

## **Dishwashing Protocol**

**\*\*It is the responsibility of each individual person to clean up after themselves and to make sure their glassware, plasticware and other reusable items are cleaned and put away.\*\***

We have undergrad lab assistants who can help with cleaning but they will not be doing all of the cleaning. Do **not** leave any glassware around the sinks unless you have:

- 1 – Autoclaved any items containing cultures or antibiotics
- 2 – Removed stoppers, caps, and seals
- 3 - Poured out any liquid or other contents
- 4 – Removed tape or marker
- 5 – Rinsed out the container and removed any remaining residue
- 6 – Placed anaerobic tubes or serum bottles into an acid bath and labeled with date and time (make sure you have a label indicating it is an acid bath)

### **General Protocol for Cleaning Dishes**

1. Autoclave glassware if necessary – dump liquid agar into trash can
  - a. Items that should be autoclaved include, mortars and pestles, any cultures, media or buffers containing antibiotics, anything that has come in contact with cultures or cells
2. Discard any hazardous waste into the appropriate container (ask lab manager if you have any questions about where you should place the contents)
3. Pour out any buffer or media into the “used media” beaker in the hood in 2040 (discard down sink after 24 hr)
4. Remove tape (can use a razor blade if necessary) and marker (acetone will remove marker)
5. For anaerobic tubes and serum bottles, place into an acid bath for 24 h
  - a. Acid bath – use large autoclave bin and fill partially with water, add ~90 mL sulfuric acid to the bath, add additional water if necessary. Label “Acid Bath” and date.
  - b. To dispose of bath, add baking soda to neutralize, check pH periodically. When about pH 7, the bath can be poured down the sink
6. Scrub out any bottles with a bottle brush to remove any residue
7. Wash dishes with dishwasher or by hand
  - a. Load dishwasher, fill dispenser with dishwasher soap, start (use high temp, scrub, heat dry settings) – mortars and pestles should be washed in dishwasher

- b. Fill a tub with hot water, add Alconox (powdered soap specifically designed for labware). Scrub out glassware with soapy water and bottle brush, rinse well with tap water and then distilled water, hang on rack to dry
8. Put away clean, dry labware

### **Specific Protocol for FEP Oak Ridge Tubes**

1. Remove labels or marker
2. Wash in dishwasher or by hand as described above
3. Boil for 30 min in DI water
4. Hang on pegs to dry
5. DO NOT AUTOCLAVE