

Immediate notification report

Report reference: REF OIE 26027, Report Date: 27/02/2018, Country : Peru

Report Summary

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		Date submitted to OIE	28/02/2018

Animal type	Aquatic	Date of report	27/02/2018
Causal Agent	Tilapia lake virus	Date of start of the event	09/11/2017
Reason	Emerging disease	Date of confirmation of the event	20/12/2017
Number of reported outbreaks	submitted= 1, Draft= 0	Disease Name	*Tilapia lake virus * (New Unknown Disease)

Disease Impact

Units for morbidity and mortality	Morbidity	Mortality	Zoonotic potential
qual	4	4	

Outbreak details

Departamento	Number of outbreaks	Provincia	Distrito	Unit Type	Location	Latitude	Longitude	Start Date	End Date:	Water Type	population	Production system
PIURA- (this report - submitted)	-	Sullana	Lancones	Reservoir	Piura	-4.6125	-80.4546	09/11/2017		Fresh Water	Wild	Open (e.g. wild fishery)
Species	Units for morbidity and	Morbidity	Mortality	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Fish: Tilapia (Oreochromis niloticus)	qual	4	4	Animals				
Affected Population	Artisanal fishermen reported atypical mortalities in the Poechos Reservoir (Lancones - Sullana, Piura); the tilapia affected in all stages (juveniles and adults) were found stranded, with dermal lesions (ulcers) and exophthalmos.											

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Fish					

Epidemiology

Epidemiological comments

During the Coastal El Niño phenomenon (February 2017), tilapias farmed in cages were reported to have escaped in the Poechos Reservoir.

Source of the outbreak(s) or origin of infection

- Vectors
- Horizontal spread through water
- Unknown or inconclusive

Measures applied

Applied	To be applied
• surveillance outside infected and/or protection zone	• movement control inside the country
• surveillance within infected and/or protection zone	• disinfection / disinfestation
• traceability	• surveillance outside containment and/or protection zone
	• surveillance within containment and/or protection zone
	• control of wildlife reservoirs
	• zoning
Animals treated	Vaccination Prohibited
No	No

Future Reporting

The event is continuing. Weekly follow-up reports will be submitted.

Outbreak maps

