



# IACUC Guidelines for Aquaculture Fish Health Surveillance

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*Revision History:*

## Standard Operating Procedures

### Fish Health Assessment

Aquaculture fish at the School of Freshwater Sciences will receive an annual Fish Health Assessment beginning Fall of 2023. The schedule will be set such that it does not interfere with any ongoing studies.

### Fish Assessment Form

The official Department of Agriculture, Trade and Consumer Protection (DATCP) Fish Health Assessment form will be used. Samples shall be labeled as follows:

Month, Day, Year, Lot Number, Fish number in lot. It will take the form: **XXXXXXXX-X**

For example: If fish 3 was taken from Lot 2 on June 26th, 2011, the labeling would read 0626112-03

Month	Day	Year	Lot Number	Fish Number
XX	XX	XX	X	X

### Sampling and Euthanasia

Fish used for sampling will be euthanized using an appropriate dose of tricaine mesylate (MS-222) for the species being sampled. The length, weight, skin scrape samples, gill mount samples, and fat content will be examined and recorded.

## **Necropsy**

A necropsy will be performed. Samples will be collected and sent for histopathology at the discretion of the veterinarian. All results will be recorded and signed by the veterinarian.

## **Excluded Pathogens**

- Mycobacteria
- Ichthyophthirius multifiliis
- Ichthyobodo necator Infestation
- Dactylogyridiasis
- Gyrodactylidiasis
- Nematode Infections (e.g Eustrongyloides, Capillaria, Camallanus, etc.)
- Microsporidiosis (e.g. Glugea, Pleistophora, and Spraguea, etc.)
- Myxosporidiosis
- Lymphocystis
- Infectious Pancreatic Necrosis
- Viral hemorrhagic septicemia
- Flavobacterium columnare
- Edwardsiella