

**Northeast Fish Health Committee
Guidelines for Fish Importation
Program for Implementation
of Importation Guidelines**

Maine Revised Statutes

<input checked="" type="checkbox"/> §12509 PDF	§12508	Title 12:	§12510
<input checked="" type="checkbox"/> §12509WORD/RTF		CONSERVATION	
<input checked="" type="checkbox"/> STATUTE SEARCH		Part 13: INLAND FISHERIES AND WILDLIFE	
<input checked="" type="checkbox"/> CH. 923 CONTENTS		HEADING: PL 2003, C. 414, PT. A, §2 (NEW); PT. D,	
<input checked="" type="checkbox"/> TITLE 12 CONTENTS		§7 (AFF); C. 614, §9 (AFF)	
<input checked="" type="checkbox"/> LIST OF TITLES			

To regulate importation a state requires the “Statutory Authority”

This is a “Basic Obligation” in the Northeast Fish Health Fish Importation Guidelines

This presentation’s focus is on “Fish Health”

Other risks, such as aquatic nuisance species, etc. may also need to be addressed when importing fish

§2 (NEW); PT. D, §7 (AFF); C. 614, §9 (AFF)
Subchapter 2: LICENSE AND PERMIT REQUIREMENTS AND AUTHORIZATIONS

1. Permit required. Except as otherwise authorized pursuant to this Part, a person may not introduce, import or transport any live fish or gametes into the State or receive or have in that person's possession

[2003, c. 655, Pt. B, §236 (AMD); 2003, c. 614, §9 (AFF); 2003, c. 655, Pt. B, §422 (AFF) .]

2. Issuance. The commissioner may grant permits to introduce, import or transport any live fish or gametes into the State or to receive or have in possession fish or gametes so introduced, imported or transported if the commissioner determines that the species does not pose an unreasonable risk to any species of fish or other organism

Northeast Fish Health Guidelines Apply To:

All fishes imported into a state that may be placed into waters of that state or held in waters discharged into waters of that state

Fish pathogens listed in the “Guidelines for Conducting Fish Health Inspections” for the appropriate family

Fish pathogen research and development facilities in which fish infected with, or exposed to, pathogens or a facility in the possession of pathogens capable of causing disease.

“Nothing in these guidelines shall prevent member agencies from applying additional measures for the control of fish pathogens”

Traffic in Fish

- Prior to the fish being shipped, a state should receive a fish health inspection report
- No fish from a *facility or water body* known to be infected with Infectious Hematopoietic Necrosis Virus, Viral Hemorrhagic Septicemia Virus, Heterosporis, Infectious Salmon Anemia Virus, Spring Viremia of Carp, *Myxobolus cerebralis*, *Ceratomyxa shasta*, *Tetracapsula bryozoa*, may be imported.
- No susceptible wild fishes from a water infected with family specific pathogens may be imported

Maine Department of Inland Fisheries and Wildlife

FORM FOR FISH AND EGGS IMPORTATION AND TRANSFER PERMITS

App

mit

1. Name and address of company requesting importation/transfer permit:

Name:	Address:

Name, title and work telephone number of principal officer:

Name:
Title: Work phone:

2. Name and address of company from which fish/egg shipment will originate:

Name:	Address:

Name, title and work telephone number of principal officer:

Name:
Title: Work phone:

3. Present location of fish/eggs (if different from 2):

Name:	Address:

Name, title and work telephone number of principal officer:

Name:
Title: Work phone:

4. Destination of fish/eggs (if different from 1):

Name:	Address:

Name, title and work telephone number of principal officer:

Name:
Title: Work phone:

5. Species and strain of fish/eggs to be imported/transferred:

Species:
Strain:

6 Number of Eggs to be imported/transferred:

Number of Live fish to be imported/transferred:

7 Life stage:

If fish, age of fish:

If fish, approximate weight:

8. Most recent fish health inspection certificate of hatchery of origin, and the most recent fish health inspection certificate of the hatchery/facility where fish are currently being held (if different from hatchery of origin).

Is included Will be sent under separate cover

9. If fish, indicate lot number on the most recent fish health inspection certificate of source hatchery/facility which identifies the fish to be imported.

Lot number:

9.b. If eggs, indicate lot number of the most recent fish health inspection certificate of source hatchery/facility which identifies broodstock from which gametes originated.

Lot number:

10. Date(s) to be imported (DAY/MONTH/YEAR):

From: To:

Return completed form and supportive documents to: Dr. G. Russell Danner MS, DVM
Fish Health Laboratory
Maine Department of Inland Fisheries and Wildlife
RR5 Box 975 Burns Road
Augusta, ME 04330
(207) 287-2813 (phone/fax)
russell.danner@state.me.us

C:\import permits\IFW Fish Importation Application.doc

New England Salmonid Fish Health Inspection Report: 2009

Hatchery Name:
Street Address:
City/State/Zip Code:

Contact Person: Hatchery Manager
Telephone: (207) 287-2222

New England Salmonid Fish Health Committee Guidelines (Revised 1/20/2006)

<u>Inspection Date</u>	<u>Hatchery Rating</u>	<u>Notes</u>
Year/Season (fish age)	A, B, C, etc	Pathogens, etc

Definition of a “Fish Health Inspection”: On site, statistically based sampling of fish, performed or supervised by a fish health inspector, with subsequent examination of the collected tissues and fluids for the detection of listed fish pathogens.

<u>Lot Number</u>	<u>Fish Species</u>	<u>Fish Age</u>	<u>Number in Lot</u>	<u>Obtained Source</u>	<u>Sampling Date:</u>	<u>Sample Method</u>	<u>Sample Result</u>	<u>Sample Note:</u>												
F0180210700	Brook trout <i>Salvelinus fontinalis</i>	14	35,000	Phillips SFH <u>Obtained as:</u> eggs/fish	1/01/2008 <u>Type of Fish:</u> hatchery/feral	60 D46B	60 D46B	60 D46B	60 D46B	60 A1A	60 A1A	60 A11	60 B	60 N/A	60 NEG	60 NEG	60 NEG	60 NEG	60 NEG	60 NEG
Previous inspections on this lot:																				
F0180210700	Brook trout <i>Salvelinus fontinalis</i>	14	35,000	Phillips SFH <u>Obtained as:</u> eggs/fish	1/01/2009 <u>Type of Fish:</u> hatchery/feral	60 D46B	60 D46B	60 D46B	60 D46B	60 A1A	60 A1A	60 A11	60 B	60 N/A	60 NEG	60 NEG	60 NEG	60 NEG	60 NEG	60 NEG
Previous inspections on this lot:																				
F0180210700	Brook trout <i>Salvelinus fontinalis</i>	14	35,000	Phillips SFH <u>Obtained as:</u> eggs/fish	1/01/2009 <u>Type of Fish:</u> hatchery/feral	60 D46B	60 D46B	60 D46B	60 D46B	60 A1A	60 A1A	60 A11	60 B	60 N/A	60 NEG	60 NEG	60 NEG	60 NEG	60 NEG	60 NEG
Previous inspections on this lot:																				
F0180210600	Brook trout <i>Salvelinus fontinalis</i>	II	500	Phillips SFH <u>Obtained as:</u> eggs	1/01/2009 <u>Type of Fish:</u> hatchery	60 D46B	60 D46B	60 D46B	60 D46B	60 A1A	60 A1A	60 A11	60 B	60 N/A	60 NEG	60 NEG	60 NEG	60 NEG	60 NEG	60 NEG
Previous inspections on this lot: 1/06/08																				
Previous inspections on this lot: 1/1/2000																				
Previous inspections on this lot: 1/1/2000																				

Samples collected by: Zubaidah Sargent, AFS FHI #94
Sampler's Affiliation: Maine DIF&W Fish Health Lab

Page: 1 of 1
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Originals: Laboratory Hatchery Main Office

Signature
Certifying Pathologist: G. Russell Danner MS, DVM
State of Maine Veterinary License No VTA1377
AFS Fish Pathologist #76

Contact Information: Fish Health Laboratory
Maine Dept of Inland Fisheries and Wildlife
81 Hatchery Road, Augusta, ME 04330
Phone/Fax (207) 287 2813
Email: russell.danner@maine.gov

New England Salmonid Fish Health Inspection Report: 2009

New England Salmonid Fish Health Committee Guidelines (Revised 1/20/2006)

Fish Health Inspector: The individual(s) collecting the fish and performing the fish health testing must be one of the following:

Lake/Impound:	Enclosed:	Sea water:	Microsieve:	2006 Fall (broodfish)	A	NEFHC rating
Free of Fish:	Open:	Salt water:	Sand filter:			

An accredited, licensed veterinarian

Accredited licensed veterinarian means a veterinarian holding a current veterinary license who has also fulfilled the accreditation requirements of the United States Department of Agriculture Animal and Plant Health Inspection Service (USDA/APHIS).

her
Other
60
N/A
NEG
ation.
60
N/A
NEG

Previous inspections on this lot: eggs/fish hatchery/retail Note: ISA V negative. No evidence of clinical disease seen on gross examination.

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:	Sample	60	60	60	60	60	60	60	60

A certified fish health inspector

Certified fish health inspector means an individual certified by the American Fisheries Society/Fish Health Section (AFS/FHS) as a Fish Health Inspector or Fish Pathologist.

N/A
NEG
ion.
60
N/A
NEG
ion.

Previous inspections on this lot: 1/1/2000 Obtained as: Type of Fish: Result Note:

Persons recognized by federal or state agencies with responsibility for fish health or transfer in the state from which the fish or gametes originate upon approval of the Commissioner.

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Originals: Laboratory Hatchery Main Office

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Signature
Certifying Pathologist: G. Russell Danner MS, DVM
State of Maine Veterinary License No VTA1377
AFS Fish Pathologist #76

Maine Dept of Inland Fisheries and Wildlife
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Phone/Fax (207) 287 2813
Email: russell.danner@maine.gov

New England Salmonid Fish Health Inspection Report: 2009

New England Salmonid Fish Health Committee Guidelines (Revised 1/20/2006)

Hatchery Name:
Street Address:
City/State/Zip Code:

Contact Person:
Telephone:

If you are not familiar with the facility it may be worthwhile requesting a diagram identifying water sources and fish rearing units

Fresh water:	Spring water:	Well water:
Lake/Impound:	Enclosed:	Sea water:
Free of Fish:	Open:	Salt water:

Note: Hatchery is equipped with a separate well source for egg incubation.

Pathogens inspected for:	Viral				Bacterial			Other	
	VP	VH	VE	VM	BF	BR	BK	SW	Other

Lot Number F0180210700
Species: *Salvelinus fontinalis*
Previous inspections on this lot: 1/1/2000

Lot Number F0180210700
Species: *Salvelinus fontinalis*
Previous inspections on this lot: 1/1/2000

Lot Number F0180210600
Species: *Salvelinus fontinalis*
Previous inspections on this lot: 1/06/08

Lot Number F0180210600
Species: *Salvelinus fontinalis*
Previous inspections on this lot: 1/1/2000

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:	Sample Method	Result	VP	VH	VE	VM	BF	BR	BK	SW	Other	
F0180210700	Brook trout	14	35,000	Phillips SFH	1/01/2009	D46B	NEG									60 B NEG	60 N/A NEG
Previous inspections on this lot:							ISAV negative. No evidence of clinical disease seen on gross examination.										
F0180210600	Brook trout	II	500	Phillips SFH	1/01/2009	D46B	NEG									60 B NEG	60 N/A NEG
Previous inspections on this lot: 1/06/08							ISAV negative. No evidence of clinical disease seen on gross examination.										
F0180210600	Brook trout	II	500	Phillips SFH	1/01/2009	D46B	NEG									60 B NEG	60 N/A NEG
Previous inspections on this lot: 1/06/08							ISAV negative. No evidence of clinical disease seen on gross examination.										
F0180210600	Brook trout	II	500	Phillips SFH	1/01/2009	D46B	NEG									60 B NEG	60 N/A NEG
Previous inspections on this lot: 1/1/2000							ISAV negative. No evidence of clinical disease seen on gross examination.										

Samples collected by: Zubaidah Sargent, AFS FHI #94
Sampler's Affiliation: Maine DIF&W Fish Health Lab

Signature
Certifying Pathologist: G. Russell Danner MS, DVM
State of Maine Veterinary License No VTA1377
AFS Fish Pathologist #76

Contact Information: Fish Health Laboratory
Maine Dept of Inland Fisheries and Wildlife
81 Hatchery Road, Augusta, ME 04330
Phone/Fax (207) 287 2813
Email: russell.danner@maine.gov

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Originals: Laboratory Hatchery Main Office

History of Fish Health Inspections

New England Salmonid Fish Health

Hatchery Name:
Street Address:
City/State/Zip Code:

Contact Person: Hatchery Manager
Telephone: (207) 287-2222

New England Salmonid Fish Health Committee Guidelines (Revised 1/20/2006)

Inspection Date	Hatchery Rating	Notes
Year/Season (fish age)	A, B, C, etc	Pathogens, etc
2008 Fall (broodfish)	A	NEFHC rating
2007 Fall (broodfish)	A	NEFHC rating
2006 Fall (broodfish)	A	NEFHC rating

Does the facility have a three year history of fish health inspections?

Note: Hatchery is equipped with a separate well source for egg incubation.

Pathogens inspected for:

Viral Bacterial Other

VP VH VE VM BF BR BK SW Other

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:	Sample Method	VP	VH	VE	VM	BF	BR	BK	SW	Other
F0180210700	Brook trout	14	35,000	Phillips SFH	1/01/2008	D46B	60	60	60	60	60	60	60	60	60
							D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
							NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Previous inspections on this lot:							ISAV negative. No evidence of clinical disease seen on gross examination.								

Were any listed pathogens found during past inspections?

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:	Sample Method	VP	VH	VE	VM	BF	BR	BK	SW	Other
F0180210700	Brook trout	14	35,000	Phillips SFH	1/01/20	D46B	60	60	60	60	60	60	60	60	60
							D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
							NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Previous inspections on this lot:							ISAV negative. No evidence of clinical disease seen on gross examination.								

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:	Sample Method	VP	VH	VE	VM	BF	BR	BK	SW	Other
F0180210700	Brook trout	14	35,000	Phillips SFH	1/01/2009	D46B	60	60	60	60	60	60	60	60	60
							D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
							NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Previous inspections on this lot:							ISAV negative. No evidence of clinical disease seen on gross examination.								

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:	Sample Method	VP	VH	VE	VM	BF	BR	BK	SW	Other
F0180210600	Brook trout	II					60	60	60	60	60	60	60	60	60
							A1A	A1A	A1I	B	N/A				
							NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Previous inspections on this lot: 1/06/08							No evidence of clinical disease seen on gross examination.								

Were fish or eggs were introduced from other sources. If so, those sources and their fish health inspections need investigated.

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:	Sample Method	VP	VH	VE	VM	BF	BR	BK	SW	Other
Previous inspections on this lot: 1/1/2000															

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:	Sample Method	VP	VH	VE	VM	BF	BR	BK	SW	Other
Previous inspections on this lot: 1/1/2000															

Samples collected by: Zubaidah Sargent, AFS FHI #94
Sampler's Affiliation: Maine DIF&W Fish Health Lab

Signature
Certifying Pathologist: G. Russell Danner MS, DVM
State of Maine Veterinary License No VTA1377
AFS Fish Pathologist #76

Contact Information: Fish Health Laboratory
Maine Dept of Inland Fisheries and Wildlife
81 Hatchery Road, Augusta, ME 04330
Phone/Fax (207) 287 2813
Email: russell.danner@maine.gov

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Water Supply

Salmonid Fish Health Inspection Report: 2009

Hatchery Name: _____
 Street Address: _____
 City/State/Zip Code: _____

Contact Person: Hatchery Manager
 Telephone: (207) 287-2222

New England Salmonid Fish Health Committee Guidelines (Revised 1/20/2006)		
Inspection Date	Hatchery Rating	Notes
Year/Season (fish age)	A, B, C, etc	Pathogens, etc
2008 Fall (broodfish)	A	NEFHC rating
2007 Fall (broodfish)	A	NEFHC rating
2006 Fall (broodfish)	A	NEFHC rating

Fresh water:	Spring water:	Well water:	UV filter:
Lake/Impound:	Enclosed:	Sea water:	Microsieve:
Free of Fish:	Open:	Salt water:	Sand filter:

Note: Hatchery is equipped with a separate well source for egg incubation.

Is it protected or treated source that could be considered "Specific Pathogen Free." (e.g. well water, protected springs, adequately treated water)

Lot N	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date	Sample Method	Sample Result	Note	Viral			Bacterial			Other
									VE	VM	BF	BR	BK	SW	Other
F018									60	60	60	60	60	60	60
							D46B		D46B	D46B	A1A	A1A	A1I	B	N/A
							NEG		NEG	NEG	NEG	NEG	NEG	NEG	NEG
									No evidence of clinical disease seen on gross examination.						
F0180210700	Brook trout	14	35,000	Phillips SFH	1/01/2009	D46B	D46B		60	60	60	60	60	60	60
	<i>Salvelinus fontinalis</i>			Obtained as:	Type of Fish:		NEG	NEG	D46B	D46B	A1A	A1A	A1I	B	N/A
				eggs/fish	hatchery/feral		NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
								ISAV negative.	No evidence of clinical disease seen on gross examination.						
F018									60	60	60	60	60	60	60
							D46B		D46B	D46B	A1A	A1A	A1I	B	N/A
							NEG		NEG	NEG	NEG	NEG	NEG	NEG	NEG
									No evidence of clinical disease seen on gross examination.						
F018									60	60	60	60	60	60	60
							D46B		D46B	D46B	A1A	A1A	A1I	B	N/A
							NEG		NEG	NEG	NEG	NEG	NEG	NEG	NEG
									No evidence of clinical disease seen on gross examination.						
									60	60	60	60	60	60	60
							D46B		D46B	D46B	A1A	A1A	A1I	B	N/A
							NEG		NEG	NEG	NEG	NEG	NEG	NEG	NEG
									No evidence of clinical disease seen on gross examination.						
									60	60	60	60	60	60	60
							D46B		D46B	D46B	A1A	A1A	A1I	B	N/A
							NEG		NEG	NEG	NEG	NEG	NEG	NEG	NEG
									No evidence of clinical disease seen on gross examination.						
									60	60	60	60	60	60	60
							D46B		D46B	D46B	A1A	A1A	A1I	B	N/A
							NEG		NEG	NEG	NEG	NEG	NEG	NEG	NEG
									No evidence of clinical disease seen on gross examination.						

Samples collected by: Zubaidah Sargent, AFS FHI #94
 Sampler's Affiliation: Maine DIF&W Fish Health Lab

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Signature
 Certifying Pathologist: G. Russell Danner MS, DVM
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 AFS Fish Pathologist #76

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 Phone/Fax (207) 287 2813
 Email: russell.danner@maine.gov

New England Salmonid Fish Health Inspection Report: 2009

Hatchery Name:
Street Address:
City/State/Zip Code:

Contact Person: Hatchery Manager
Telephone: (207) 287-2222

New England Salmonid Fish Health Committee Guidelines (Revised 1/20/2006)

<u>Inspection Date</u>	<u>Hatchery Rating</u>	<u>Notes</u>
Year/Season (fish age)	A, B, C, etc	Pathogens, etc
2008 Fall (broodfish)	A	NEFHC rating
2007 Fall (broodfish)	A	NEFHC rating
2006 Fall (broodfish)	A	NEFHC rating

Fresh water:	Spring water:	Well water:	UV filter:
Lake/Impound:	Enclosed:	Sea water:	Microsieve:
Free of Fish:	Open:	Salt water:	Sand filter:

Note: Hatchery is equipped with a separate well source for egg incubation.

Pathogens inspected for:

Lot Number Fish Species Fish Age Number in Lot Obtained Source Sampling Date:
F0180210700 Brook trout 14 35,000 Phillips SFH 1/01/2008
Salvelinus fontinalis
Obtained as: Type of Fish:
eggs/fish hatchery/feral

Lot Number Fish Species Fish Age Number in Lot Obtained Source Sampling Date:
F0180210700 Brook trout 14 35,000 Phillips SFH 1/01/2009
Salvelinus fontinalis
Obtained as: Type of Fish:
eggs/fish hatchery/feral

Lot Number Fish Species Fish Age Number in Lot Obtained Source Sampling Date:
F0180210700 Brook trout 14 35,000 Phillips SFH 1/01/2009
Salvelinus fontinalis
Obtained as: Type of Fish:
eggs/fish hatchery/feral

Lot Number Fish Species Fish Age Number in Lot Obtained Source Sampling Date:
F0180210600 Brook trout II 500 Phillips SFH 1/01/2009
Salvelinus fontinalis
Obtained as: Type of Fish:
eggs hatchery

Lot Number Fish Species Fish Age Number in Lot Obtained Source Sampling Date:

Obtained as: Type of Fish:

Previous inspections on this lot: 1/1/2000

Lot Number Fish Species Fish Age Number in Lot Obtained Source Sampling Date:

Obtained as: Type of Fish:

Previous inspections on this lot: 1/1/2000

	Viral				Bacterial			Other	
	VP	VH	VE	VM	BF	BR	BK	SW	Other
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								

The laboratory must be capable of performing the appropriate fish health tests

Laboratory

Samples collected by: Zubaidah Sargent, AFS FHI #94
Sampler's Affiliation: Maine DIF&W Fish Health Lab

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Signature
Certifying Pathologist: G. Russell Danner MS, DVM
State of Maine Veterinary License No VTA1377
AFS Fish Pathologist #76

Contact Information: Fish Health Laboratory
Maine Dept of Inland Fisheries and Wildlife
81 Hatchery Road, Augusta, ME 04330
Phone/Fax (207) 287 2813
Email: russell.danner@maine.gov

New England Salmonid Fish Health Inspection Report: 2009

Hatchery Name:
Street Address:
City/State/Zip Code:

Contact Person: Hatchery Manager
Telephone: (207) 287-2222

New England Salmonid Fish Health Committee Guidelines (*Revised 1/20/2006*)

<u>Inspection Date</u>	<u>Hatchery Rating</u>	<u>Notes</u>
Year/Season (fish age)	A, B, C, etc	Pathogens, etc
2008 Fall (broodfish)	A	NEFHC rating
2007 Fall (broodfish)	A	NEFHC rating
2006 Fall (broodfish)	A	NEFHC rating

Fresh water:	Spring water:	Well water:	UV filter:
Lake/Impound:	Enclosed:	Sea water:	Microsieve:
Free of Fish:	Open:	Salt water:	Sand filter:

Fish Lot

is defined as: A group of fish of the same species and age which originated from the same brood stock during the same year, and are being raised on the same water source.

<u>Lot Number</u>	<u>Fish Species</u>
F0180210700	Brook trout
<i>Salvelinus fontinalis</i>	
Previous inspections on this lot:	

<u>Lot Number</u>	<u>Fish Species</u>	<u>Fish Age</u>	<u>Number in Lot</u>	<u>Obtained Source</u>	<u>Sampling Date:</u>	Sample	60	60	60	60	60	60	60	60	
F0180210700	Brook trout	14	35,000	Phillips SFH	1/01/2009	Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
						Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
						Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								

<u>Lot Number</u>	<u>Fish Species</u>	<u>Fish Age</u>	<u>Number in Lot</u>	<u>Obtained Source</u>	<u>Sampling Date:</u>	Sample	60	60	60	60	60	60	60	60	
F0180210700	Brook trout	14	35,000	Phillips SFH	1/01/2009	Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
						Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
						Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								

<u>Lot Number</u>	<u>Fish Species</u>	<u>Fish Age</u>	<u>Number in Lot</u>	<u>Obtained Source</u>	<u>Sampling Date:</u>	Sample	60	60	60	60	60	60	60	60	
F0180210600	Brook trout	II	500	Phillips SFH	1/01/2009	Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
						Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
						Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								

<u>Lot Number</u>	<u>Fish Species</u>	<u>Fish Age</u>	<u>Number in Lot</u>	<u>Obtained Source</u>	<u>Sampling Date:</u>	Sample	Method	Result	Note:	
						Obtained as:	Type of Fish:			
Previous inspections on this lot: 1/1/2000										

<u>Lot Number</u>	<u>Fish Species</u>	<u>Fish Age</u>	<u>Number in Lot</u>	<u>Obtained Source</u>	<u>Sampling Date:</u>	Sample	Method	Result	Note:	
						Obtained as:	Type of Fish:			
Previous inspections on this lot: 1/1/2000										

Samples collected by: Zubaidah Sargent, AFS FHI #94
Sampler's Affiliation: Maine DIF&W Fish Health Lab

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Originals: Laboratory Hatchery Main Office

Signature _____
Certifying Pathologist: G. Russell Danner MS, DVM
State of Maine Veterinary License No VTA1377
AFS Fish Pathologist #76

Contact Information: Fish Health Laboratory
Maine Dept of Inland Fisheries and Wildlife
81 Hatchery Road, Augusta, ME 04330
Phone/Fax (207) 287 2813
Email: russell.danner@maine.gov

New England Salmonid Fish Health Inspection Report: 2009

Hatchery Name:
 Street Address:
 City/State/Zip Code:

Contact Person: Hatchery Manager
 Telephone: (207) 287-2222

New England Salmonid Fish Health Committee Guidelines (Revised 1/20/2006)

<u>Inspection Date</u>	<u>Hatchery Rating</u>	<u>Notes</u>
Year/Season (fish age)	A, B, C, etc	Pathogens, etc
2008 Fall (broodfish)	A	NEFHC rating
2007 Fall (broodfish)	A	NEFHC rating
2006 Fall (broodfish)	A	NEFHC rating

Fresh water:	Spring water:	Well water:	UV filter:
Lake/Impound:	Enclosed:	Sea water:	Microsieve:
Free of Fish:	Open:	Salt water:	Sand filter:

Note: well source for egg incubation.

Fish Species

Pathogens inspected for:

	Viral				Bacterial			Other	
	VP	VH	VE	VM	BF	BR	BK	SW	Other

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
F0180210700	Brook trout	4	35,000	Phillips SFH	1/01/2008
Previous inspections on this lot:					

Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
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Different fish species have different susceptibility to fish pathogens

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
F0180210700	Brook trout	14	35,000	Phillips SFH	1/01/2009
Previous inspections on this lot:					

Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	clinical disease seen on gross examination.								

See tables for fish families in the Northeast Fish Health Importation Guidelines

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
F0180210600	Brook trout				
Previous inspections on this lot: 1/06/08					

Sample	60	60	60	60	60	60	60	60	60
Method	A1A	A1A	A1I	B	N/A				
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
Previous inspections on this lot: 1/1/2000					

Sample									
Method									
Result									
Note:									

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
Previous inspections on this lot: 1/1/2000					

Sample									
Method									
Result									
Note:									

Samples collected by: Zubaidah Sargent, AFS FHI #94
 Sampler's Affiliation: Maine DIF&W Fish Health Lab

Contact Information: Fish Health Laboratory
 Maine Dept of Inland Fisheries and Wildlife
 81 Hatchery Road, Augusta, ME 04330
 Phone/Fax (207) 287 2813
 Email: russell.danner@maine.gov

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Signature
 Certifying Pathologist: G. Russell Danner MS, DVM
 State of Maine Veterinary License No VTA1377
 AFS Fish Pathologist #76

Originals: Laboratory Hatchery Main Office

SPECIES ABBREVIATIONS:

BKT	brook trout	LAT	lake trout
BNT	brown trout	ATS	Atlantic salmon, anadromous
RBT	rainbow trout	LAS	Atlantic salmon, landlocked

FISH AGE:

Lots of fish less than two years old, the age in months is expressed numerically.
Lots two years old or older, the age in years is expressed in Roman numerals.

Findings are reported as the number of fish examined over the method used over the results.

PATHOGEN ABBREVIATIONS:

VP	Infectious Pancreatic Necrosis
VH	Infectious Hematopoietic Necrosis
VE	Viral Hemorrhagic Septicemia
VM	Oncorhynchus masou virus
VA	Infectious Salmon Anemia
SW	Whirling Disease (<i>Myxobolus cerebralis</i>)
BF	Furunculosis (<i>Aeromonas salmonicida</i>)
BR	Enteric Redmouth (<i>Yersinia ruckeri</i>)
BK	Bacterial Kidney Disease (<i>Renibacterium salmoninarum</i>)
*	Other Pathogens of Concern

⁴DIAGNOSTIC METHODS:

VIRAL DISEASES: The methods employed are designated by a three or four letter and digit code. The first letter of the code represents the sampling method (see below). The middle number(s) represents the cell line(s) used. The last letter represents the sample pooling scheme.

Sampling Method:

A	Whole fry homogenates
B	Whole viscera homogenates
C	Visceral homogenates (spleen + kidney)
D	Ovarian fluids
E	Other _____

Cell Line(s):

1	RTG-2 (rainbow trout gonad)
2	CHSE (chinook salmon embryo)
3	FHM (fathead minnow)
4	SHK (salmon head kidney)
5	Other _____

Sample Pooling:

A	Individual fish
B	5-fish pools
C	Other _____

WHIRLING DISEASE DETECTION:

Methods employed are accepted by and described in current manuals of either the Canadian Fisheries and Marine Service or the Fish Health Section of the American Fisheries Society. A single letter code denotes the methods used as follows:

A	Pepsin/trypsin digestion method
B	Plankton centrifuge method
C	Other _____

BACTERIAL DISEASES: One or more letters are used to denote the method(s) employed to detect the presence of bacterial pathogens as follows:

A	Standard culture techniques (TSA and/or BHIA)
B	Cytophaga Agar culture for myxobacteria (Flavobacteria)
C	BKD culture technique (Evelyn)
D	Gram staining of kidney smears (for BKD only)
E	Standard methods of physical and biochemical differentiation
F	Slide agglutination
G	Direct fluorescent antibody technique
H	Indirect fluorescent antibody technique
I	Other _____

Results are noted as either + (positive) or - (negative).

Inspection Observations and Notes: add your observations here.

New England Salmonid Fish Health Inspection Report: 2009

Hatchery Name:
 Street Address:
 City/State/Zip Code:

Contact Person: Hatchery Manager
 Telephone: (207) 287-2222

New England Salmonid Fish Health Committee Guidelines (Revised 1/20/2006)		
Inspection Date	Hatchery Rating	Notes
Year/Season (fish age)	A, B, C, etc	Pathogens, etc
2008 Fall (broodfish)	A	NEFHC rating
2007 Fall (broodfish)	A	NEFHC rating
2006 Fall (broodfish)	A	NEFHC rating

Fresh water:	Spring water:	Well water:	UV filter:
Lake/Impound:	Enclosed:	Sea water:	Microsieve:
Free of Fish:	Open:	Salt water:	Sand filter:

Note: Hatchery is equipped for egg incubation.

Fish Age

Pathogens inspected for:

	Viral				Bacterial			Other	
	VP	VH	VE	VM	BF	BR	BK	SW	Other

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
F0180210700	Brook trout	14	35,000	Phillips SFH	1/01/2008
<i>Salvelinus fontinalis</i>					
Previous inspections on this lot:				Obtained as:	Type of Fish:
				eggs/fish	hatchery/feral

Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
F0180210700	Brook trout	14	35,000	Phillips SFH	1/01/2009
<i>Salvelinus fontinalis</i>					
Previous inspections on this lot:				Obtained as:	Type of Fish:
				eggs/fish	hatchery/feral

Age of fish can impact what tests can be run on the fish

Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
F0180210700	Brook trout	14	35,000	Phillips SFH	1/01/2009
<i>Salvelinus fontinalis</i>					
Previous inspections on this lot:				Obtained as:	Type of Fish:
				eggs/fish	hatchery/feral

Frequently many programs require two fish health inspections annually to ensure that all lots are tested at the appropriate time.

Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
F0180210700	Brook trout	14	35,000	Phillips SFH	1/01/2009
<i>Salvelinus fontinalis</i>					
Previous inspections on this lot:				Obtained as:	Type of Fish:
1/06/08				eggs	hatchery

Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
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Requiring only one inspection annually necessitates that the timing of an inspection be done when all ages classes can be inspected appropriately

Samples collected by: Zubaidah Sargent, AFS FHI #94
 Sampler's Affiliation: Maine DIF&W Fish Health Lab

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Signature _____
 Certifying Pathologist: G. Russell Danner MS, DVM
 State of Maine Veterinary License No VTA1377
 AFS Fish Pathologist #76

Contact Information: Fish Health Laboratory
 Maine Dept of Inland Fisheries and Wildlife
 81 Hatchery Road, Augusta, ME 04330
 Phone/Fax (207) 287 2813
 Email: russell.danner@maine.gov

SPECIES ABBREVIATIONS:

BKT	brook trout	LAT	lake trout
BNT	brown trout	ATS	Atlantic salmon, anadromous
RBT	rainbow trout	LAS	Atlantic salmon, landlocked

FISH AGE:

Lots of fish less than two years old, the age in months is expressed numerically.
Lots two years old or older, the age in years is expressed in Roman numerals.

Findings are reported as the number of fish examined over the method used over the results.

PATHOGEN ABBREVIATIONS:

VP	Infectious Pancreatic Necrosis
VH	Infectious Hematopoietic Necrosis
VE	Viral Hemorrhagic Septicemia
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SW	Whirling Disease (<i>Myxobolus cerebralis</i>)
BF	Furunculosis (<i>Aeromonas salmonicida</i>)
BR	Enteric Redmouth (<i>Yersinia ruckeri</i>)
BK	Bacterial Kidney Disease (<i>Renibacterium salmoninarum</i>)
*	Other Pathogens of Concern

⁴DIAGNOSTIC METHODS:

VIRAL DISEASES: The methods employed are designated by a three or four letter and digit code. The first letter of the code represents the sampling method (see below). The middle number(s) represents the cell line(s) used. The last letter represents the sample pooling scheme.

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A	Whole fry homogenates
B	Whole viscera homogenates
C	Visceral homogenates (spleen + kidney)
D	Ovarian fluids
E	Other _____

Cell Line(s):

1	RTG-2 (rainbow trout gonad)
2	CHSE (chinook salmon embryo)
3	FHM (fathead minnow)
4	SHK (salmon head kidney)
5	Other _____

Sample Pooling:

A	Individual fish
B	5-fish pools
C	Other _____

WHIRLING DISEASE DETECTION:

Methods employed are accepted by and described in current manuals of either the Canadian Fisheries and Marine Service or the Fish Health Section of the American Fisheries Society. A single letter code denotes the methods used as follows:

A	Pepsin/trypsin digestion method
B	Plankton centrifuge method
C	Other _____

BACTERIAL DISEASES: One or more letters are used to denote the method(s) employed to detect the presence of bacterial pathogens as follows:

A	Standard culture techniques (TSA and/or BHIA)
B	Cytophaga Agar culture for myxobacteria (Flavobacteria)
C	BKD culture technique (Evelyn)
D	Gram staining of kidney smears (for BKD only)
E	Standard methods of physical and biochemical differentiation
F	Slide agglutination
G	Direct fluorescent antibody technique
H	Indirect fluorescent antibody technique
I	Other _____

Results are noted as either + (positive) or - (negative).

Inspection Observations and Notes: add your observations here.

New England Salmonid Fish Health Inspection Report: 2009

Hatchery Name:
Street Address:
City/State/Zip Code:

Contact Person: Hatchery Manager
Telephone: (207) 287-2222

New England Salmonid Fish Health Committee Guidelines (Revised 1/20/2006)

Inspection Date	Hatchery Rating	Notes
Year/Season (fish age)	A, B, C, etc	Pathogens, etc
2008 Fall (broodfish)	A	NEFHC rating
2007 Fall (broodfish)	A	NEFHC rating
2006 Fall (broodfish)	A	NEFHC rating

Fresh water:	Spring water:	Well water:	UV filter:
Lake/Impound:	Number of Fish in the "Lot"		
Free of Fish:			
Note: Hatchery is equ			

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
F0180210700	Brook trout	14	35,000	Phillips SFH	1/01/2008
				<i>Salvelinus fontinalis</i>	
Previous inspections on this lot:				Obtained as: eggs/fish	Type of Fish: hatchery/feral

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
F0180210600	Brook trout	II	500	Phillips SFH	1/01/2009
				<i>Salvelinus fontinalis</i>	
Previous inspections on this lot: 1/06/08				Obtained as: eggs	Type of Fish: hatchery

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
F0180210600	Brook trout	II	500	Phillips SFH	1/01/2009
				<i>Salvelinus fontinalis</i>	
Previous inspections on this lot: 1/06/08				Obtained as: eggs	Type of Fish: hatchery

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
F0180210600	Brook trout	II	500	Phillips SFH	1/01/2009
				<i>Salvelinus fontinalis</i>	
Previous inspections on this lot: 1/06/08				Obtained as: eggs	Type of Fish: hatchery

	Viral				Bacterial			Other	
	VP	VH	VE	VM	BF	BR	BK	SW	Other
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								

Samples collected by: Zubaidah Sargent, AFS FHI #94
Sampler's Affiliation: Maine DIF&W Fish Health Lab

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Signature
Certifying Pathologist: G. Russell Danner MS, DVM
State of Maine Veterinary License No VTA1377
AFS Fish Pathologist #76

Contact Information: Fish Health Laboratory
Maine Dept of Inland Fisheries and Wildlife
81 Hatchery Road, Augusta, ME 04330
Phone/Fax (207) 287 2813
Email: russell.danner@maine.gov

New England Salmonid Fish Health Inspection Report: 2009

Hatchery Name:
Street Address:
City/State/Zip Code:

Contact Person: Hatchery Manager
Telephone: (207) 287-2222

New England Salmonid Fish Health Committee Guidelines (Revised 1/20/2006)

<u>Inspection Date</u>	<u>Hatchery Rating</u>	<u>Notes</u>
Year/Season (fish age)	A, B, C, etc	Pathogens, etc
2008 Fall (broodfish)	A	NEFHC rating
2007 Fall (broodfish)	A	NEFHC rating
2006 Fall (broodfish)	A	NEFHC rating

Fresh water:	Spring water:	Well water:	UV filter:
Lake/Impound:	Enclosed:	Sea water:	Microsieve:
Free of Fish:	Open:	Salt water:	

Note: Hatchery is equipped with a separate well source for **Source**

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date	Sample Method	Viral			Bacterial			Other		
							VP	VH	VE	VM	BF	BR	BK	SW	Other
F0180210700	Brook trout	14	35,000	Phillips SFH	1/01/2008	D46B	60	60	60	60	60	60	60	60	N/A
Previous inspections on this lot: Obtained as: Type of Fish: eggs/fish hatchery/feral						Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:						ISAV negative. No evidence of clinical disease seen on gross examination.									
F0180210700	Brook trout	14	35,000	Phillips SFH	1/01/2009	D46B	60	60	60	60	60	60	60	60	N/A
Previous inspections on this lot: Obtained as: Type of Fish: eggs/fish hatchery/feral						Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:						ISAV negative. No evidence of clinical disease seen on gross examination.									
F0180210600	Brook trout	14	500	Phillips SFH	1/01/2009	D46B	60	60	60	60	60	60	60	60	N/A
Previous inspections on this lot: 1/1/2000						Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:						ISAV negative. No evidence of clinical disease seen on gross examination.									

If fish originate from other sources, it is important to have the fish health history from those sources

It is also important to know if the fish were obtained as fish or eggs. Some pathogens will not transfer with eggs or disinfected eggs (e.g. furunculosis or whirling disease).

Samples collected by: Zubaidah Sargent, AFS FHI #94
Sampler's Affiliation: Maine DIF&W Fish Health Lab

Contact Information: Fish Health Laboratory
Maine Dept of Inland Fisheries and Wildlife
81 Hatchery Road, Augusta, ME 04330
Phone/Fax (207) 287 2813
Email: russell.danner@maine.gov

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Signature
Certifying Pathologist: G. Russell Danner MS, DVM
State of Maine Veterinary License No VTA1377
AFS Fish Pathologist #76

Originals: Laboratory Hatchery Main Office

New England Salmonid Fish Health Inspection Report: 2009

Hatchery Name:
Street Address:
City/State/Zip Code:

Contact Person: Hatchery Manager
Telephone: (207) 287-2222

New England Salmonid Fish Health Committee Guidelines (Revised 1/20/2006)

Inspection Date	Hatchery Rating	Notes
Year/Season (fish age)	A, B, C, etc	Pathogens, etc
2008 Fall (broodfish)	A	NEFHC rating
2007 Fall (broodfish)	A	NEFHC rating
2006 Fall (broodfish)	A	NEFHC rating

Fresh water:	Spring water:	Well water:	UV filter:
Lake/Impound:	Enclosed:	Sea water:	Microsieve:
Free of Fish:	Open:	Salt water:	

Note: Hatchery is equipped with a separate well source for egg in

Sampling Date

						Viral		Bacterial			Other				
						VP	VH	VE	VM	BF	BR	BK	SW	Other	
<u>Lot Number</u>	<u>Fish Species</u>	<u>Fish Age</u>	<u>Number in Lot</u>	<u>Obtained Source</u>	<u>Sampling Date:</u>	Sample	60	60	60	60	60	60	60	60	
F0180210700	Brook trout	14	35,000	Phillips SFH	1/01/2008	Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
<i>Salvelinus fontinalis</i>						Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Previous inspections on this lot:						Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								
<u>Lot Number</u>	<u>Fish Species</u>	<u>Fish Age</u>	<u>Number in Lot</u>	<u>Obtained Source</u>	<u>Sampling Date:</u>	Sample	60	60	60	60	60	60	60	60	
F0180210700	Brook trout	14	35,000	Phillips SFH	1/01/2008	Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
<i>Salvelinus fontinalis</i>						Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Previous inspections on this lot:						Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								
<u>Lot Number</u>	<u>Fish Species</u>	<u>Fish Age</u>	<u>Number in Lot</u>	<u>Obtained Source</u>	<u>Sampling Date:</u>	Sample	60	60	60	60	60	60	60	60	
F0180210600	Brook trout	II	500	Phillips SFH	1/01/2009	Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
<i>Salvelinus fontinalis</i>						Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Previous inspections on this lot: 1/06/08						Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								
<u>Lot Number</u>	<u>Fish Species</u>	<u>Fish Age</u>	<u>Number in Lot</u>	<u>Obtained Source</u>	<u>Sampling Date:</u>	Sample									
						Method									
Previous inspections on this lot: 1/1/2000						Result									
<u>Lot Number</u>	<u>Fish Species</u>	<u>Fish Age</u>	<u>Number in Lot</u>	<u>Obtained Source</u>	<u>Sampling Date:</u>	Sample									
						Method									
Previous inspections on this lot: 1/1/2000						Result									

Permits you to determine when the inspection took place, that there was some continuity in the inspection and between inspections

Samples collected by: Zubaidah Sargent, AFS FHI #94
Sampler's Affiliation: Maine DIF&W Fish Health Lab

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Originals: Laboratory Hatchery Main Office

Signature _____
Certifying Pathologist: G. Russell Danner MS, DVM
State of Maine Veterinary License No VTA1377
AFS Fish Pathologist #76

Contact Information: Fish Health Laboratory
Maine Dept of Inland Fisheries and Wildlife
81 Hatchery Road, Augusta, ME 04330
Phone/Fax (207) 287 2813
Email: russell.danner@maine.gov

New England Salmonid Fish Health Inspection Report: 2009

Hatchery Name:
 Street Address:
 City/State/Zip Code:

Contact Person: Hatchery Manager
 Telephone: (207) 287-2222

New England Salmonid Fish Health Committee Guidelines (Revised 1/20/2006)		
Inspection Date	Hatchery Rating	Notes
Year/Season (fish age)	A, B, C, etc	Pathogens, etc
2008 Fall (broodfish)	A	NEFHC rating
2007 Fall (broodfish)	A	NEFHC rating
2006 Fall (broodfish)	A	NEFHC rating

Fresh water:	Spring water:	Well water:	UV filter:
Lake/Impound:	Enclosed:	Sea water:	Microsieve:
Free of Fish:	Open:	Salt water:	Sand filter:

Note: Hatchery is equipped with a separate well source for egg incubation.

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date	Sample Method	Type of Fish																							
							VP	VH	VE	VM	BF	BR	BK	SW	Other															
F0180210700	Brook trout <i>Salvelinus fontinalis</i>	14	35,000	Phillips SFH	1/01/2008	D46B	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Previous inspections on this lot:						Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	Note: ISAV negative. No evidence of clinical disease seen on gross examination.							
F0180210700	Brook trout <i>Salvelinus fontinalis</i>	14	35,000	Phillips SFH	1/01/2009	D46B	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Previous inspections on this lot:						Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	Note: ISAV negative. No evidence of clinical disease seen on gross examination.							
F0180210700	Brook trout <i>Salvelinus fontinalis</i>	14	35,000			D46B	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Previous inspections on this lot:						Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	Note: ISAV negative. No evidence of clinical disease seen on gross examination.							

There is always a risk when accepting fish come from an unprotected water source. Unprotected water sources for fish can become infected at any time, significantly reducing the effectiveness of having a history of fish health inspections.

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date	Sample Method
				Obtained as:	Type of Fish:	Result
Previous inspections on this lot: 1/1/2000						Note:

Samples collected by: Zubaidah Sargent, AFS FHI #94
 Sampler's Affiliation: Maine DIF&W Fish Health Lab

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 Email: russell.danner@maine.gov

New England Salmonid Fish Health Inspection Report: Findings

New England Salmonid Fish Health Committee Guidelines (Revised 1/20/2006)

Hatchery Name:
Street Address:
City/State/Zip Code:

Contact Person: Hatchery Manager
Telephone: (207) 287-2222

Findings are reported as the number of fish examined over the methods used and over the results

Fresh water:	Spring water:	Well water:	UV filter:
Lake/Impound:	Enclosed:	Sea water:	Microsieve:
Free of Fish:	Open:	Salt water:	Sand filter:

Note: Hatchery is equipped with a separate well source for egg incubation.

Abbreviations for pathogens

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
F0180210700	Brook trout	14	35,000	Phillips SFH	1/01/2008
<i>Salvelinus fontinalis</i>					
Obtained as: Type of Fish: eggs/fish hatchery/feral					
Previous inspections on this lot:					
F0180210700	Brook trout	14	35,000	Phillips SFH	1/01/2009
<i>Salvelinus fontinalis</i>					
Obtained as: Type of Fish: eggs/fish hatchery/feral					
Previous inspections on this lot:					
F0180210700	Brook trout	14	35,000	Phillips SFH	1/01/2009
<i>Salvelinus fontinalis</i>					
Obtained as: Type of Fish: eggs/fish hatchery/feral					
Previous inspections on this lot:					
F0180210600	Brook trout	II	500	Phillips SFH	1/01/2009
<i>Salvelinus fontinalis</i>					
Obtained as: Type of Fish: eggs hatchery					
Previous inspections on this lot: 1/06/08					
Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
Obtained as: Type of Fish:					
Previous inspections on this lot: 1/1/2000					
Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
Obtained as: Type of Fish:					
Previous inspections on this lot: 1/1/2000					

	Viral				Bacterial			Other	
	VP	VH	VE	VM	BF	BR	BK	SW	Other
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								

Samples collected by: Zubaidah Sargent, AFS FHI #94
Sampler's Affiliation: Maine DIF&W Fish Health Lab

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Contact Information: Fish Health Laboratory
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SPECIES ABBREVIATIONS:

BKT	brook trout	LAT	lake trout
BNT	brown trout	ATS	Atlantic salmon, anadromous
RBT	rainbow trout	LAS	Atlantic salmon, landlocked

FISH AGE:

Lots of fish less than two years old, the age in months is expressed numerically.
Lots two years old or older, the age in years is expressed in Roman numerals.

Findings are reported as the number of fish examined over the method used over the results.

PATHOGEN ABBREVIATIONS:

VP	Infectious Pancreatic Necrosis
VH	Infectious Hematopoietic Necrosis
VE	Viral Hemorrhagic Septicemia
VM	Oncorhynchus masou virus
VA	Infectious Salmon Anemia
SW	Whirling Disease (<i>Myxobolus cerebralis</i>)
BF	Furunculosis (<i>Aeromonas salmonicida</i>)
BR	Enteric Redmouth (<i>Yersinia ruckeri</i>)
BK	Bacterial Kidney Disease (<i>Renibacterium salmoninarum</i>)
*	Other Pathogens of Concern

⁴DIAGNOSTIC METHODS:

VIRAL DISEASES: The methods employed are designated by a three or four letter and digit code. The first letter of the code represents the sampling method (see below). The middle number(s) represents the cell line(s) used. The last letter represents the sample pooling scheme.

Sampling Method:

A	Whole fry homogenates
B	Whole viscera homogenates
C	Visceral homogenates (spleen + kidney)
D	Ovarian fluids
E	Other _____

Cell Line(s):

1	RTG-2 (rainbow trout gonad)
2	CHSE (chinook salmon embryo)
3	FHM (fathead minnow)
4	SHK (salmon head kidney)
5	Other _____

Sample Pooling:

A	Individual fish
B	5-fish pools
C	Other _____

WHIRLING DISEASE DETECTION:

Methods employed are accepted by and described in current manuals of either the Canadian Fisheries and Marine Service or the Fish Health Section of the American Fisheries Society. A single letter code denotes the methods used as follows:

A	Pepsin/trypsin digestion method
B	Plankton centrifuge method
C	Other _____

BACTERIAL DISEASES: One or more letters are used to denote the method(s) employed to detect the presence of bacterial pathogens as follows:

A	Standard culture techniques (TSA and/or BHIA)
B	Cytophaga Agar culture for myxobacteria (Flavobacteria)
C	BKD culture technique (Evelyn)
D	Gram staining of kidney smears (for BKD only)
E	Standard methods of physical and biochemical differentiation
F	Slide agglutination
G	Direct fluorescent antibody technique
H	Indirect fluorescent antibody technique
I	Other _____

Results are noted as either + (positive) or - (negative).

Inspection Observations and Notes: add your observations here.

New England Salmonid Fish Health Inspection Report: Findings

New England Salmonid Fish Health Committee Guidelines (Revised 1/20/2006)

Hatchery Name:
Street Address:
City/State/Zip Code:

Contact Person: Hatchery Manager
Telephone: (207) 287-2222

Findings are reported as the number of fish examined over the methods used and over the results

Fresh water:	Spring water:	Well water:	UV filter:
Lake/Impound:	Enclosed:	Sea water:	Microsieve:
Free of Fish:	Open:	Salt water:	Sand filter:

Note: Hatchery is equipped with a separate well source for egg incubation.

Abbreviations for pathogens

The number of fish examined determines if the statistically appropriate number of fish were sampled and tested

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
F0180210700	Brook trout	14	35,000	Phillips SFH	1/01/2008
<i>Salvelinus fontinalis</i>					
Previous inspections on this lot:				Obtained as:	Type of Fish:
				eggs/fish	hatchery/feral
<hr/>					
F0180210600	Brook trout	II	500	Phillips SFH	1/01/2009
<i>Salvelinus fontinalis</i>					
Previous inspections on this lot: 1/06/08				Obtained as:	Type of Fish:
				eggs	hatchery
<hr/>					
Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
Previous inspections on this lot: 1/1/2000				Obtained as:	Type of Fish:
<hr/>					
Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
Previous inspections on this lot: 1/1/2000				Obtained as:	Type of Fish:

	Viral				Bacterial			Other	
	VP	VH	VE	VM	BF	BR	BK	SW	Other
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								
<hr/>									
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								
<hr/>									
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								
<hr/>									
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								

Samples collected by: Zubaidah Sargent, AFS FHI #94
Sampler's Affiliation: Maine DIF&W Fish Health Lab

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New England Salmonid Fish Health Inspection Report: Findings

New England Salmonid Fish Health Committee Guidelines (Revised 1/20/2006)

Hatchery Name:
Street Address:
City/State/Zip Code:

Contact Person: Hatchery Manager
Telephone: (207) 287-2222

Findings are reported as the number of fish examined over the methods used and over the results

Fresh water:	Spring water:	Well water:	UV filter:
Lake/Impound:	Enclosed:	Sea water:	Microsieve:
Free of Fish:	Open:	Salt water:	Sand filter:

Note: Hatchery is equipped with a separate well source for egg incubation.

Abbreviations for pathogens

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
E0180210700	Brook trout	14	35,000	Phillips SEH	1/01/2008

The number of fish examined determines if the statistically appropriate number of fish were sampled and tested

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
------------	--------------	----------	---------------	-----------------	----------------

The "Methods" used must be appropriate for age of fish sampled and tests being run.

<i>Salvelinus fontinalis</i>		Obtained as:	Type of Fish:
Previous inspections on this lot: 1/06/08		eggs	hatchery
Lot Number	Fish Species	Fish Age	Number in Lot
Previous inspections on this lot: 1/1/2000		Obtained as:	Type of Fish:
Lot Number	Fish Species	Fish Age	Number in Lot
Previous inspections on this lot: 1/1/2000		Obtained as:	Type of Fish:

	Viral				Bacterial			Other	
	VP	VH	VE	VM	BF	BR	BK	SW	Other
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								

Samples collected by: Zubaidah Sargent, AFS FHI #94
Sampler's Affiliation: Maine DIF&W Fish Health Lab

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FISH AGE:

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Lots two years old or older, the age in years is expressed in Roman numerals.

Findings are reported as the number of fish examined over the method used over the results.

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⁴DIAGNOSTIC METHODS:

VIRAL DISEASES: The methods employed are designated by a three or four letter and digit code. The first letter of the code represents the sampling method (see below). The middle number(s) represents the cell line(s) used. The last letter represents the sample pooling scheme.

Sampling Method:

A	Whole fry homogenates
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C	Visceral homogenates (spleen + kidney)
D	Ovarian fluids
E	Other _____

Cell Line(s):

1	RTG-2 (rainbow trout gonad)
2	CHSE (chinook salmon embryo)
3	FHM (fathead minnow)
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Sample Pooling:

A	Individual fish
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WHIRLING DISEASE DETECTION:

Methods employed are accepted by and described in current manuals of either the Canadian Fisheries and Marine Service or the Fish Health Section of the American Fisheries Society. A single letter code denotes the methods used as follows:

A	Pepsin/trypsin digestion method
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BACTERIAL DISEASES: One or more letters are used to denote the method(s) employed to detect the presence of bacterial pathogens as follows:

A	Standard culture techniques (TSA and/or BHIA)
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Results are noted as either + (positive) or - (negative).

Inspection Observations and Notes: add your observations here.

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A	Individual fish
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F	Slide agglutination
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Results are noted as either + (positive) or - (negative)

Inspection Observations and Notes: add your observations here.

New England Salmonid Fish Health Inspection Report: Findings

New England Salmonid Fish Health Committee Guidelines (Revised 1/20/2006)

Hatchery Name: _____
 Street Address: _____
 City/State/Zip Code: _____

Contact Person: Hatchery Manager
 Telephone: (207) 287-2222

Findings are reported as the number of fish examined over the methods used and over the results

Fresh water:	Spring water:	Well water:	UV filter:
Lake/Impound:	Enclosed:	Sea water:	Microsieve:
Free of Fish:	Open:	Salt water:	Sand filter:

Note: Hatchery is equipped with a separate well source for egg incubation.

Abbreviations for pathogens

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
E0180210700	Brook trout	14	35,000	Phillips SEH	1/01/2008

The number of fish examined determines if the statistically appropriate number of fish were sampled and tested

Lot Number	Fish Species	Fish Age	Number in Lot	Obtained Source	Sampling Date:
------------	--------------	----------	---------------	-----------------	----------------

The "Methods" used must be appropriate for age of fish sampled and tests being run.

<i>Salvelinus fontinalis</i>	Obtained as:	Type of Fish:
------------------------------	--------------	---------------

Results are either positive (+) or negative (-) indicating the presence or absence of a pathogen in a sample.

Previous inspections on this lot: 1/1/2000	Obtained as:	Type of Fish:
--	--------------	---------------

	Viral				Bacterial			Other	
	VP	VH	VE	VM	BF	BR	BK	SW	Other
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								
Sample	60	60	60	60	60	60	60	60	60
Method	D46B	D46B	D46B	D46B	A1A	A1A	A1I	B	N/A
Result	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Note:	ISAV negative. No evidence of clinical disease seen on gross examination.								
Sample									
Method									
Result									
Note:									
Sample									
Method									
Result									
Note:									

Samples collected by: Zubaidah Sargent, AFS FHI #94
 Sampler's Affiliation: Maine DIF&W Fish Health Lab

Page: 1 of 1
 Printed on:
 Originals: Laboratory Hatchery Main Office

Signature _____
 Certifying Pathologist: G. Russell Danner MS, DVM
 State of Maine Veterinary License No VTA1377
 AFS Fish Pathologist #76

Contact Information: Fish Health Laboratory
 Maine Dept of Inland Fisheries and Wildlife
 81 Hatchery Road, Augusta, ME 04330
 Phone/Fax (207) 287 2813
 Email: russell.danner@maine.gov

SPECIES ABBREVIATIONS:

BKT	brook trout	LAT	lake trout
BNT	brown trout	ATS	Atlantic salmon, anadromous
RBT	rainbow trout	LAS	Atlantic salmon, landlocked

FISH AGE:

Lots of fish less than two years old, the age in months is expressed numerically.
Lots two years old or older, the age in years is expressed in Roman numerals.

Findings are reported as the number of fish examined over the method used over the results.

PATHOGEN ABBREVIATIONS:

VP	Infectious Pancreatic Necrosis
VH	Infectious Hematopoietic Necrosis
VE	Viral Hemorrhagic Septicemia
VM	Oncorhynchus masou virus
VA	Infectious Salmon Anemia
SW	Whirling Disease (<i>Myxobolus cerebralis</i>)
BF	Furunculosis (<i>Aeromonas salmonicida</i>)
BR	Enteric Redmouth (<i>Yersinia ruckeri</i>)
BK	Bacterial Kidney Disease (<i>Renibacterium salmoninarum</i>)
*	Other Pathogens of Concern

⁴DIAGNOSTIC METHODS:

VIRAL DISEASES: The methods employed are designated by a three or four letter and digit code. The first letter of the code represents the sampling method (see below). The middle number(s) represents the cell line(s) used. The last letter represents the sample pooling scheme.

Sampling Method:

A	Whole fry homogenates
B	Whole viscera homogenates
C	Visceral homogenates (spleen + kidney)
D	Ovarian fluids
E	Other _____

Cell Line(s):

1	RTG-2 (rainbow trout gonad)
2	CHSE (chinook salmon embryo)
3	FHM (fathead minnow)
4	SHK (salmon head kidney)
5	Other _____

Sample Pooling:

A	Individual fish
B	5-fish pools
C	Other _____

WHIRLING DISEASE DETECTION:

Methods employed are accepted by and described in current manuals of either the Canadian Fisheries and Marine Service or the Fish Health Section of the American Fisheries Society. A single letter code denotes the methods used as follows:

A	Pepsin/trypsin digestion method
B	Plankton centrifuge method
C	Other _____

BACTERIAL DISEASES: One or more letters are used to denote the method(s) employed to detect the presence of bacterial pathogens as follows:

A	Standard culture techniques (TSA and/or BHIA)
B	Cytophaga Agar culture for myxobacteria (Flavobacteria)
C	BKD culture technique (Evelyn)
D	Gram staining of kidney smears (for BKD only)
E	Standard methods of physical and biochemical differentiation
F	Slide agglutination
G	Direct fluorescent antibody technique
H	Indirect fluorescent antibody technique
I	Other _____

Results are noted as either + (positive) or - (negative).

Inspection Observations and Notes: add your observations here.

Table 3 NEFHC Guidelines for Annual Fish Health Inspections for Salmonidae Fishes (e.g., trout, salmon, char). HAVE TO INSPECT FOR:

Target Pathogen	Facility Inspection	Wild Fish Inspection	Comments
<u>Viral Pathogens:</u> Infectious salmon anemia virus Viral hemorrhagic septicemia virus Infectious pancreatic necrosis virus Oncorhynchus masou virus Infectious hematopoietic necrosis virus <u>Bacterial Pathogens:</u> <i>Aeromonas salmonicida</i> <i>Yersinia ruckerii</i> <i>Renibacterium salmonarum</i> <u>Parasitic Pathogens:</u> <i>Heterosporis sp.</i> <i>Myxobolus cerebralis</i>	150 fish minimum from the facility with no less than 60 of each species. 3 years of inspection on facility.	60 fish per species; 3 years of inspection on source population.	Any filterable agent causing CPE will be reported and investigated
			bacterial colony exhibiting dominance will be identified and reported
	with no less than 30 fish per species. 3 years of inspection on facility.	inspection on source population.	Other parasites observed will be noted and reported

The Family Tables in the NEFHC Guidelines identify which pathogens would be appropriate to test for those for fish in that family

Table 4 NEFHC Guidelines for Annual Fish Health Inspections for Percidae Fishes (e.g., walleye, yellow perch). HAVE TO INSPECT FOR:

Target Pathogen	Facility Inspection	Wild Fish Inspection	Comments
<u>Viral Pathogens:</u> Infectious hematopoietic necrosis virus Infectious pancreatic necrosis virus Viral hemorrhagic septicemia virus <u>Bacterial Pathogens:</u> <i>Aeromonas salmonicida</i> <i>Yersinia ruckerii</i> <u>Parasitic Pathogens:</u> <i>Heterosporis sp.</i>	150 fish minimum from the facility with no less than 60 of each species. 3 years of inspection on facility.	60 fish per species; 3 years of inspection on source population.	Any filterable agent causing CPE will be reported and investigated
			bacterial colony exhibiting dominance will be identified and reported
	60 fish minimum from the facility with no less than 30 fish per species. 3 years of inspection on facility.	60 fish per species; 3 years of inspection on source population.	All other parasites observed will be noted and reported

The pathogens required to be inspected for can change by family

Northeast Fish Health Guidelines for Fish Importation

Fish Family Tables

Tables

Table 1 NEFHC Guidelines for Annual (July/August) Fish Health Inspections for Centrarchidae Fishes (e.g., black bass). HAVE TO INSPECT FOR:

Target Pathogen	Facility Inspection	Wild Fish Inspection	Comments
Viral Pathogens: Largemouth bass virus Viral hemorrhagic septicemia virus Infectious pancreatic necrosis virus	3 years of inspection on facility.	60 fish per species; 3 years of inspection on source population.	Any filterable agent causing CPE will be reported and investigated
<u>Bacterial Pathogens:</u> <i>Aeromonas salmonicida</i> <i>Yersinia ruckerii</i>	Centrarchidae (e.g. bass) 60 fish minimum from the facility per species.	60 fish per species; 3 years of inspection on source population.	Any bacterial colony exhibiting predominance will be identified and reported
<u>Parasitic Pathogens:</u> <i>Heterosporis sp.</i> <i>Bothriocephalus opsarichthidis</i>	Percichthyidae (e.g. striped bass) 3 years of inspection on facility.	60 fish per species; 3 years of inspection on source population.	All other parasites observed will be noted and reported
Salmonidae (e.g. trout, salmon)			

Table 2 NEFHC Guidelines for Annual (July/August) Fish Health Inspections for Percidae Fishes (e.g., walleye, yellow perch, rock basses). HAVE TO INSPECT FOR:

Target Pathogen	Facility Inspection	Wild Fish Inspection	Comments
Viral Pathogens: Largemouth bass virus Viral hemorrhagic septicemia virus Infectious pancreatic necrosis virus Spring viremia of carp	3 years of inspection on facility.	60 fish per species; 3 years of inspection on source population.	Any filterable agent causing CPE will be reported and investigated
<u>Bacterial Pathogens:</u> <i>Aeromonas salmonicida</i> <i>Yersinia ruckerii</i> <i>Photobacterium damsela</i> <i>Streptococcus spp.</i>	Cyprinidae (e.g. minnows) 60 fish minimum from the facility per species.	60 fish per species; 3 years of inspection on source population.	Any bacterial colony exhibiting predominance will be identified and reported
<u>Parasitic Pathogens:</u> none	Esocidae (e.g. northern pike, muskellunge) Ictaluridae (e.g. catfish) Clupeidae (e.g. shad)	60 fish per species; 3 years of inspection on source population.	All other parasites observed will be noted and reported

Writing an Importation Permit

- It is important that permit clearly provides the permittee what they are permitted and not permitted to do

e.g. The permittee is only authorized to import these species, strains, number from this source on this date

- It is important that the permit can be easily enforced

e.g. The carrier of the fish must have in his possession:

A bill of lading from the source

The source, species, number of fish in each tank

A copy of the importation permit

- What are the consequences of illegal fish importations

e.g. Suspension and revocation of permit, loss of fish

If you have questions when reviewing an importation permit,
the following individuals can provide guidance:

The Following References can be found at:

<http://www.state.me.us/ifw/fishing/health/index.htm>

- **New England Fish Health Guidelines**
- **Northeast Fish Health Committees Guidelines for Fish importation**
- **Northeast Fish Health Committee Guidelines for Fish Importation Program for Implementation of Importation Guidelines**