SECTION O

# PI-MANAGED HOLDING FACILITY: AQUATIC & REPTILE SPECIES

Append to Part I, if applicable.

Aquatic animals have special needs. This section is designed to provide the IACUC specific details regarding care provisions of aquatic animals in PI-managed facilities.

## 1. Aquaria Location and Species Summary

1.1. Please summarize water management and monitoring information programs for PI-managed aquatic facilities.

1.1.1. List location of aquaria, including outdoor enclosures (ponds or outdoor tanks). If indoors, list building and room number.

1.1.2. Note that all species housed at the same location and maintained via the same design and monitoring may be listed in the same row.

1.1.3. Indicate if embryonic (E), larval (L), juvenile (J) or adult (A)

1.1.4. Group tanks (ponds, outdoor tanks, multiple aquaria) have shared water supply (using arrays for distribution / collection);

1.2. Individual aquaria have exclusive water handling systems.

### Table 1.2.A. Aquaria Location and Species Summary

To add additional spaces, click on the **+** at the end of each box.

|  |  |  |  |
| --- | --- | --- | --- |
| 1. LOCATION OF AQUARIA | 2. SPECIES HOUSED AT THE SAME LOCATION AND MAINTAINED VIA THE SAME DESIGN AND MONITORING MAY BE LISTED IN THE SAME ROW | 3. EMBRYONIC (E), LARVAL (L), JUVENILE (J), OR ADULT (A) | 4. GROUP OR INDIVIDUALS |
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## 2. System Design

2.2. Please summarize water management and monitoring information programs for PI-managed aquatic facilities. The following key will assist you in completing the form:)

5. Indicate water type, e.g., fresh, brackish, or marine.

6. Indicate water circulation, e.g., static, re-circulated, constant flow, or some combination of these. If applicable, indicate water exchange frequency and amount (percentage).

7. 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.

8. Identify means of water disinfection (e.g., UV, ozone, etc.)

9. Pre-treatment means any action toward the incoming water not described above (e.g. carbon filtered, conditioned with sea salt, toning to remove chloramine)

### Table 2.2.A. System Design

To add additional spaces, click on the **+** at the end of each box.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1. LOCATION OF AQUARIA | 5. WATER TYPE | 6. CIRCULATION/ RE-CIRC | 7. FILTRATION | 8. DISINFECTION | 9. PRE-TREATMENT |
| Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. |
| Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. |
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**NOTE:** Records of equipment maintenance (filter changes, UV bulb changes, probe changes, calibrations, etc.) should be available for review.

## 3. System Monitoring

3.1. (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.)

### Table 3.1.A. Monitoring

To add additional spaces, click on the **+** at the end of each box.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 1. LOCATION OF AQUARIA | TEMPERATURE | SALINITY | pH | NH4 | NO2 | NO3 |
| Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. |
| Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. |
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## 4. System Monitoring – Gases

### Table 4.1.A. Gases

To add additional spaces, click on the **+** at the end of each box.

|  |  |  |  |
| --- | --- | --- | --- |
| LOCATION OF AQUARIA | DISSOLVED O2 | TOTAL DISSOLVED GASES | OTHER. PLEASE LIST: |
| Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. |
| Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. |
| Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. |