Seawater Use Procedures & Guidelines

**\*\*IACUC protocols & approval required for all vertebrate-related activities\*\***

**All necessary permitting on file with KML staff**

1. All tables are equipped with a single ½” PVC valve, fitted with a ½” slip PVC connection, to adjust water flow and accept additional plumbing necessary for experimental designs. Users must provide any additional materials for project build-out beyond this valve.
2. Please include any water quality manipulation and treatments in the Seawater Use Request Form (SURF) as follows:
	1. Temperature manipulations
	2. pH manipulations
	3. Water flow rates
	4. Aeration needs
	5. Care & Feeding schedules – if KML staff assistance required
	6. KML staff project support – schedule in advance
3. Any heavy sediments, debris, or rocks in the tables must **not** be allowed to wash down the drains. Mesh strainers are available for stand-pipes; however, it is the users’ responsibility to periodically monitor water levels to prevent tank overflows when strainers are used. **(Nothing down the drains but clear seawater)**
4. All tanks used must be cleaned and cleared of all equipment at the end of experiment or additional staff clean-up fees may apply.

**Supplemental Electrical Equipment**

1. All electrical equipment used for experimentation **must be cleared through KML staff** due to the conductive nature of seawater. Please include this information in the SURF and **schedule time in advance** with KML staff to set up the equipment. Supplemental electrical equipment may include, but is not limited to:
	1. Circulation with powerheads
	2. Drop-in the tank heaters
	3. Supplemental chillers
	4. Filtration pumps
	5. Lighting
	6. Protein skimmers
2. Visiting scientists are responsible for oversight of their experiment tanks, especially during inclement weather.