

Freya Decommissioning Checklist

Follow this checklist for inspection and cleaning after the Freya has been removed from its deployment location.

Freya Serial Number:	
Pump Serial Number:	
NBG Serial Number:	
Nozzle Type & Hole Pattern:	
Technician Name:	
Date:	

Item to Check	Comments	Check and Initials
1. Exterior Rinse and Inspection: Pressure wash or scrub and rinse with fresh water to remove salt, algae, and debris. Inspect surfaces for physical damage such as wear, cracks, or corrosion. Record any damage or service needs in the comments.		
Shell Exterior		<input type="checkbox"/>
Nozzle		
Cable		
Base Plate		
2. Functional Test: Fully submerge the Freya in a freshwater tank and connect to a power source. Turn on the Freya, allow to operate for 10 minutes, and record the following parameters. After the test, remove Freya from tank and return to the workbench.		
Hertz		<input type="checkbox"/>
Volts		
Amp Draw		
Nozzle Discharge Pressure		
3. Disassemble Freya: Remove the nozzle, pump, and nanobubble generator from the main housing per the Moleaer disassembly instructions.		
4. Interior Rinse and Inspection: Scrub surfaces and rinse with excess fresh water to remove salt, algae, and debris. Inspect surfaces for physical damage such as wear, cracks, or corrosion. Record any damage or service needs in the comments.		
Shell Interior		<input type="checkbox"/>
Pump		
Pump Support Ring		
NBG		

Disinfection: Thoroughly soak or rinse each of the disassembled components in a locally approved disinfection solution. Rinse thoroughly with fresh water after disinfecting.

Shell		
Nozzle		
Pump		
Pump Support Ring		
Base Plate		
NBG		
Hardware		

5. Salt Removal and Corrosion Protection: Thoroughly soak or rinse each of the disassembled components in SaltX or similar salt removal and corrosion inhibiting solution. Do not rinse with fresh water after SaltX application.

Shell Interior		<input type="checkbox"/>
Nozzle		
Pump		
Pump Support Ring		
Base Plate		
NBG		
Hardware		

6. Anode Check: Inspect anode for corrosion. If excessively corroded, replace anode.

Acceptable Anode:



Anode Replacement Required:



Was anode replaced?
(yes/no)

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7. Reassembly: Reassembly Freya per Moleaer Assembly Instructions.	<input type="checkbox"/>
8. Drying: Allow unit to thoroughly air dry.	<input type="checkbox"/>
9. Packaging: Coil Cable and Crate Freya.	<input type="checkbox"/>