

# Weekend Maintenance Checklist

1. First make sure that everything from the daily feeding checklist has been completed.
2. Check water quality:
  - a. Ammonia nitrogen levels
  - b. Nitrite levels
  - c. Nitrate levels
  - d. pH
  - e. Salinity
  - f. DO
  - g. Temperature
3. If any of these tests show levels that are very or out of place, send an email to our aquatics facility care group to let everyone know about the problem.
4. Scrub the brown algae off of the tanks using the tank scrub brush.
5. Remove all four filter bags from the pipes that drain into the sumps and scrub them out under running water in the sink. Place them back in their respective locations on the drain pipes.
6. Shut down the pumps to both sump systems and remove the canister filters. Scrub these under running water with the green bristled brush in the sink regardless of whether they look brown or not. Replace them in their respective standpipes whenever you are done. If they happen to be too dirty to effectively clean, replace them with the replacement filters located on the bottom shelf in 631.
7. While the pump is off, drain the sump down to the red line marked "water change." Use the pre-mixed water in the trash cans next to the sink to refill the sump. The water in the trash cans should be 32 ppt, but you should check them first. Also, if the salinity of the sump is high, add lower salinity water to bring it down. Do the opposite if the salinity is too low. The water change should be about 40-50 gallons per sump (10-15%). After doing the water changes, make sure to mix up more 32ppt water in the trash cans.
8. Turn both pumps back on and after a few minutes, check to make sure that the flow is sufficient to all tanks and that there are no leaks throughout the systems, particularly the tops of the canister filters.
9. Rinse out the top portion of both protein skimmers to remove residual gunk. If this doesn't clean it out, remove the tops and scrub them in the sink using the green scrubbing sponge.
10. Spray down all the tanks to remove the salt that creeps down the sides.
11. Spray down the floor, making sure to spray under and behind both the tank racks and sumps.
12. BE SURE TO MAKE LOG ENTRIES