



Aquatic Animal Health Division
59 Camelot Drive
Ottawa, ON K1A 0Y9

DIRECTIVE

Effective Date: January 19, 2011

Subject: Mandatory Notification of Reportable Aquatic Animal Diseases

This Directive is to advise veterinarians and aquatic animal health specialists of the requirements with respect to Reportable aquatic animal diseases in Canada. Regulated aquatic animal diseases are limited to finfish, molluscs, and crustaceans.

Requirements and disease lists are in the *Health of Animals Act* and *Reportable Diseases Regulations*. The Canadian Food Inspection Agency (CFIA) website (<http://www.inspection.gc.ca/>) provides a link to the *Health of Animals Act*. The amended portion of the *Reportable Diseases Regulations*, listing the Reportable aquatic animal diseases, was published in *Canada Gazette, Part II*, on January 5, 2011. This can be found at <http://www.gazette.gc.ca/rp-pr/p2/2011/2011-01-05/html/sor-dors310-eng.html>, and in the Background section of this Directive.

The requirements are as follows:

5. (2) Immediately after a person who is a veterinarian or who analyzes animal specimens suspects that an animal is affected or contaminated by a reportable disease or toxic substance, the person shall so notify a veterinary inspector (*Health of Animals Act*).

To report the suspicion of a Reportable disease, contact your local CFIA Animal Health Office. You can find a list of all CFIA Animal Health Offices at <http://www.inspection.gc.ca/english/anima/heasan/offbure.shtml>.

This directive will remain in effect until the Mandatory Notification and Suspect Phase Disease Response Policy for the National Aquatic Animal Health Program is updated to reflect any changes in policy, or is superseded by another directive.

If you have any specific questions about this Directive, please contact Dr. Kim Klotins by telephone at 613-221-1398 or by email at Kim.Klotins@inspection.gc.ca.

Further information on the National Aquatic Animal Health Program and mandatory notification can be found at <http://www.inspection.gc.ca/english/anima/aqua/aquae.shtml>.



Yours Sincerely,

Dr. K. Klotins

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BACKGROUND

The Government of Canada is committed to protecting the country's aquatic animal resources and to facilitating safe trade in fish and seafood. As a result, recent amendments to the *Health of Animals Regulations* and the *Reportable Diseases Regulations* were published in *Canada Gazette, Part II*, on December 22, 2010, and on January 5, 2011, respectively.

The amendments authorize the Canadian Food Inspection Agency to implement the National Aquatic Animal Health Program (NAAHP). This science-based program addresses finfish, mollusc, and crustacean diseases that pose serious risks to Canada's aquatic animal resources.

These changes are in line with the existing terrestrial animal health program. They will ensure Canada meets the standards set by the World Organisation for Animal Health (OIE) for preventing disease spread from the trade of live animals or high risk commodities.

The regulated aquatic animal diseases are listed in Tables 1–3.

TABLE 1 Reportable Diseases	
Disease	Aquatic Animal
<i>Bonamia ostreae</i>	Mollusc
Ceratomyxosis (<i>Ceratomyxa shasta</i>)	Finfish
Epizootic haematopoietic necrosis	Finfish
<i>Haplosporidium nelsoni</i>	Mollusc
Infectious haematopoietic necrosis	Finfish
Infectious pancreatic necrosis	Finfish
Infectious salmon anaemia	Finfish
Koi herpesvirus disease	Finfish
<i>Marteilia refringens</i>	Mollusc
<i>Marteiliodes chungmuensis</i>	Mollusc
<i>Mikrocytos mackini</i>	Mollusc
<i>Perkinsus marinus</i>	Mollusc
<i>Perkinsus olseni</i>	Mollusc
Spring viraemia of carp	Finfish
Taura syndrome	Crustacean
Viral haemorrhagic septicaemia	Finfish
Whirling disease (<i>Myxobolus cerebralis</i>)	Finfish
White spot disease	Crustacean
White sturgeon iridoviral disease	Finfish
Yellow head disease	Crustacean

TABLE 2 Immediately Notifiable Diseases

Disease	Aquatic Animal
Abalone viral mortality (Abalone herpes-like virus)	Mollusc
<i>Bonamia exitiosa</i>	Mollusc
<i>Bonamia roughleyi</i>	Mollusc
Brown ring disease (<i>Vibrio tapetis</i>)	Mollusc
Crayfish plague (<i>Aphanomyces astaci</i>)	Crustacean
Epizootic ulcerative syndrome (<i>Aphanomyces invadans</i>)	Finfish
Gyrodactylosis (<i>Gyrodactylus salaris</i>)	Finfish
Infectious hypodermal and haematopoietic necrosis (Infectious hypodermal and Haematopoietic necrosis virus)	Crustacean
Infectious myonecrosis (Infectious myonecrosis virus)	Crustacean
<i>Marteilia sydneyi</i>	Mollusc
Necrotizing hepatopancreatitis	Crustacean
<i>Oncorhynchus masou</i> virus disease (Oncorhynchus masou disease virus)	Finfish
Red sea bream iridoviral disease (Red Sea Bream Iridovirus)	Finfish
White tail disease (White tail virus)	Crustacean
Withering syndrome of abalone (<i>Xenohallotis californiensis</i>)	Mollusc

TABLE 3 Annually Notifiable Diseases

Disease	Aquatic Animal
Bacterial kidney disease (<i>Renibacterium salmoninarum</i>)	Finfish
Enteric red mouth disease (<i>Yersinia ruckeri</i>)	Finfish
Furunculosis (<i>Aeromonas salmonicida</i>)	Finfish
QPK disease (Quahog parasite unknown)	Mollusc
Seaside organism (<i>Haplosporidium costale</i>)	Mollusc
Streptococcosis (<i>Streptococcus iniae</i>)	Finfish