

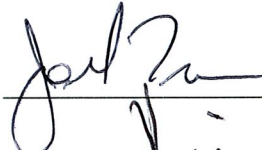
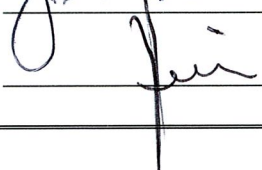


SOP #: BBC 106.01

Title: SOP - Tank Sanitization

Approvals:

Director of Marine
Science Program

Date:

10/10/13

Attending Veterinarian

Date:

10/10/13

1. Purpose

1.1 To clean tanks after use in order to prepare for future use.

2. Responsibility

2.1 It is the responsibility of all personnel using fish in research, teaching and testing to abide by this sop.

3. Definitions

4. Guidelines

4.1 All aquaria and aquaria supplies should be cleaned after use to assure no disease transmission and readiness for future use.

4.2 All tanks should be rinsed in a solution of chlorine bleach and permitted to air dry prior to storage.

4.2.1.1 chlorine bleach solution (5%).

4.2.1.1.1 Solutions:

4.2.1.1.1.1 Use Chlorox or similar bleach and mix in a 5% solution for a disinfectant. Disinfection is relatively quick in this solution; soaking for at least 30 minutes is recommended. After soaking, tanks or filters should be allowed to air dry for at least 24 hours before using

with fish or fish water. Fish are VERY sensitive to chlorine, but it is highly volatile and can be used safely with proper drying periods.

4.3 If calcium residue is present, this must be removed by use of formic acid or acetic acid rinse.

4.3.1 Solutions

4.3.1.1 Vinegar solution (Acetic acid 5% solution) can be used with a single edged razor blade to scape calcium residues from glass

4.3.1.2 Dilute muriatic acid with tap water 1:10 is an alternative to vinegar solution that also works well.

5. References