

CHAPTER 2.1.1.

**EPIZOOTIC HAEMATOPOIETIC NECROSIS**

Article 2.1.1.1.

For the purposes of this *Code*, susceptible host species for epizootic haematopoietic necrosis (EHN) are: redbfin perch (*Perca fluviatilis*), rainbow trout (*Oncorhynchus mykiss*), Macquarie perch (*Macquaria australasica*), silver perch (*Bidyanus bidyanus*), mountain galaxias (*Galaxias olidus*), sheatfish (*Silurus glanis*), catfish (*Ictalurus melas*) and mosquito fish (*Gambusia affinis*) and other species belonging to the family Poeciliidae.

For the purposes of this *Code*, the causative agents of EHN are: EHN virus, European sheatfish virus (ESV) and European catfish virus (ECV).

Standards for diagnostic tests are described in the *Manual*.

Article 2.1.1.2.

**EHN free country**

A country may be considered free from EHN when:

1. no [recorded *outbreak* of EHN disease has] cases of the disease are known to have occurred within its *territory* for at least the previous two years; and
2. [epizootic haematopoietic necrosis virus (EHNV)] no disease agent listed in Article 2.1.1.1 has [not] been detected in any *fish* belonging to the susceptible host species listed in Article 2.1.1.1 tested during operation of an official fish health *surveillance* scheme for a period of at least two years using the procedures described in the *Manual*; and
3. it is observing the conditions referred to in Articles 2.1.1.6 and 2.1.1.7.

Article 2.1.1.3.

**EHN free zone**

An EHN free zone may be established within the *territory* of one or more countries if within the zone:

1. no cases of the disease are known to have occurred within the zone for at least the previous two years; and
- [1]2. aquaculture establishments and wild populations containing *fish* belonging to the susceptible host species listed in Article 2.1.1.1 have been tested in an official fish health *surveillance* scheme for at least the previous two years using the procedures described in the *Manual*; and
- [2]3. no disease agent listed in Article 2.1.1.1 above has [not] been detected during this two-year period. Such EHN free zones must comprise: one or more entire water catchment area(s) from

the sources of the waterways to the sea, or part of a catchment area from the source(s) to a natural or artificial barrier that prevents the upward migration of *fish* from lower stretches of the waterway. Such zones must be clearly delineated on a map of the *territory* of the country concerned by the *Competent Authority* [and the conditions referred to in Articles 2.1.1.6 and 2.1.1.7 must be observed.]; and

4. it is observing the conditions referred to in Articles 2.1.1.6 and 2.1.1.7.

Article 2.1.1.4.

### **EHN free aquaculture establishment**

An EHN free *aquaculture establishment* may be located not only within an EHN free country or zone but also within an EHN infected zone provided that:

1. no cases of the disease are known to have occurred within the zone for at least the previous two years; and

[1]2. it has been tested in an official fish health surveillance scheme for at least the previous two years using the procedures described in the Manual, without detection of [EHN] any of the disease agents listed in Article 2.1.1.1; and

[2]3. it is supplied by water from a spring, well or borehole only and is free from stocks of wild fish; and

[3]4. there is a natural or artificial barrier that prevents the migration of fish from lower stretches of the waterway into the aquaculture establishment or its water supply; and

[4]5. it is observing the conditions referred to in Articles 2.1.1.6 and 2.1.1.7.

Article 2.1.1.5.

### **Restoration of free status**

A country, a zone or an *aquaculture establishment* may be restored to EHN free status if it has been subjected to a *stamping-out policy* or effective disease eradication measures and if [EHN] none of the disease agents listed in Article 2.1.1.1 has not been detected for the last two years of a *surveillance scheme* using the procedures described in the *Manual*.

A newly constructed *aquaculture establishment*, or one that has undergone a thorough *stamping-out policy* under supervision of the *Competent Authority* and has been restocked from a source with documented freedom, may achieve EHN free status [in under two years] within a period specified in Chapter I.1. of the Manual, if it otherwise meets all the requirements for an EHN free *aquaculture establishment*.

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