015) Resource Recovery at McHenry Library: 80% Diversion
What have we learned?

- Waste station bins get moved
- Bins fill up quickly => compostable “clamshells”
- Restroom paper towel signage could be clearer
- Desk side setup is a work in progress (currently using UC Davis model)
- Bin stations costly

Next steps: Spring quarter waste assessments

Questions, comments, feedback?