

FISH PATHOLOGIST REPORT

Location

Nimbus Hatchery

Date

June 22, 2005

Species

Chinook salmon smolts

Holding Area

Series F, pond 4

Health Assessment

A fish health assessment was performed on 20 chinook salmon smolts from series F 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. 56°F

Submitted By

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

Date June 22, 2005

Location Nimbus Fish Hatchery

Species Chinook

Score _____

Water Temp 56oF

Investigator Mark Adkison Ph.D.

Pond Raceway F. Pond 4

	EXTERNAL										INTERNAL					BLOOD				
	Length (mm)	Weight Grams	K/L	Fin	Skin	Eye	Gill	Psbr	Thym	Liver	Spleen	Kidney	Gut	Hem	Leuc	P/Pro	Fat	Smolt	Cumul Score	
1	89	7.6	1.08											56		6.4	1	1	0	
2	84	6.1	1.03											53		5.6	1	1	0	
3	86	6.4	1.01	1										49		4.8	1	1	1	
4	84	5.8	0.98				1							51		5.4	1	1	1	
5	89	7.2	1.02											46		4.6	1	1	0	
6	96	8.9	1.01	1										49		5.2	1	1	1	
7	81	5.8	1.09											47		4.2	1	1	0	
8	89	7.1	1.01											47		5	1	1	0	
9	86	6.2	0.97											48		6	1	1	0	
10	91	7.5	1.00											49		5.2	1	1	0	
11	83	6.1	1.07						1					48		4.6	1	1	1	
12	95	9.1	1.06											46		4.6	1	1	0	
13	84	5.8	0.98											47		5	1	1	0	
14	80	4.7	0.92											46		4	1	1	0	
15	90	7	0.96											42		4.6	1	1	0	
16	90	7.5	1.03											48		5	1	1	0	
17	81	5.5	1.03											43		4.4	1	1	0	
18	91	7.1	0.94											46	1	4.3	1	1	0	
19	78	4.6	0.97											51		4.2	1	1	0	
20	81	5.7	1.07											49		4.4	1	1	0	
X	86.4	6.585	1.011											48.05		4.875	1	1	0.2	
SD	5.04	1.20	0.048											3.17		0.62	0.00	0.00	0.41	
CV	5.83	18.25	4.71											6.60		12.82	0.00	0.00	205.20	
%N																				

Remarks: