



State of Utah

GARY R. HERBERT  
*Governor*

SPENCER J. COX  
*Lieutenant Governor*

Department of Agriculture and Food

LUANN ADAMS  
*Commissioner*

SCOTT ERICKSEN  
*Deputy Commissioner*

CODY JAMES  
*Director of Animal Industry Division*

BARRY PITTMAN, DVM  
*State Veterinarian*

2 December 2015

Neal Barker, Owner  
Cold Springs Trout Farm  
2284 N. Fruitland Dr.  
N. Ogden, Utah 84414

Subject: Cold Springs Trout Farm North fish health approval (Log No. 15-362)

Dear Neal,

I have received your 2015 fish health inspection report from the Washington Animal Disease Diagnostic Lab (WADDL) and have assigned fish health approval number FHA153621115UT to Cold Springs Trout Farm North. This number is valid for the sale of diploid and sterile rainbow, brown and brook trout, tiger trout and hybrid striped bass through 3 January 2017. The number is also valid for the sale of bluegill through 22 July 2016. Please let me know if you would rather have a separate number for bluegill, since they are on a different inspection schedule.

No nuisance species were detected during the inspection for aquatic nuisance species conducted on November 6, 2015.

Thank you for your valuable assistance with the licensing process.

Please call (801) 538-7046 if you have any questions or if I can be of further assistance.

Best regards,

A handwritten signature in cursive script that reads "Anna Marie Forest".

Anna Marie Forest, Manager  
Fish Health Program  
Utah Department of Agriculture and Food

**ACCESSION FORM FOR GENERAL DIAGNOSTICS**  
**Washington Animal Disease Diagnostic Laboratory**

College of Veterinary Medicine, Washington State University

Web Site: <http://waddl.vetmed.wsu.edu>

US Postal Service mailing address:  
 PO Box 647034  
 Pullman, WA. 99164-7034

UPS, FedEx or Courier shipping address:  
 Bustad Hall, Rm.155-N  
 Pullman, WA. 99164-7034

Phone: (509) 335-9696  
 FAX: (509) 335 7424  
 E-Mail: [waddl@vetmed.wsu.edu](mailto:waddl@vetmed.wsu.edu)

2015 - 14661  
 Ret Vet: Forest, Anna  
 Owner: Cold Springs Trout Farm  
 Breed: Fish sp.  
 Routed: a.ab.av

11/03/15  
 Form: 2 pages



*Please type or use black ink and print clearly.*

Veterinarian or Last Case Coordinator: Name: <b>Forest</b>		First Name: <b>Anna</b>
Clinic: <b>WHL Dept. of Ag</b>		
Street address:		Mailing Address or PO Box:
City:	State:	Zip:
Phone:	Fax:	E-mail:
Owner: Last Name first: <b>Cold Springs Trout Farm</b>		Guardian Name: (if owner is under 18)
Farm Name:		First Time Submitter? <input type="checkbox"/> Yes <input type="checkbox"/> No
Street address:		Mailing Address or PO Box:
City:	State:	Zip:
Phone:	Fax:	E-mail:

**Billing:**  Owner  Clinic  3rd Party (preapproval required) Please note: WADDL policy is to bill the clinic if provided, unless prepaid.

**Reporting Preference:**  Mail  Fax  Web access - register on web site at <http://waddl.vetmed.wsu.edu>

*Please fill out completely as possible:*

<b>Specimen(s) Submitted:</b>						Date Collected: <b>11/2/15</b>
(Please use WADDL Animal ID Sheet for multiple animals.)						Date Shipped:
Tests Requested:		<input type="checkbox"/> Necropsy	<input type="checkbox"/> Virology	<input type="checkbox"/> Bacteriology	<input type="checkbox"/> IHC	
		<input type="checkbox"/> Histopathology	<input type="checkbox"/> Serology	<input type="checkbox"/> Mycoplasma culture	<input type="checkbox"/> PCR	
		<input type="checkbox"/> Toxicology	<input type="checkbox"/> Fungal Culture	<input type="checkbox"/> Parasitology	<input type="checkbox"/> Other:	
<i>Note: WADDL reserves the right to modify the tests requested for more efficient case work-up and / or to send specimens to outside laboratories to perform testing not done at WADDL.</i>						
Animal ID (name/tag#)	Species	Breed	Age	Sex	Animal Weight	
Location of Lesion	No. In group	No. Dead	No. Sick	No. on Premises	Duration of Problem	

**\* Was animal euthanized? If so, what method?**

**Additional History:** Vaccinations, signs, stress factors, treatments, post mortem findings, pertinent feed or feed additives, clinical lab results, previous WADDL Case Numbers. (Attach additional sheets as necessary.)

*See Attached*

WADDL is an official brucellosis testing laboratory. All serology for brucellosis, including abortion screens, requires identification of animals, date of sample collection, and signature of an accredited veterinarian attesting to the following statement:

**"I certify that the specimens submitted with this form were collected by me from the animal(s) described on the date indicated."**

Veterinarian's, Clinician's or Owner's Signature:	Condition(s) Suspected:
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State of Utah Department of Agriculture and Food  
FISH HEALTH SAMPLE COLLECTION FORM

UDAF Log Number: 15-337

Name of Fish Source:		Cold Springs Trout Farm		Name of Owner or Manager:		Neal Barker		Collection Date:		11/2-3/2015				
Address or Location:		2284 North Fullland Drive North Ogden, UT 84114		Telephone Number:		801-710-4905		Collector(s):		Anna Marie Forest Dr. Barry Pittman				
UTM North		0		Testing Laboratory:		WADDL, Jim Thompson Bustad Hall, Room 155-N, Seattle, WA 95185-7705								
UTM East		0		<b>FISH EXAMINED</b>										
Lot #	Species	Age/Length <sup>2</sup>	# in Lot	Hatchery Lot # / (Obtained as Eggs (E) or Fish (F))	Number of Samples							Remarks		
					Virology			Bacteriology		Parasites			Blood	
					OF	K/S	WV	WF	AGAR	BKD	MC	AT	Blood	
1	BK	2-4 year brood	500	Cold Springs	60									Collected 11/3
2	BN	2-4 year brood	500	Cold Springs	60									Collected 11/3
3	RT	2-4 year brood	500	Cold Springs	60									Collected 11/3
4	BK	10 month 5 inch	10,000	Cold Springs	60									Collected 11/3
5	BN	10 month 4 inch	10,000	Cold Springs	60									Collected 11/2
6	RT	10 month 5 inch	25,000	Cold Springs	60				60					Collected 11/2
7	RTTP	4 month 3 inch	10,000	Spring lake and Trout Lodge	60									Collected 11/2
8	TG	10 month 5 inch	25,000	Cold Springs	60									Collected 11/2
9	WPSW	8" 5 month 6" 17 month	3,000	Cold Springs KEO 30 - lot 9A lot 9B	60									Collected 11/2
N/A	0													

OF = ovarian fluid; K/S = kidney/spleen; WV = whole viscera; WF = whole fish; BKD = kidney; MC = M. cerebralis; AT = Asian Tapeworm  
 1 Use standard abbreviations (see species codes worksheet)  
 2 For hatchery fish, give age in months and length in inches.

The biological samples above and/or on additional pages were collected from fish at the above named facility on the date and by the collector(s) listed, with my approval and knowledge. I consent that the samples be shipped to the named laboratory for the purpose of pathogen analysis.

Type of Inspection:  
 Annual Health Inspection   
 Supplemental Inspection   
 Diagnostic   
 Research

The biological samples listed above were collected under my supervision at the site specified for pathogen analysis at the laboratory(s) specified.

Hatchery Owner or Agent: \_\_\_\_\_  
 Fish Health Inspector In Charge: \_\_\_\_\_

State of Utah Department of Agriculture and Food  
FISH HEALTH SAMPLE COLLECTION FORM

UDAF Log Number: 15-337

Name of Fish Source:	Cold Springs Trout Farm	Name of Owner or Manager:	Neal Barker	Collection Date:	11/2-3/2015
Address or Location:	2284 North Fairland Drive North Ogden, UT 84114	Telephone Number:	801-710-4905	Collector(s):	Anna Marie Forest Dr. Barry Pittman
UTM North	0	Testing Laboratory:	WADDL Jim Thompson Busted Hall, Room 155-N, Seattle, WA-95185-7705-		
UTM East	0				

Lot #	Species	Age/Length	# in Lot	Hatchery Lot # /Obtained as Eggs (E) or Fish (F)	Number of Samples							Remarks			
					OF	K/S	WV	WF	AGAR	BKD	MC		AT	Blood	
1	BK	2-4 yr brood	500	Cold Springs	80										Collected 11/3
2	BN	2-4 yr brood	500	Cold Springs	80										Collected 11/3
3	RT	2-4 yr brood	500	Cold Springs	80										Collected 11/3
4	BK	10 month 5 inch	10,000	Cold Springs	80										Collected 11/3
5	BN	10 month 4 inch	10,000	Cold Springs	80										Collected 11/2
6	RT	10 month 5 inch	25,000	Cold Springs	80										Collected 11/2
7	RTTP	4 month 3 inch	10,000	Spring lake and Trout Lodge	80										Collected 11/2
8	TG	10 month 5 inch	25,000	Cold Springs	80										Collected 11/2
9	WPSW	3 inch - 5 inch 6 inch - 17 ma 3,000	KEO 6" lot B 9		80										Collected 11/2
N/A	0														

OF = ovarian fluid; K/S = kidney/spleen; WV = whole viscera; WF = whole fish; BKD = kidney; MC = M. cerebralis; AT = Asian Tapeworm  
 1 Use standard abbreviations (see species codes worksheet)  
 2 For hatchery fish, give age in months and length in inches.

The biological samples above and/or on additional pages were collected from fish at the above named facility on the date and by the collector(s) listed, with my approval and knowledge. I concur that the samples be shipped to the named laboratory for the purpose of pathogen analysis.

Hatchery Owner or Agent

Type of Inspection:  
 Annual Health Inspection   
 Supplemental Inspection   
 Diagnostic Research

The biological samples listed above were collected under my supervision at the site specified for pathogen analysis at the laboratory(s) specified.

*Anna Marie Forest*  
 Fish Health Inspector In Charge

2015-14661

11/03/15

Ref Vet: Forest, Anna  
 Owner: Cold Springs Trout Farm  
 Breed: Fish sp.  
 Routing: a, ab, av

State of Utah Utah Department of Agriculture and Food  
FISH HEALTH SAMPLE COLLECTION FORM

UDAF Log Number: 15-337


Name of Fish Source: Cold Springs Trout Farm		Name of Owner or Manager: Neal Barker		Collection Date: 11/2-3/2015				
Address or Location: 2284 North Fruitland Drive North Ogden, UT 84114		Telephone Number: 801-710-4905		Collector(s): Anna Marie Forest Dr. Barry Pittman				
UTM North 0		Testing Laboratory: WADDL, Jim Thompson Bustad Hall, Room 155-N, Pullman, WA 99164						
UTM East 0								
<b>FISH EXAMINED</b>								
Lot #	Species	Age/Length	# in Lot	Hatchery Lot # /Obtained as Eggs (E) or Fish (F)	Number of Samples			Remarks
					Virology			
					OF	K/S	WV	
					Bacteriology			
					WF	AGAR	BKD	
					Parasites			
					MC	AT	Blood	
1	BK	brood (2-4 Y)	500	Cold Springs	60			Collected 11/3
2	BN	brood (2-4 Y)	500	Cold Springs	60			Collected 11/3
3	RT	brood (2-4 Y)	500	Cold Springs	60			Collected 11/3
4	BK	5 inch (10 m)	10,000	Cold Springs	60			Collected 11/3
5	BN	4 inch (10 m)	10,000	Cold Springs	60	60		Collected 11/2
6	RT	5 inch (10 m)	25,000	Cold Springs	60		60	Collected 11/2
7	RTTP	3 inch (4 m)	10,000	Spring lake and Trout Lodge	60			Collected 11/2
8	TG	5 inch (10 m)	25,000	Cold Springs	60			Collected 11/2
9	WPSW	5 - 17 m	3,000	KEO (3 inch - 5 m, 6 inch - 17m)	60			Collected 11/2 (30 from each age class)
N/A	0							

OF = ovarian fluid; K/S = kidney/spleen; WV = whole viscera; WF = whole fish; BKD = kidney; MC = M. cerebralis; AT = Asian Tapeworm  
 1 Use standard abbreviations (see species codes worksheet)  
 2 For hatchery fish, give age in months and length in inches.

The biological samples above and/or on additional pages were collected from fish at the above named facility on the date and by the collector(s) listed, with my approval and knowledge. I consent that the samples be shipped to the named laboratory for the purpose of pathogen analysis

Type of Inspection:  Annual Health Inspection  
 Supplemental Inspection  
 Diagnostic  
 Research

The biological samples listed above were collected under my supervision at the site specified for pathogen analysis at the laboratory(s) specified.

  
 Fish Health Inspector In Charge

**State of Utah, Department of Agriculture and Food**  
**FISH HEALTH INSPECTION REPORT**

UDAf Log Number: **15-337**  
 Fish Health Approval Number: **FHA153621115UT**

Name of Fish Source: <b>Cold Springs Trout Farm</b> Address or Location: <b>2284 North Fruitland Drive</b> <b>North Ogden, UT 84114</b> UTM North <b>0</b> UTM East <b>0</b>	Name of Owner or Manager: <b>Neal Barker</b> <b>801-710-4905</b>	Inspection Date(s): <b>11/2-3/2015</b> Results: <b>Negative</b>
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<b>FISH EXAMINED</b>					<b>PATHOGENS INSPECTED FOR AND RESULTS<sup>2</sup></b>												<b>Collector(s):</b>		
Lot Number	Species <sup>1</sup>	Age/Length <sup>2</sup>	# in Lot	Obtained as Eggs (E) or Fish (F) from:	I-HNV	IPNV	OMV	SVCV	VHSV	BF	BR	BKD	Mc	AT	Blood	Other	Anna Marie Forest Dr. Barry Pittman	Results:	
1	BK	brood	500	Cold Springs	-	-	-	-	-	-	-	-	-	-	-	-	-	Type of Fish Examined: Hatchery <input checked="" type="checkbox"/> Non-Salmonid <input type="checkbox"/> Salmonid <input checked="" type="checkbox"/>	Type of Water Supply: Well <input type="checkbox"/> Spring <input checked="" type="checkbox"/> Stream <input type="checkbox"/>
2	BN	brood	500	Cold Springs	-	-	-	-	-	-	-	-	-	-	-	-			
3	RT	brood	500	Cold Springs	-	-	-	-	-	-	-	-	-	-	-	-			
4	BK	5 inch	10000	Cold Springs	-	-	-	-	-	-	-	-	-	-	-	-			
5	BN	4 inch	10000	Cold Springs	-	-	-	-	-	-	-	-	-	-	-	-			
6	RT	5 inch	25000	Cold Springs	-	-	-	-	-	-	-	-	-	-	-	-			
7	RTTP	3 inch	10000	Spring lake and Trout Lodge	-	-	-	-	-	-	-	-	-	-	-	-			
8	TG	5 inch	25000	Cold Springs	-	-	-	-	-	-	-	-	-	-	-	-			
9	WPSW		3000	KEO	-	-	-	-	-	-	-	-	-	-	-	-			
N/A																			

**Remarks:**

Unless otherwise noted, this inspection represents entire source sampling

BF-2 cell line used in viral assay

CHSE-214 and EPC cell lines used in viral assay (Lot: )

FHM cell line used for viral assay

AFS Certified Fish Health Inspector and Address: Anna Marie Forest Utah Department of Agriculture and Food 350 N Redwood Road, Salt Lake City, UT 84114 Office (801) 538-7046, Cell (801) 870-9339, FAX (801) 538-7169	Certified Fish Health Inspector Signature 					
<table border="0" style="width:100%"> <tr> <td style="width:60%">                             Concurring Signature                              Utah State Veterinarian  </td> <td style="width:40%"> <table border="0" style="width:100%"> <tr> <td>1 Use standard abbreviations (see back of page)</td> </tr> <tr> <td>2 For hatchery fish, give age in months</td> </tr> <tr> <td>3 See list of pathogen abbreviations on back; finding reported as number examined/results, where (-) is negative and (+) is positive</td> </tr> </table> </td> </tr> </table>		Concurring Signature Utah State Veterinarian 	<table border="0" style="width:100%"> <tr> <td>1 Use standard abbreviations (see back of page)</td> </tr> <tr> <td>2 For hatchery fish, give age in months</td> </tr> <tr> <td>3 See list of pathogen abbreviations on back; finding reported as number examined/results, where (-) is negative and (+) is positive</td> </tr> </table>	1 Use standard abbreviations (see back of page)	2 For hatchery fish, give age in months	3 See list of pathogen abbreviations on back; finding reported as number examined/results, where (-) is negative and (+) is positive
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2 For hatchery fish, give age in months						
3 See list of pathogen abbreviations on back; finding reported as number examined/results, where (-) is negative and (+) is positive						

# Washington Animal Disease Diagnostic Lab

**P.O. Box 647034  
Pullman, WA 99164-7034  
Telephone : (509) 335-9696  
Fax : (509) 335-7424**

**Dr. Anna Forest  
Utah State Dept of Agri  
Box 146500  
350 N Redwood Rd. Fl 3  
Salt Lake City, UT 84116**

**Case#: 2015-14735  
Report Date: 12/03/15**

Submittal Date: 11/04/15  
Owner: Cold Springs Trout Farm

Species:  
Other: Fish

Age:  
Sex:

## Final Report:

**Aquaculture- Reported on 12/03/15** Authorized by Kevin Snekvik, Section Head

### Aquatic viral culture SOP: 905.2014.10.22

Animal	Specimen	Result	Isolate
1-Lot 1 BKT 5F Ovarian Fluids	Fluid-Ovary	Negative	
2	Fluid-Ovary	Negative	
3	Fluid-Ovary	Negative	
4	Fluid-Ovary	Negative	
5	Fluid-Ovary	Negative	
6	Fluid-Ovary	Negative	
7	Fluid-Ovary	Negative	
8	Fluid-Ovary	Negative	
9	Fluid-Ovary	Negative	
10	Fluid-Ovary	Negative	
11	Fluid-Ovary	Negative	
12	Fluid-Ovary	Negative	
13-Lot 2 BNT 5F Ovarian Fluids	Fluid-Ovary	Negative	
14	Fluid-Ovary	Negative	
15	Fluid-Ovary	Negative	
16	Fluid-Ovary	Negative	
17	Fluid-Ovary	Negative	
18	Fluid-Ovary	Negative	
19	Fluid-Ovary	Negative	
20	Fluid-Ovary	Negative	
21	Fluid-Ovary	Negative	
22	Fluid-Ovary	Negative	
23	Fluid-Ovary	Negative	
24	Fluid-Ovary	Negative	
25-Lot 3 RBT 5F Ovarian Fluids	Fluid-Ovary	Negative	
26	Fluid-Ovary	Negative	
27	Fluid-Ovary	Negative	
28	Fluid-Ovary	Negative	

# Washington Animal Disease Diagnostic Lab

## Aquatic viral culture SOP: 905.2014.10.22

Animal	Specimen	Result	Isolate
29	Fluid-Ovary	Negative	
30	Fluid-Ovary	Negative	
31	Fluid-Ovary	Negative	
32	Fluid-Ovary	Negative	
33	Fluid-Ovary	Negative	
34	Fluid-Ovary	Negative	
35	Fluid-Ovary	Negative	
36	Fluid-Ovary	Negative	
37-Lot 4 BKT 5F k/s	Tissue Pool	Negative	
38	Tissue Pool	Negative	
39	Tissue Pool	Negative	
40	Tissue Pool	Negative	
41	Tissue Pool	Negative	
42	Tissue Pool	Negative	
43	Tissue Pool	Negative	
44	Tissue Pool	Negative	
45	Tissue Pool	Negative	
46	Tissue Pool	Negative	
47	Tissue Pool	Negative	
48	Tissue Pool	Negative	

**Aquatic viral culture test comment:** All samples submitted on this case were negative for Oncorhynchus Masou Virus, Infectious Pancreatic Necrosis Virus, Infectious Hematopoietic Necrosis Virus, Viral Hemorrhagic Septicemia Virus, Epizootic Hematopoietic Necrosis Virus, and Spring Viremia of Carp on CHSE-214 & EPC cell lines.

## Previously reported results:

**Aquaculture- Last reported on 11/30/15** Authorized by Kevin Snekvik, Section Head

## BKD FA SOP: 919.2015.06.17

Animal	Specimen	Result
1-Lot 4 BKT Individual Kidney	Kidney	Negative
2	Kidney	Negative
3	Kidney	Negative
4	Kidney	Negative
5	Kidney	Negative
6	Kidney	Negative
7	Kidney	Negative
8	Kidney	Negative
9	Kidney	Negative
10	Kidney	Negative
11	Kidney	Negative
12	Kidney	Negative
13	Kidney	Negative
14	Kidney	Negative
15	Kidney	Negative
16	Kidney	Negative



# Washington Animal Disease Diagnostic Lab

**BKD FA SOP: 919.2015.06.17**

Animal	Specimen	Result
17	Kidney	Negative
18	Kidney	Negative
19	Kidney	Negative
20	Kidney	Negative
21	Kidney	Negative
22	Kidney	Negative
23	Kidney	Negative
24	Kidney	Negative
25	Kidney	Negative
26	Kidney	Negative
27	Kidney	Negative
28	Kidney	Negative
29	Kidney	Negative
30	Kidney	Negative
31	Kidney	Negative
32	Kidney	Negative
33	Kidney	Negative
34	Kidney	Negative
35	Kidney	Negative
36	Kidney	Negative
37	Kidney	Negative
38	Kidney	Negative
39	Kidney	Negative
40	Kidney	Negative
41	Kidney	Negative
42	Kidney	Negative
43	Kidney	Negative
44	Kidney	Negative
45	Kidney	Negative
46	Kidney	Negative
47	Kidney	Negative
48	Kidney	Negative
49	Kidney	Negative
50	Kidney	Negative
51	Kidney	Negative
52	Kidney	Negative
53	Kidney	Negative
54	Kidney	Negative
55	Kidney	Negative
56	Kidney	Negative
57	Kidney	Negative
58	Kidney	Negative
59	Kidney	Negative
60	Kidney	Negative

# Washington Animal Disease Diagnostic Lab

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**Dr. Anna Forest  
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Box 146500  
350 N Redwood Rd. Fl 3  
Salt Lake City, UT 84116**

**Case#: 2015-14661  
Report Date: 12/02/15**

Submittal Date: 11/03/15  
Owner: Cold Springs Trout Farm

Species: Fish sp.

Age:  
Sex:

## Final Report:

**Aquaculture- Reported on 12/02/15** Authorized by Kevin Snekvik, Section Head

### Aquatic viral culture SOP: 905.2014.10.22

Animal	Specimen	Result	Isolate
1-Lot 5 BNT 5F k/s	Tissue Pool	Negative	
2	Tissue Pool	Negative	
3	Tissue Pool	Negative	
4	Tissue Pool	Negative	
5	Tissue Pool	Negative	
6	Tissue Pool	Negative	
7	Tissue Pool	Negative	
8	Tissue Pool	Negative	
9	Tissue Pool	Negative	
10	Tissue Pool	Negative	
11	Tissue Pool	Negative	
12	Tissue Pool	Negative	
13-Lot 6 RBT 5F k/s	Tissue Pool	Negative	
14	Tissue Pool	Negative	
15	Tissue Pool	Negative	
16	Tissue Pool	Negative	
17	Tissue Pool	Negative	
18	Tissue Pool	Negative	
19	Tissue Pool	Negative	
20	Tissue Pool	Negative	
21	Tissue Pool	Negative	
22	Tissue Pool	Negative	
23	Tissue Pool	Negative	
24	Tissue Pool	Negative	
25-Lot 7 RBT 5F k/s	Tissue Pool	Negative	
26	Tissue Pool	Negative	
27	Tissue Pool	Negative	
28	Tissue Pool	Negative	

# Washington Animal Disease Diagnostic Lab

## Aquatic viral culture SOP: 905.2014.10.22

Animal	Specimen	Result	Isolate
29	Tissue Pool	Negative	
30	Tissue Pool	Negative	
31	Tissue Pool	Negative	
32	Tissue Pool	Negative	
33	Tissue Pool	Negative	
34	Tissue Pool	Negative	
35	Tissue Pool	Negative	
36	Tissue Pool	Negative	
37-Lot 8 Tiger Trout 5F k/s	Tissue Pool	Negative	
38	Tissue Pool	Negative	
39	Tissue Pool	Negative	
40	Tissue Pool	Negative	
41	Tissue Pool	Negative	
42	Tissue Pool	Negative	
43	Tissue Pool	Negative	
44	Tissue Pool	Negative	
45	Tissue Pool	Negative	
46	Tissue Pool	Negative	
47	Tissue Pool	Negative	
48	Tissue Pool	Negative	
49-Lot 9 Wipers 5F k/s	Tissue Pool	Negative	
50	Tissue Pool	Negative	
51	Tissue Pool	Negative	
52	Tissue Pool	Negative	
53	Tissue Pool	Negative	
54	Tissue Pool	Negative	
55	Tissue Pool	Negative	
56	Tissue Pool	Negative	
57	Tissue Pool	Negative	
58	Tissue Pool	Negative	
59	Tissue Pool	Negative	
60	Tissue Pool	Negative	

**Aquatic viral culture test comment:** All samples submitted on this case were negative for Oncorhynchus Masou Virus, Infectious Pancreatic Necrosis Virus, Infectious Hematopoietic Necrosis Virus, Viral Hemorrhagic Septicemia Virus, Epizootic Hematopoietic Necrosis Virus, and Spring Viremia of Carp on CHSE-214 & EPC cell lines. All samples from Lot 9 Wipers were also negative for Largemouth Bass Virus on FHM cells.

## Previously reported results:

**Aquaculture- Last reported on 11/30/15** Authorized by Kevin Snekvik, Section Head

## Aquatic bacterial screen SOP: 936.2015.08.05

Animal	Specimen	Result	Isolate
Lot 6 RBT	Culture Medium	See comment.	