

FISH PATHOLOGIST REPORT

Location

Nimbus Hatchery

Date

June 3, 2005

Species

Chinook salmon smolts

Holding Area

Series B

Health Assessment

A fish health assessment was performed on 20 chinook salmon smolts from series B at Nimbus hatchery. Weight, length and blood parameters were all within normal ranges. The fish had partial silvering with parr marks still visible on all fish inspected. All fish had adequate levels of mesentery fat. Internal signs were all normal and external signs revealed these fish to be in excellent condition.

Spread sheet of individual scores and means attached.

Comments

Water temp. 54.5°F

Submitted By

Mark Adkison, Ph.D., Associate Fish Pathologist, CDFG

Date June 3, 2005

Location Nimbus Hatchery - raceway B

Species Chinook salmon

Score

Water Temp 54.5F

Investigator Mark Adkison Ph.D.

Pond B

	EXTERNAL										INTERNAL					BLOOD				
	Length (mm)	Weight Grams	KIL	Fin	Skin	Eye	Gill	Psbr	Thym	Liver	Spleen	Kidney	Gut	Hem	Leuc	P/Pro	Fat	Smolt	Cumul Score	
1	93	7.1	0.88											56		5.6	1	1	0	
2	99	7.9	0.81											51.5		4.6	1	1	0	
3	98	8.7	0.92											53		4.8	1	1	0	
4	95	8.1	0.94											59		4.9	1	1	0	
5	96	8	0.90											57		5.1	1	1	0	
6	99	9.5	0.98											54		5	2	1	0	
7	99	8.5	0.88											56		4.7	1	1	0	
8	105	10.6	0.92		1									50		4.6	1	1	1	
9	95	7.6	0.89	2										49		4.3	1	1	2	
10	94	7.2	0.87											59		4.9	1	1	0	
11	93	7.3	0.91											45		3.7	1	1	0	
12	87	5.9	0.90											51		4	1	1	0	
13	97	8.3	0.91											54		5	1	1	0	
14	102	9.6	0.90											59		5.4	1	1	0	
15	79	4.5	0.91					1						48		3.6	1	1	1	
16	101	9.2	0.89											53		4.3	2	1	0	
17	101	9.4	0.91			1								51		3.9	1	1	1	
18	97	8.1	0.89											56		4.3	1	1	0	
19	95	7.4	0.86											51		4.5	1	1	0	
20	96	7.3	0.83											47		3.8	1	1	0	
X	96.05	8.01	0.895											52.98		4.55	1.1	1	0.25	
SD	5.60	1.37	0.037											4.09		0.56	0.31	0.00	0.55	
CV	5.83	17.05	4.12											7.71		12.32	27.98	0.00	220.05	
%N				95	90	100	100	95	100	100	100	100	100							

Remarks: