



## KRISTINEBERG MARINE RESEARCH STATION ENVIRONMENTAL MANAGEMENT ROUTINES

### **Handling of waste water from tanks containing foreign species**

Established by Bengt Lundve

Approved by Station manager 06-04-2020

When changing the water in tanks containing foreign species, it is imperative that the water is cleansed/purified/decontaminated prior to discard.

In the case of small amounts of contaminated water, autoclave in flask and pour down the regular drain in the autoclave room.

In the case of larger amounts there is a filter and UV-system to be used, in the room for foreign species. The drains in this room are set up so that no spillage can be leaked into the fjord. When poured into the sink the water goes through a series of 4 filters (50, 10, 3 and 0.5  $\mu\text{m}$ ) and then through a UV-lamp and out into the drains going to the local sewage treatment plant. The filters can then be autoclaved.

## WATER CLEANING SYSTEM IN THE ROOM FOR FOREIGN SPECIES

Contaminated water is poured down into a 50 L tank at maximum 25 L/min

