



Aquaculture Fish Necropsy and Inspection Techniques Short Course

September 10, 2011

Objective of the Course: This one-day short course will teach veterinarians proper techniques of fish necropsy, tissue samples collection and preparation for diagnostic testing, to meet USDA-APHIS regulations for the interstate transportation of fish species.

Background: In October 2006, the USDA's Animal and Plant Health Inspection Service (APHIS) issued a Federal Order, restricting the movement of many commercially valuable aquaculture species, due to concerns about the potential spread of Viral Hemorrhagic Septicemia (VHS) from wild fish populations into aquaculture facilities. The Federal Order applies to the eight states surrounding the Great Lakes (including Ohio) and two Canadian provinces (Ontario and Quebec). Any shipments of fish species listed by APHIS as VHS-susceptible will need to have diagnostic testing performed on tissue samples, to determine if the group is VHS-free, prior to shipment. Aquaculture farmers are required to have either an Accredited Veterinarian, or certified American Fisheries Society Fish Health Inspector, perform the health inspection and collection of samples for shipment to diagnostic laboratories. More information about VHS, and the APHIS Federal Order, can be obtained at the APHIS website,

http://www.aphis.usda.gov/animal_health/animal_dis_spec/aquaculture/.

Ohio, as well as surrounding states in the region that are affected by this order, have very few veterinarians available that are familiar with aquaculture, fish health, and fish necropsy. Ohio alone has over 200 licensed aquaculture operations that export fish shipments multiple times throughout the year. Under current APHIS regulations, these shipments will need to be pre-inspected and tested for VHS. Therefore, Aquaculture operations in the Great Lakes states are in need of increased veterinary support.

This course is brought to you by the Ohio Aquatic Animal Health Advisory Committee. The course will be led by Dr. David Starling, Aqueterinary Services™, PC. Dr. Tony Forshey, Ohio State Veterinarian, will provide updates on Ohio regulations for fish importation and fish health.

Course Schedule: Saturday, September 10, 2011

Time: 9:00 am to 4:00 pm

Location: Ohio Department of Agriculture Animal Disease and Diagnostic Lab

8995 East Main Street, Reynoldsburg, OH 43068-3399

Phone: (614) 728-6220 or Toll Free: 1-800-282-1955

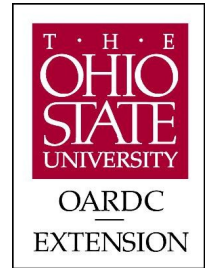
Map: <http://www.agri.ohio.gov/directions.aspx>

Registration Cost: \$15 per person, limited to the first 50 paid registrants
Continuing Education credits have been requested



Tentative Course Outline

Fish Necropsy and Inspection Techniques Short Course September 10, 2011 Ohio Dept. of Agriculture



Moderator – Mr. Dave Insley, Ohio Division of Wildlife

9:00 – 9:30 a.m. – Registration and Continental Breakfast

9:30 – 9:45 a.m. – Greetings and Introduction

Dr. Tony Forshey, State Veterinarian, ODA

9:45 – 10:15 a.m. – Biosecurity: Aquaculture Insurance

Mr. Fred L. Snyder, OSU Extension Emeritus

10:15 – 10:30 a.m. – Ohio Dept. of Agriculture Laboratory and Overview of Services

Dr. Yan Zhang, Veterinary Virologist, ODA

10:30 – 10:45 a.m. – Progress in Rapid PCR Testing for VHS

Ms. Lindsey R. Pierce, Ph.D. Candidate, Lake Erie Center, Univ. of Toledo

Ms. Vrushalee Palsule, Technician, Lake Erie Center, Univ. of Toledo

10:45 – 11:15 a.m. - Common Fish Diseases and Treatments for Ohio Aquaculture

Dr. David Starling, Aqueterinary Services™, PC

11:15 – 12:00 p.m. - Fish Necropsy Introduction

Dr. David Starling, Aqueterinary Services™, PC

12:00 – 1:00 p.m. - Lunch (box lunch provided)

12:30 – 1:00 p.m. - Necropsy Techniques Demonstration

Dr. David Starling, Aqueterinary Services™, PC

1:00 – 3:00 p.m. - Hands-on Necropsy Training – ODA Necropsy Room

Dr. David Starling and Dr. Yan Zhang assisted by Dave Insley

3:00 – 4:00 p.m. - Wrap-up, Questions and Answers

Registration: RSVP BY September 2, 2011

**Register after August 8, 2011 by calling Julie Strawser-Moose,
OSU South Centers**

740-289-2071 or 800-297-2072 (Ohio only) ext. 223

email: moose.14@osu.edu