**SOP: Cleaning Greens Bubblers / Aerators**

**Revision Date:**

Purpose: Describes the process of cleaning a greens bubbler or aerator. At minimum, greens bubblers should be adequately cleaned after a day’s use to minimize the microbial risk from contamination.

**Materials and Tools**

* Detergent, for example dish soap
* Water from a known safe source
* Sanitizer labeled for food contact surfaces
* Scrub brushes, tube brushes
* Optional: spray bottles

**Procedure**

1. Unplug the pump from electrical outlet.

2. Drain the bubbler tank.

3. Remove the blower and PVC piping from tank. Disassemble the PVC frame for easier and thorough cleaning. Set aside.

4. Rinse tank off with water.

5. Prepare detergent solution using a pail or spray bottle. You may choose to use the bubbler tank instead of a separate pail.

6. Using the detergent solution and scrub brush, remove any stuck-on debris from the tank. You may need to use a long-handled brush for deeper tanks.

7. Rinse the tank out with water and dump the discharge into a floor drain or away from the cleaning area. Continue to rinse with water until all suds are gone.

8. Spray down the tank with sanitizer solution. Follow sanitizer instructions if a final rinse step is required.

9. Flip the tank upside down onto a clean pallet or other clean surface. Allow to air dry.

10. Wipe down the bubbler/aerator motor with an appropriate cleaner.

11. Rinse the PVC pipes inside and out.

12. Using the detergent solution and your assortment of scrub brushes, clean the PVC framing.

13. Rinse the PVC pipes off with water.

14. Spray PVC pipes with sanitizer solution. Follow sanitizer instructions if a final rinse step is required.

15. Place the PVC pipes on a clean surface allowing for water to drain. Sweep floor and remove debris. Hose down floor removing remaining soil and debris. Avoid splashing on recently cleaned areas and surfaces. Squeegee water into floor drain.