

# Aquatic Systems Summary

Please summarize water management and monitoring information programs for each room and type of enclosure (*adapted from the 2013 Program Description template, AAALAC, International*). The information may be provided in another format, provided that all requested data is included.

## Part I

Location (1)	Species (2)	System Design					
		Group / Individual (3)	Water Type (4)	Pre-treatment	Circulation (5)	Filtration (6)	Disinfection (e.g., UV, ozone)

*(To add rows, place cursor in bottom-right cell and press TAB.)*

- (1) List location of aquaria, including outdoor enclosures (ponds or outdoor tanks). If indoors, list building and room number. Note that all species housed at the same location and maintained via the same design and monitoring may be listed in the same row.
- (2) Please indicate if embryonic (E), larval (L), juvenile (J) or Adult (A)
- (3) Group tanks (ponds, outdoor tanks, multiple aquaria) are arranged as arrays with shared water supply; individual aquaria have exclusive water handling systems.
- (4) Indicate water type, e.g., fresh, brackish, or marine.
- (5) Indicate water circulation, e.g., static, re-circulated, constant flow, or some combination of these. If applicable, indicate water exchange frequency and amount (percentage).
- (6) Provide a key word for filtration employed, e.g., biological, chemical, mechanical, etc. and type (e.g., mechanical-bead filter). A diagram may be provided showing the flow of water, filtration, source of “make-up” water and amount replaced daily.

**Note:** Records of equipment maintenance (filter changes, UV bulb changes, probe changes, calibrations, *etc.*) should be available for review.

## Part II: *Indicate in the boxes below the frequency of monitoring and method of control for the following parameters (a).*

Monitoring									
Location (from Part I)	Temperature	Salinity	pH	NH <sub>4</sub>	NO <sub>2</sub>	NO <sub>3</sub>	Dissolved O <sub>2</sub>	Total Dissolved Gases	Other. Please List (b):

- (a) In these columns, please indicate monitoring frequency, *e.g.* daily, weekly, monthly or other point sampling frequency; continuous/real time, or none, if applicable. Also indicate method of control (heaters versus room HVAC, hand versus auto dosing, *etc.*).
- (b) Indicate other parameters and their monitoring frequency, *e.g.*, alkalinity, total hardness, conductivity, chlorine/chloramine, *etc.*