

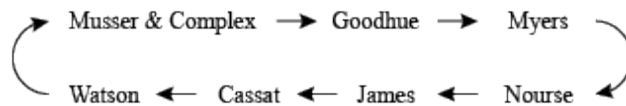
Waste Monitoring Protocol

Scope

Make an observation for each landfill receptacle on each floor of Goodhue, Myers, Weston, Cassat, James, Nourse, Musser, Severance, Burton, and Davis residence halls. Record observations based on what is visible at the surface of each receptacle; do not dig into the contents to yield additional observations.

Data Collection

Because there are multiple monitors collecting data during each shift, monitors cycle through the dorms according to the rotation depicted below. For each shift, monitors begin at a different dorm than the prior week.



Record the following information for individual receptacles:

1. Residence hall and floor
2. Receptacle size class
 - Brute (**44 gal**)
 - Slim Jim (**23 gal**)
 - Cylinder (**22 gal**)
 - Half-circle (**21 gal**)
 - Short Slim Jim, with handles (**16 gal**)
 - Desk-side (**7 gal**)
3. Fullness relative to volume of can: $\frac{0}{4}, \frac{1}{4}, \frac{2}{4}, \frac{3}{4}, \frac{4}{4}, \frac{5}{4}$ (**0, 1, 2, 3, 4, 5**)
4. Presence of contaminants:
 - Aluminum (**A**)
 - Sayles box (**B**)
 - Cardboard (**C**)
 - Pizza box (**D**)
 - Coffee cup (**F**)
 - Glass (**G**)
 - Recyclable plastic (**P**)
 - Compostable plastic (**PP**)
 - Paper (**R**)
 - Paper towel, tissue, or napkin (**T**)
 - Food waste (**W**)
5. Whether the receptacle was emptied or not during this shift

At the beginning of the term, record the following information for each floor of each dorm:

1. Total residents
2. Total freshman residents

Data Entry

Create a Google Spreadsheet, shared amongst the waste monitors and other stakeholders.

After each shift, for each receptacle, enter:

1. Volume of the receptacle
2. Fullness of the receptacle
3. Presence of absence of each type of contaminant (0 = absent, 1 = present)