

EEMB Seawater Use Protocol

Effluent:

- Unless stated otherwise in this document all seawater effluent discharged into the UCSB seawater drainage system shall not be treated in any manner. This includes; bleach, chlorine, soaps, detergents, fungicides, immersion antibiotics, or anesthetics.
- Heavy metals - (malachite green, methylene blue, Iodine, etc.) are not to exceed Federal or state limits.
- All seawater effluent discharged from tanks containing non-native or recombinant organisms must be treated in compliance with all state and federal statutes as well as campus veterinary regulations.
- All seawater tank drains shall be screened with a mesh that will prevent the escape of any organisms into the UCSB seawater drainage system.
- Dead organisms and unconsumed feed shall not be discharged into the UCSB seawater drainage system.
- It is permissible to discharge into the UCSB seawater drainage system seawater that has been treated with ultra violet light or ozone.
- It is permissible to discharge freshwater into the UCSB seawater drainage system, however, the same guidelines apply as to seawater regarding chemical alterations or additives.
- Please be aware that the campus seawater effluent is discharged to the campus lagoon or the ocean in the vicinity of human activities.

Users should be aware that any alteration of the effluent may negatively effect the marine environment at the discharge location. Under no circumstances should the water flow be diverted to a sewer line without the prior approval of Goleta Sanitary District.

Seawater Supply:

- Under the direction of the EEMB departmental Resource Committee, the Supervisor of Marine Operations will regulate the volume of seawater provided to each user.
- Seawater users shall not alter the seawater system to increase water volume beyond that provided to them by the Supervisor of Marine Operations
- The volume of seawater delivered to each user is regulated by the size of pipe and valve setting specified by the Supervisor of Marine Operations

Seawater Space:

- Under the direction of the EEMB departmental Resource Committee, the Supervisor of Marine Operations will assign seawater space to each user.

Species:

- All recombinant , non-native and native species maintained in the UCSB campus seawater system shall be maintained in compliance with all state and federal (i.e. EPA) statutes as well as campus veterinary regulations (IACUC & ACUP).
- Contact UCSB Department of Environmental Health and Safety and the campus veterinarian for protocol guidelines.

Emergency Contact Personnel:

Facilities Mgt (after hours)	893-2661 or 893-3446
Terry Marchiando	893-7181
Christoph Pierre	893-2873
Cathi Arnold	893-2974
Campus Veterinarian	893-2804