



State of Utah

GARY R. HERBERT
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Department of Agriculture and Food

LUANN ADAMS
Commissioner

SCOTT ERICKSEN
Deputy Commissioner

CODY JAMES
Director of Animal Industry Division

BARRY PITTMAN, DVM
State Veterinarian

19 December 2016

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

Subject: Cold Springs Trout Farm fish health approval (Log No. 16-479)

Dear Neal,

I received your 2016 fish health inspection report from the Washington Animal Disease Diagnostic Lab (WADDL) and have assigned fish health approval number FHA164791115UT to Cold Springs Trout Farm. This number is valid for the sale of diploid and sterile rainbow, brown and brook trout, and tiger trout through 14 January 2018. Laboratory test results are attached.

Blood samples were also collected from rainbow trout, brook trout and brown on 12 September 2016 and sent to the University of Washington Pathology Lab to verify triploidy. Cold Spring Trout Farm achieved 100% sterility for brown trout, and 98% for brook trout and rainbow trout. Laboratory results are attached.

An aquatic invasive species (AIS) inspection was conducted at Cold Spring Trout Farm on November 15, 2016. No New Zealand Mudsnailes, 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,

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

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

UDAF Log Number: **16-446**
 Fish Health Approval Number: **FHA15362115UT**

Name of Fish Source: Cold Springs Trout Farm Address or Location: 2284 North Fruitland Drive North Ogden, UT 84114 UTM North 0 UTM East 0	Name of Owner or Manager: Neal Barker 801-710-4905	Inspection Date(s): 11/14-15/2016 Results: Negative	Collector(s): Anna Marie Forest														
FISH EXAMINED		PATHOGENS INSPECTED FOR AND RESULTS ¹															
Lot Number	Species	Age/Length ²	# in Lot	Obtained as Eggs (E) or Fish (F) from:	HNW	IPNV	OMV	SVCV	VHSV	BF	BR	BKD	Mc	Balmonicol	Blood	Other	
1	BK	brood (2-4 Y)	500	Cold Springs	-	-	-	-	-	-	-	-	-	-	-	-	
2	BN	brood (2-4 Y)	500	Cold Springs	60	60	60	60	60	-	-	-	-	-	-	-	
3	RT	brood (2-4 Y)	500	Cold Springs	60	60	60	60	60	-	-	-	-	-	-	-	
4	BK	10 mo	5000	Cold Springs	60	60	60	60	60	60	60	60	60	15	-	-	
5	BN	10 mo	3000	Cold Springs	60	60	60	60	60	60	60	60	60	15	-	-	
6	RT	10 mo	25000	Cold Springs	60	60	60	60	60	60	60	60	60	15	-	-	
7	TG	10 mo	5000	Cold Springs	60	60	60	60	60	60	60	60	60	15	-	-	
8	RT	4-7 mo	40000	Cold Springs	60	60	60	60	60	60	60	60	60	-	-	-	
9	RT	1 mo	>1000	Cold Springs	60	60	60	60	60	60	60	60	60	-	-	-	
Remarks: <input checked="" type="checkbox"/> Unless otherwise noted, this inspection represents entire source sampling <input type="checkbox"/> BF-2 cell line used in viral assay <input checked="" type="checkbox"/> CHSE-214 and EPC cell lines used in viral assay (Lot: 1 - 9) <input type="checkbox"/> FHM cell line used for viral assay					Certified Fish Health Inspector Signature: <i>Anna Marie Forest</i> Concurring Signature: Utah State Veterinarian												
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					<ol style="list-style-type: none"> 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 												

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#: 2016-14893
Report Date: 12/14/16**

Submittal Date: 11/15/16
Owner: Cold Springs Trout Farm

Species:
Other: Fish

Age:
Sex:

Final Report:

Aquaculture- Reported on 12/14/16 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.	

Result Comment: All samples submitted on this case were negative for *Aeromonas salmonicida* and *Yersinia ruckeri*. Comment:

Bacterial contaminants are present in 20 to 40% of the 60 samples submitted. This contamination level is acceptable for inspection purposes, but reducing contaminant levels would allow for simpler, faster laboratory screening.

Aquatic viral culture SOP: 905.2016.11.09

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	

Washington Animal Disease Diagnostic Lab

Aquatic viral culture SOP: 905.2016.11.09

Animal	Specimen	Result	Isolate
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	
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	
49-Lot 8 RBT 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.

Washington Animal Disease Diagnostic Lab

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
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

Washington Animal Disease Diagnostic Lab

BKD FA SOP: 919.2015.06.17

Animal	Specimen	Result
53	Kidney	Negative
54	Kidney	Negative
55	Kidney	Negative
56	Kidney	Negative
57	Kidney	Negative
58	Kidney	Negative
59	Kidney	Negative
60	Kidney	Negative

M. cerebralis digest SOP: 922.2015.06.08

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.

Washington Animal Disease Diagnostic Lab

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

**Case#: 2016-15009
Report Date: 12/15/16**

Submittal Date: 11/16/16
Owner: Cold Springs Trout Farm

Species: Age:
Other: Fish Sex:

Final Report:

Aquaculture- Reported on 12/15/16 Authorized by Kevin Snekvik, Section Head

Aquatic viral culture SOP: 905.2016.11.09

Animal	Specimen	Result	Isolate
1-Lot 9 RBT 5F mid-sections	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 1 BKT 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 2 BNT 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: 905.2016.11.09

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 3 RBT 5F Ovarian Fluids	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	

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.

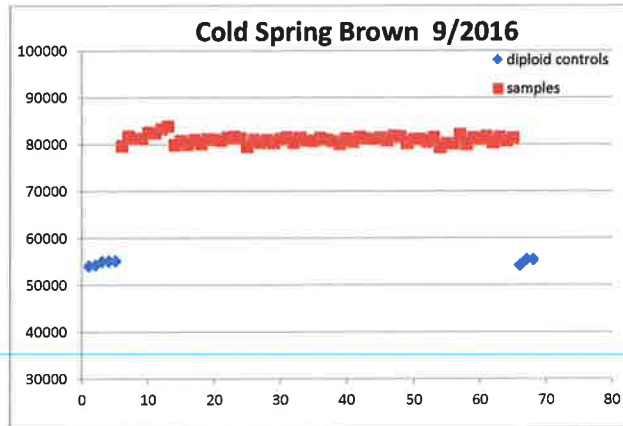
15 September 2016
 Cold Spring Farm Brown Trout, sampled on 9/12/2016
 Blood samples analysed at Department of Pathology Flow Cytometry Center
 University of Washington, Seattle WA

controls in peach

	species	sample name	G1 MEAN
1	brown	diploid-1	54092
2	brown	diploid-2	54265
3	brown	diploid-3	54975
4	brown	diploid-4	55054
5	brown	diploid-5	55162
6	brown	1	79703
7	brown	2	81738
8	brown	3	81232
9	brown	4	81240
10	brown	5	82554
11	brown	6	82421
12	brown	7	83329
13	brown	8	83863
14	brown	9	79902
15	brown	10	80810
16	brown	11	79992
17	brown	12	80984
18	brown	13	80114
19	brown	14	81135
20	brown	15	81083
21	brown	16	80889
22	brown	17	81446
23	brown	18	81660
24	brown	19	81312
25	brown	20	79508
26	brown	21	81039
27	brown	22	80353
28	brown	23	80925
29	brown	24	80278
30	brown	25	81150
31	brown	26	81525
32	brown	27	80389
33	brown	28	81484
34	brown	29	80854
35	brown	30	80799
36	brown	31	81406
37	brown	32	81089
38	brown	33	80686
39	brown	34	80132
40	brown	35	81233
41	brown	36	80631
42	brown	37	81611
43	brown	38	81239
44	brown	39	81198
45	brown	40	81484
46	brown	41	80875
47	brown	42	81856
48	brown	43	81662
49	brown	44	80329
50	brown	45	81111
51	brown	46	81162
52	brown	47	80620
53	brown	48	81562
54	brown	49	79363
55	brown	50	80215
56	brown	51	80156
57	brown	52	82144
58	brown	53	80091
59	brown	54	81458
60	brown	55	81160
61	brown	56	81745
62	brown	57	80353
63	brown	58	81632
64	brown	59	80784
65	brown	60	81382
66	brown	diploid-1b	54355
67	brown	diploid-2b	55577
68	brown	diploid-3b	55538

Summary:

60 test samples are triploid
 No test samples are diploid



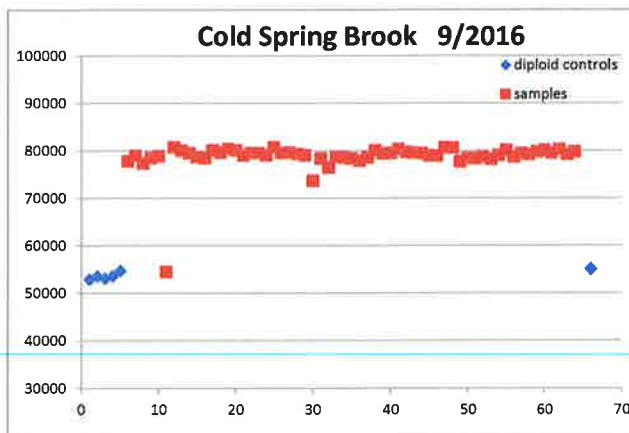
15 September 2016
 Cold Spring Farm Brook Trout, sampled on 9/12/2016
 Blood samples analysed at Department of Pathology Flow Cytometry Center
 University of Washington, Seattle WA

controls in peach

	species	sample name	G1 MEAN
1	brook	diploid-1	52909
2	brook	diploid-2	53525
3	brook	diploid-3	53058
4	brook	diploid-4	53596
5	brook	diploid-5	54692
6	brook	1	77813
7	brook	2	78935
8	brook	3	77299
9	brook	4	78502
10	brook	5	78907
11	brook	6	54502 diploid
12	brook	7	80732
13	brook	8	80030
14	brook	9	79490
15	brook	10	78664
16	brook	11	78475
17	brook	12	80106
18	brook	13	79610
19	brook	14	80404
20	brook	15	80112
21	brook	16	79049
22	brook	17	79528
23	brook	18	79551
24	brook	19	79016
25	brook	20	80706
26	brook	21	79570
27	brook	22	79645
28	brook	23	79311
29	brook	24	79031
30	brook	25	73664
31	brook	26	78368
32	brook	27	76455
33	brook	28	78659
34	brook	29	78530
35	brook	30	78361
36	brook	31	77852
37	brook	32	78517
38	brook	33	80038
39	brook	34	79396
40	brook	35	79505
41	brook	36	80272
42	brook	37	79688
43	brook	38	79579
44	brook	39	79446
45	brook	40	78954
46	brook	41	78851
47	brook	42	80633
48	brook	43	80570
49	brook	44	77661
50	brook	45	78406
51	brook	46	78315
52	brook	47	78788
53	brook	48	78200
54	brook	49	79028
55	brook	50	80100
56	brook	51	78684
57	brook	52	79392
58	brook	53	79218
59	brook	54	79743
60	brook	55	80086
61	brook	56	79510
62	brook	57	80275
63	brook	58	79228
64	brook	59	79796
65	brook	diploid-1b	54353
66	brook	diploid-2b	55150
67	brook	diploid-3b	54117

Summary:

58 test samples are triploid
 One test sample is diploid
 One test sample lost in transit, cap off, blood spilled



15 September 2016
 Cold Spring Farm Rainbow Trout, sampled on 9/12/2016
 Blood samples analysed at Department of Pathology Flow Cytometry Center
 University of Washington, Seattle WA

controls in peach

	species	sample name	G1 MEAN
1	rainbow	diploid-1	54301
2	rainbow	diploid-2	53555
3	rainbow	diploid-3	53817
4	rainbow	diploid-4	54282
5	rainbow	diploid-5	53804
6	rainbow	1	78839
7	rainbow	2	81019
8	rainbow	3	81309
9	rainbow	4	78837
10	rainbow	5	75618
11	rainbow	6	81461
12	rainbow	7	78891
13	rainbow	8	80405
14	rainbow	9	79282
15	rainbow	10	78172
16	rainbow	11	78732
17	rainbow	12	80668
18	rainbow	13	79309
19	rainbow	14	80251
20	rainbow	15	78495
21	rainbow	16	79878
22	rainbow	17	81349
23	rainbow	18	79576
24	rainbow	19	80141
25	rainbow	20	80117
26	rainbow	21	79492
27	rainbow	22	79137
28	rainbow	23	81286
29	rainbow	24	80706
30	rainbow	25	80716
31	rainbow	26	78793
32	rainbow	27	77526
33	rainbow	28	79372
34	rainbow	29	79135
35	rainbow	30	78978
36	rainbow	31	80229
37	rainbow	32	80721
38	rainbow	33	80310
39	rainbow	34	79684
40	rainbow	35	78369
41	rainbow	36	77662
42	rainbow	37	55602 diploid
43	rainbow	38	84241
44	rainbow	39	80988
45	rainbow	40	79962
46	rainbow	41	81436
47	rainbow	42	80364
48	rainbow	43	81421
49	rainbow	44	81253
50	rainbow	45	79973
51	rainbow	46	80186
52	rainbow	47	82743
53	rainbow	48	80780
54	rainbow	49	80875
55	rainbow	50	80545
56	rainbow	51	79280
57	rainbow	52	79969
58	rainbow	53	79313
59	rainbow	54	79911
60	rainbow	55	80223
61	rainbow	56	80796
62	rainbow	57	80578
63	rainbow	58	81251
64	rainbow	59	80690
65	rainbow	60	81376
66	rainbow	diploid-1b	55523
67	rainbow	diploid-2b	55037
68	rainbow	diploid-3b	53844

Summary:

59 test samples are triploid
 One test sample is diploid

