



Ref: CTO 2014 062 [G]

Laboratory Animal: African Clawed Frog (*Xenopus laevis*),

**CTO direction to biosecurity inspectors for the direction of *Xenopus laevis* (African clawed frog) into the University of Otago Containment Facility**

Pursuant to section 27(1)(d)(iii) of the Biosecurity Act 1993 I, Vicki Melville, Manager Animal Imports, Ministry for Primary Industries (under delegated authority), give the following directions for African Clawed Frog (*Xenopus laevis*) to be given direction in accordance with the following measures, different from those in the applicable import health standard for Importing Laboratory Animals and Laboratory Animal Germplasm [LABANIIC.ALL]:

Under Clause 8, species commonly imported are rats, mice, rabbits, guinea pigs and zebrafish (*Danio rerio*). *Xenopus laevis* has been considered under the equivalence of this section of this standard.

After assessing risk analysis advice it has been deemed that the risk of importing this species under the above IHS would be mitigated with the following water effluent treatment controls:

- aquaria water is subject to macrofiltration (200 µm), microfiltration (20 µm) and UV irradiation prior to discharge which effectively ensures all ova are captured.
- the water tank circulation system is designed to change (replace) 10% of the volume per day. The 10% discharged water is first treated by mechanical filtration ( both 200um and 20um ), carbon filtration and UV irradiation before discharge to the municipal sewer system.

The reason for directing clearance is that the biosecurity risks associated with this CTO direction have been assessed and are managed effectively.

This direction takes effect from the date of signing and continues in effect until amended or revoked.