

Standard Operating Procedures

#AU0005 Measurement of Weight and Length of Live Wild Juvenile Fish

Materials

Ruler
Scale
Bucket of stream water

PPE gloves, lab coat and safety goggles
MS222 (tricaine methanesulphonat)

Procedure: Add MS222 (50mg/l of water) to the bucket containing the fish. Capture individual fish with a dip net and remove it from the holding container when it starts showing signs of balance loss. Measure the individual wet weight and length of the animal. Put the animal in another container containing fresh stream water. Release animal back at its original site of capture after shows regular swimming patterns.

Personal safety- Avoid inhalation, ingestion, and direct contact on skin and eyes.

Personal protective equipment- Wear gloves, goggles, and a lab coat (skin must be covered).

Disposal- Follow Algoma university chemical disposal procedure. Place in chemical waste disposal location to be removed and disposed of by RPR. Keep product from entering drains.

Accidental spill procedure- Sweep any spilt chemicals up (avoid dust). Dampen the area and remove residue. Ensure it does not enter ground water or any natural body of water.

First aid- Required for;

Skin exposure- rinse clothing and wash exposed area of skin with soap and water.

Eye exposure-Flush with plenty of water, then seek medical advice

ingestion- Drink milk or warm water. Drinking may cause aspiration of water into lungs if their swallowing is impaired.

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AUACC