

Managing Pathogen Risk

In

Aquaculture Operations

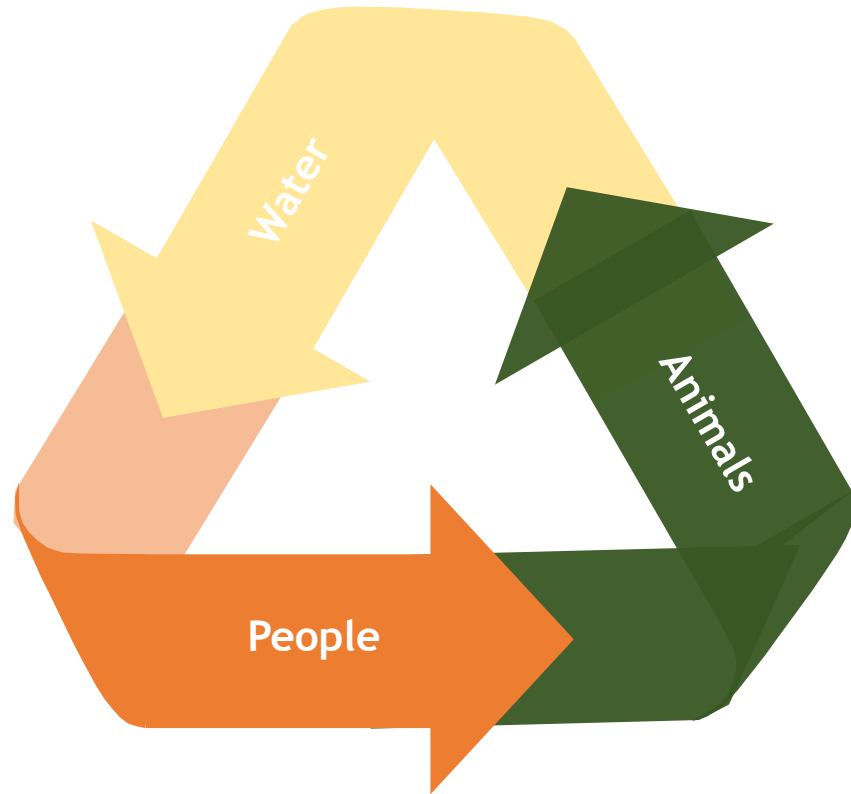


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“We are not going to have any disease problems at our facility.”

**“Lets have a plan for
dealing with pathogen
risks.”**

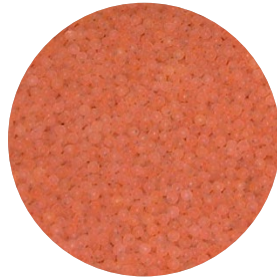


Pathogen Risks +

Biosecurity Plan +



People



Egg/Fish
Source



Veterinary



Water



Quarantine



Vaccination



Equipment



Health
Surveillance



Feed

Seedstock Sourcing +



HEALTH HISTORY

Health Certificate No. _____
(Number of entry to country/territory)
appears over the certificate number)

ORIGINAL

AQUATIC ANIMAL HEALTH EXPORT CERTIFICATE

FOR THE EXPORT OF AN AQUATIC ANIMAL & FOR DESIGN AND FOR CUL TURE FROM
THE UNITED STATES OF AMERICA TO CANADA

NOTE: THIS CERTIFICATE IS NOT TO BE USED FOR IN TRANSIT SHIPMENTS

Import Permit No. _____

SECTION 1 - ORIGIN OF AQUATIC ANIMALS

State/Territory and Country of Export _____

Issuing Authority: United States Department of Agriculture (USDA) - Animal Plant Health Inspection Service (APHIS)

Name and Address of Consignor _____

Name and Address of Consignee _____

SECTION 2 - DESTINATION OF AQUATIC ANIMALS

Country of Destination: CANADA

Name and Address of Consignee _____

SECTION 3 - TRANSPORT INFORMATION

Transport means and consignment identification (light & etc.) _____

SECTION 4 - DESCRIPTION OF CONSIGNMENT

☐ Culture ☐ Live

Species (scientific name)	Common name	Quantity or total weight (kg)	Lot identifier or date code	Exempted	Exempted to which species is susceptible

* Label reflects the history of the aquatic animals with some method of intervention in the handling process such as handling, handling or handling with animals

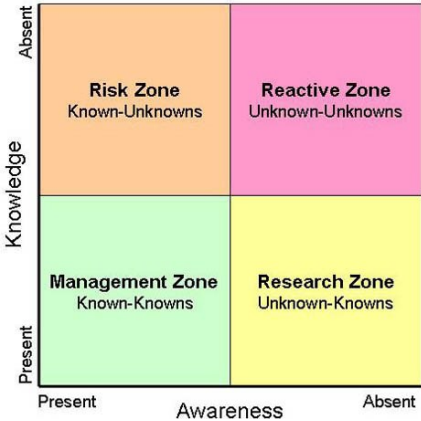
TRUST BUT VERIFY



Risk
Reduction

RIGOROUS TESTING

QUARANTINE



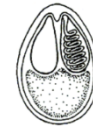
Surveillance +



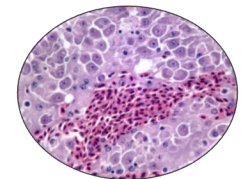
VIRUS



BACTERIA

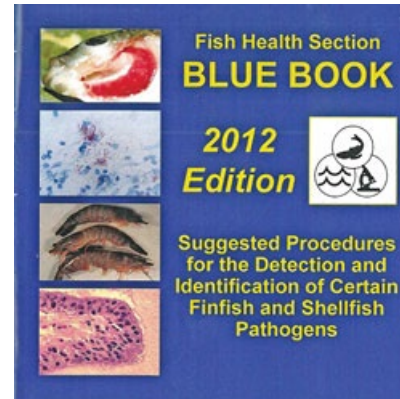


PARASITES



OTHER

Test Methodologies +



Guidelines for Fish Health Management in
Northeastern States



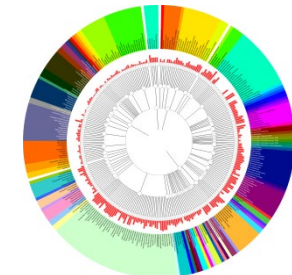
Northeast Fish Health Committee
A subcommittee of the Northeast Fisheries Administrators Association

Approved October 27, 2015

Proactive Approach +



PROBIOTICS





Custom Vaccine Model

Isolation

Development

Refinement



Take Home +

Every facility
is different



*One size does
not fit all*



Complacency
is the enemy





QUESTIONS?

