**STANDARD OPERATING PROCEDURE – FISH EUTHANASIA**

**Criteria defining fish that needs to be euthanized**

* Zebrafish larvae and juveniles. Larvae and juveniles that are morphologically or behaviorally abnormal.
* Zebrafish adults. Adult fish that are morphologically abnormal due to senescence, injury or disease.

**Procedure**

1. Place zebrafish in a tank containing fish facility water (pH 7.2) with 0.1 % MS222 (Tricaine, 2.5x the amount required to anesthetize adult fish).
2. Once movement cessation sets and fish do not respond to touch, transfer fish to a labeled plastic bag (# fish, strain, date).
3. Place plastic bag with fish on ice
4. Transfer fish (on ice) to a -20°C freezer
5. Remember to keep record of procedure