**Fish Clinical Record Coversheet**

1. **CONTACT DETAILS**

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| --- | --- | --- |
| **Contact Type** | **Name** | **Contact Number** |
| Chief Investigator |  |  |
| Animal Facility Coordinator | Leslie Morrison | ext. 12196 |
| Project attendant: |  |  |
| AWO | Lewis Vaughan | Ph. 0450 424 143 |
| Animal Ethics Officer | Alison Elder | ext. 15962 |
| Other (please specify) |  |  |

1. **PROJECT INFORMATION**

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| --- | --- | --- | --- | --- |
| **Project Number** | **Project Title** | **Chief Investigator** | **Monitoring Start Date** | **Approval Expiry Date** |
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1. **SPECIES**

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| --- | --- | --- | --- |
| **Common Name** | **Abbrev.** | **Scientific Name** | **Environmental Parameters** |
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1. **ANIMAL MONITORING CRITERIA**

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| --- | --- | --- | --- |
| **Monitoring Criteria**  | **No obvious deviation from normal\*** | **Slight or intermittent or possible deviation from normal\*** | **Moderate or consistent or definite deviation from normal\*** |
| **Score** (see key) | **0** | **1** | **2** |
| Feeding | Active and rapid. | Slow to initiate and/or less vigour than normal | No response to presence of feed. |
| Appearance | Skin & body conformation normal. | Discolouration of scales and/or slight lesions (e.g. white spot, scars, parasites).  | Extensive loss of scales and fins and/or generalised lesions.  |
| Behaviour | Active within normal parameters for species. | Flashing, respiratory distress, biting, spiral swimming, resting on bottom of tank. | Loss of equilibrium and/or inactive, gasping. |
| Mortalities | As per approval. | Contact AWO. | Contact AWO. |
| **Other Condition** (not documented above, but impacting on welfare) | Contact attendant/supervisor for assistance |

1. **RESEARCHER NOMINATED ACTIONS AND INTERVENTIONS FOR ANIMAL MONITORING**

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| --- | --- | --- |
| **Score** | **Assessment** | **Actions/Interventions** |
| **0** | Normal  | No action **(daily calendar signature in addition to “C” and “F” indicating checked and fed)** |
| **1** | Animal demonstrates minor level ofdeviation from normal | Monitoring to be increased to twice daily until condition resolved and commence supportive treatments (water changes, salt baths, diet change, melafix, water conditioner, oxygen increase) |
| **2** | Animal demonstrates moderate or major deviation from normal | Notify animal house manager, CI and AWO. Continue with treatment or immediately euthanize if recommended. |

Any aquatic animal which remains unresponsive to treatment shall be euthanized as per “**Working with Fish SOP”** (on AWC webpage and Animal House V: Drive) in consultation with the Chief Investigator, Deputy Investigator, AWO, and/or AWO delegate.

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| **Note: Training by the AWO/CI or pictures or video footage of the monitoring criteria at the various scoring points is recommended to ensure all personnel are consistent in terms of scoring.** |

1. **ENVIRONMENTAL RECORD SHEET**

[x]  **YES** an **“Environmental Record Sheet”** is attached. (IN COMMUNICATION FOLDER)

[ ]  **NO** an **“Environmental Record Sheet”** isn’t attached.

1. **ENVIRONMENTAL MONITORING CRITERIA**

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| --- | --- | --- | --- | --- |
| **Monitoring Criteria** | **Acceptable – No Intervention Required** | **Intervention within 48 hours** | **Immediate Intervention** | **Type of Intervention** |
| **Environmental** | **0** | **1** | **2** |  |
| **Temperature °C** | Within +/- 3 of optimum. | Within +/- 3 to 5 of optimum. | >5 from optimum. | Increase heating/cooling, replace equipment, or contact maintenance. |
| **DO saturation %** | >80 | 70 – 80 | <70 | Increase tank aeration. |
| **Ammonia mg/L** | <0.1 | 0.1 -1.0 | >1 | Water change. |
| **Nitrite mg/L** | <0.01 | 0.01 – 0.1 | >0.1 | Water change. |
| **pH** | 6.5 – 7.5 | <6.5 or >7.5 | <6.0 or >8.0 | Water change or chemical change. |
| **Cleanliness** | Free from excess faeces. Minimal algal growth on tank front. | Discoloured water (tannins), faeces accumulated, filter inlet blocked | Faeces accumulated. Water quality outside acceptable parameters | Water change and manual removal of solid waste by siphoning. |

1. **MONITORING FREQUENCY**

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| **Monitoring Frequency** | **Action** |
| **Fish Monitoring** |
| **Daily** | Scales and body conformation normal. |
| Normal respiration. |
| Behaviour within normal parameters for that species. |
| Significant appetite change. |
| **Monthly** | Fish counting and cross checking with health/movement records.  |
| **Aquaria Monitoring** |
| **Daily** | Animals present in tank. |
| Sump water level |
| Tanks free from excessive faeces |
| Front glass clear of algal growth |
| Filter inlet allowing adequate water flow |
| **Weekly** | Water quality parameters (pH, temperature, ammonium, nitrite) |
| **Monthly** | DO saturation  |
| **Room Monitoring** |
| **Daily** | Appropriate room temperature. |
| Air flow to all tanks. |
| Water flow to all tanks. |
| Filter pad in sump allowing water flow. |
| Tanks/Sumps not leaking. |
| Lights working. |
| **As Required** | Electrical equipment operational and safety tested. |
| Carbon filter cartridge replacement. |
| UV steriliser globe replacement. |

1. **RESEARCHER NOMINATED ACTIONS AND INTERVENTIONS FOR ENVIRONMENTAL MONITORING**

Any changes in water parameters and quality will be rectified in accordance with prescribed intervention points and actions and using methods that minimise stress to the fish. Health problems will be addressed with appropriate treatment methods and shall be done as soon as practicable so as not to cause further stress. Any system with an ill fish present shall be treated appropriately to avoid the spread of illness. Any system with sick fish present shall be isolated to prevent spreading to other tank systems (nets, siphon hoses, moving animals or decorations between tanks etc.)

1. **AEC NOMINATED ACTIONS AND INTERVENTIONS**

**The Clinical Record Sheet should be tailored to include these as part of project approval process.**

1. **INSTRUCTIONS**
2. Any abnormality that is observed to be of greater severity than the descriptors above, or a deviation from approved protocol, requires consultation with the AWO and recorded as an unexpected adverse event.
3. All unexpected adverse events must be reported immediately (within 24 hours) to the Animal House manager, AWO and CI and an Unexpected Adverse Event Report completed in consultation with or by the CI and submitted to the Animal Ethics Officer within 3 working days.