



16 December 2019

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

Subject: Cold Springs Trout Farm Health Approval

Dear Neal,

You requested the Utah Department of Agriculture and Food (UDAF) collect tissue samples from Cold Springs Trout Farm on 12-13 November 2019 and ship them to Washington Animal Disease Diagnostic Lab (WADDL) for health certification. I received fish health inspection report from WADDL and have assigned fish health approval number FHA193931118UT to Cold Springs Trout Farm. This number is valid for the sale of rainbow trout, brown trout, brook trout, tiger trout, and hybrid striped bass through 13 January 2021. Laboratory test results are attached.

An aquatic invasive species (AIS) inspection was conducted at Cold Spring Trout Farm on November 13, 2019. No New Zealand Mudsnaills, Quagga Mussels or Zebra Mussels were found on the premises.

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 red ink that reads "Anna Marie Forest". The signature is written in a cursive style.

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

**Utah Department of
Agriculture & Food**

350 N Redwood Rd
Salt Lake City, UT 84116

801-538-7046
annaforest@utah.gov
ag.utah.gov

Laboratory Results Report

WADDL Number 2019-16084

Fish source Anna Forest Utah Department of Agriculture & Food			Address or location of fish source Cold Springs Trout Farm 2284 North Fruitland Drive North Ogden, UT 84414												
Fish sampled		Sample Date 13 Nov 2019	Pathogens detected properties consistent with ¹												
Species	Age	Sample size ^{2,3,4,5,6}	E H N	I H N	I P N	O M V	S V C	V H S	I S A	A S L	Y E R	R E N	C M S	M Y X	L M B V
<i>Salvelinus fontinalis</i> Lot 1	2-3 yrs.	60 ov	-	-	-	-	-	-							
<i>Salmo trutta</i> Lot 2	2-4 yrs.	60 ov	-	-	-	-	-	-							
<i>Oncorhynchus mykiss</i> Lot 3	2-5 yrs.	60 ov	-	-	-	-	-	-							
<i>Oncorhynchus mykiss</i> Lot 8	0-3 mos.	60 ms	-	-	-	-	-	-							
<i>M. saxatilis X M. chrysops</i> Lot 9	18 mos.	60 k/s	-	-	-	-	-	-							

¹EHN - Epizootic Hematopoietic Necrosis Virus
IHN - Infectious Hematopoietic Necrosis Virus
IPN - Infectious Pancreatic Necrosis Virus
OMV - *Oncorhynchus masou* virus
SVC - Spring Viremia of Carp
VHS - Viral Hemorrhagic Septicemia Virus
ISA - Infectious Salmon Anemia Virus

ASL - *Aeromonas salmonicida*
YER - *Yersinia ruckeri*
REN - *Renibacterium salmoninarum*
CMS - *Ceratomyxa shasta*
MYX - *Myxobolus cerebralis*
PRS - *Piscirickettsia salmonis*
LMBV - Largemouth Bass Virus

²c = culture media
³k/s = kidney/spleen
⁴h = heads
⁵ms = mid-sections
⁶ov = ovarian fluid

* See summary
+ Agent detected, properties consistent with
- Agent not detected
O No test performed

Laboratory findings summary:

Utah Dept. of Ag. Log No. 19-377

No significant pathogens were detected.

Fish at the above facility were inspected in accordance with procedures outlined in the USFWS and AFS-FHS, Standard Procedures for Aquatic Animal Health Inspections. In: Suggested Procedures for the Detection and Identification of Certain Finfish and Shellfish Pathogens. Blue Book 2016 Edition, Fish Health Section, AFS.

Laboratory official's signature Jim B. Thompson
Jim B. Thompson, AFS Fish Health Inspector #106

Date 13 December 2019

Laboratory Results Report

WADDL Number 2019-16002

Fish source Anna Forest Utah Department of Agriculture & Food			Address or location of fish source Cold Springs Trout Farm 2284 North Fruitland Drive North Ogden, UT 84414													
Fish sampled	Sample Date 12 Nov 2019		Pathogens detected properties consistent with ¹													
Species	Age	Sample size ^{2,3,4,5,6}	E H N	I H N	I P N	O M V	S V C	V H S	I S A	A S L	Y E R	R E N	C M S	M Y X	L M B V	
<i>Salvelinus fontinalis</i>	Lot 4	10-11 mos.	60 k/s	-	-	-	-	-	-	-	-	-	-	-	-	-
			15 c	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Salmo trutta</i>	Lot 5	10-11 mos.	60 k	-	-	-	-	-	-	-	-	-	-	-	-	-
			60 k/s	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Oncorhynchus mykiss</i>	Lot 6	4-12 mos.	15 c	-	-	-	-	-	-	-	-	-	-	-	-	-
			60 k/s	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>S. trutta</i> X <i>S. fontinalis</i>	Lot 7	10 mos.	60 h	-	-	-	-	-	-	-	-	-	-	-	-	-
			60 k/s	-	-	-	-	-	-	-	-	-	-	-	-	-
			15 c	-	-	-	-	-	-	-	-	-	-	-	-	-

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LMBV - Largemouth Bass Virus

²c = culture media
³k/s = kidney/spleen
⁴h = heads
⁵wf = whole fish
⁶ov = ovarian fluid

* See summary
+ Agent detected, properties consistent with
- Agent not detected
O No test performed

Laboratory findings summary:

Utah Dept. of Ag. Log No. 19-377

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Laboratory official's signature 
Jim B. Thompson, AFS Fish Health Inspector #106

Date 12 December 2019

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#: 2019-16084
Report Date: 12/13/19
Reference: 19-377**

Submittal Date: 11/14/19
Owner: Cold Springs Trout Farm

Species:
Other: Fish

Age:
Sex:

Final Report:

Aquaculture- Reported on 12/13/19 Authorized by Kevin Snekvik, Section Head

Aquatic viral culture : SOP-AQUA-24

Animal	Specimen	Result	Isolate
1-Lot 1 BKT 5F Ovarians	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 2 BNT 5F Ovarians	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 3 RBT 5F Ovarians	Fluid-Ovary	Negative	
26	Fluid-Ovary	Negative	
27	Fluid-Ovary	Negative	
28	Fluid-Ovary	Negative	

Washington Animal Disease Diagnostic Lab

Aquatic viral culture : SOP-AQUA-24

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 8 RBT 5F mid-sections	Fluid-Ovary	Negative	
38	Fluid-Ovary	Negative	
39	Fluid-Ovary	Negative	
40	Fluid-Ovary	Negative	
41	Fluid-Ovary	Negative	
42	Fluid-Ovary	Negative	
43	Fluid-Ovary	Negative	
44	Fluid-Ovary	Negative	
45	Fluid-Ovary	Negative	
46	Fluid-Ovary	Negative	
47	Fluid-Ovary	Negative	
48	Fluid-Ovary	Negative	
49-Lot 9 Wiper 5F k/s	Fluid-Ovary	Negative	
50	Fluid-Ovary	Negative	
51	Fluid-Ovary	Negative	
52	Fluid-Ovary	Negative	
53	Fluid-Ovary	Negative	
54	Fluid-Ovary	Negative	
55	Fluid-Ovary	Negative	
56	Fluid-Ovary	Negative	
57	Fluid-Ovary	Negative	
58	Fluid-Ovary	Negative	
59	Fluid-Ovary	Negative	
60	Fluid-Ovary	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.

Washington Animal Disease Diagnostic Lab

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Box 146500
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**Case#: 2019-16002
Report Date: 12/12/19**

Submittal Date: 11/13/19
Owner: Cold Springs Trout Farm

Species:
Other: Fish

Age:
Sex:

Final Report:

Aquaculture- Reported on 12/12/19 Authorized by Kevin Snekvik, Section Head

Aquatic viral culture : SOP-AQUA-24

Animal	Specimen	Result	Isolate
1-Lot 4 BKT 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 5 BNT 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 6 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-AQUA-24

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 7 TT 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 12/10/19 Authorized by Kevin Snekvik, Section Head

Aquatic bacterial screen : SOP-AQUA-31

Animal	Specimen	Result	Isolate
Lots 4-7 BKT, BNT, RBT & TT	Culture Medium	See comment.	

Result Comment: All samples submitted on this case were negative for *Aeromonas salmonicida* and *Yersinia ruckeri*. Comment:
Bacterial contaminants are present in less than 20% of the 60 samples submitted. This low degree of contamination results in rapid, reliable laboratory screening for bacterial pathogens.

BKD FA : SOP-AQUA-40

Animal	Specimen	Result
1-Lot 4 BKT Individual Kidney	Kidney	Negative
2	Kidney	Negative
3	Kidney	Negative
4	Kidney	Negative

Washington Animal Disease Diagnostic Lab

BKD FA : SOP-AQUA-40

Animal	Specimen	Result
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
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

Washington Animal Disease Diagnostic Lab

BKD FA : SOP-AQUA-40

Animal	Specimen	Result
57	Kidney	Negative
58	Kidney	Negative
59	Kidney	Negative
60	Kidney	Negative

M. cerebralis digest : SOP-AQUA-29

Animal	Specimen	Result
1-Lot 6 RBT 5F Heads	Head pool	Negative by digest.
2	Head pool	Negative by digest.
3	Head pool	Negative by digest.
4	Head pool	Negative by digest.
5	Head pool	Negative by digest.
6	Head pool	Negative by digest.
7	Head pool	Negative by digest.
8	Head pool	Negative by digest.
9	Head pool	Negative by digest.
10	Head pool	Negative by digest.
11	Head pool	Negative by digest.
12	Head pool	Negative by digest.