

**Smolt Data at Bonneville Dam Power House 2 for species: Combined Chinook Subyearling  
During the passage of fish released from Spring Creek NFH**

**March 2007 Release**

SampleDate	Riverflow	PassIndex	Collcount	Sampcount	NumExamDe	NumDesc	SampMorts	FacMorts	% Mortality
03-Mar-07	174.9	9	5	1	1	0	0	0	0.0%
04-Mar-07	156.5	26	15	3	3	0	0	0	0.0%
05-Mar-07	144.0	8	5	1	1	0	0	0	0.0%
06-Mar-07	138.6	0	0	0	0	0	0	0	0.0%
07-Mar-07	143.5	106,076	63,400	318	313	0	0	5	1.6%
08-Mar-07	146.5	429,248	258,400	1,292	1,236	0	1	55	4.3%
09-Mar-07	172.3	298,932	175,600	878	804	0	2	72	8.2%
10-Mar-07	189.2	37,238	20,600	103	91	0	0	12	11.7%
11-Mar-07	138.9	80,973	50,333	755	738	0	0	17	2.3%
12-Mar-07	142.1	71,001	42,067	373	362	0	0	11	2.9%
13-Mar-07	176.4	32,204	17,733	246	235	0	0	11	4.5%
14-Mar-07	204.4	7,633	4,200	63	61	0	0	2	3.2%
15-Mar-07	221.4	1,855	1,000	179	176	0	0	3	1.7%
16-Mar-07	232.3	2,041	1,073	258	255	0	0	3	1.2%
17-Mar-07	216.1	815	440	110	109	0	0	1	0.9%
18-Mar-07	220.9	1,002	536	134	134	0	0	0	0.0%
19-Mar-07	208.8	629	312	78	77	0	0	1	1.3%

**Notes:**

- 07-Mar-07 The first of the Spring Creek NFH subyearling chinook tules arrived at the facility at 1315 on 6 March
- 08-Mar-07 Facility Morts Dead on Arrival
- 09-Mar-07 Facility Morts Dead on Arrival
- 10-Mar-07 Facility Morts Dead on Arrival
- 11-Mar-07 Facility Morts Dead on Arrival
- 12-Mar-07 Facility Morts dead on arrival.
- 13-Mar-07 Facility morts dead on arrival. Most morts appeared to have been dead several days.

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<b>April 2007 Release</b>										
SampleDate	Riverflow	PassIndex	Collcount	Sampcount	NumExamDe	NumDesc	SampMorts	FacMorts	% Mortality	
09-Apr-07	207.9	68	40	10	10	0	0	0	0.0%	
10-Apr-07	211.7	65	36	9	8	0	0	1	11.1%	
11-Apr-07	249.2	260	92	23	23	0	0	0	0.0%	
12-Apr-07	239.7	187	64	16	16	0	0	0	0.0%	
13-Apr-07	222.6	9708	3716	929	914	0	0	15	1.6%	
14-Apr-07	248.5	262393	90252	1805	1664	26	0	141	7.8%	
15-Apr-07	236.6	47845	17092	114	110	0	1	3	2.6%	
16-Apr-07	245.8	12803	3950	79	79	0	0	0	0.0%	
17-Apr-07	219.8	5479	1400	28	28	0	0	0	0.0%	
18-Apr-07	248.5	2560	1004	60	60	0	0	0	0.0%	
19-Apr-07	215.4	868	380	19	19	0	0	0	0.0%	
20-Apr-07	230.8	1817	760	38	38	0	0	0	0.0%	
21-Apr-07	226.8	653	280	14	14	0	0	0	0.0%	
22-Apr-07	235.1	410	167	13	13	0	0	0	0.0%	

Notes:

- 13-Apr-07 Subyearling fall chinook tules from spring creek NFH began arriving at the facility at 0645 on 13 April approximately 21 hours after release.
- 14-Apr-07 Most of the subyearling Chinook morts were dead on arrival. Others were moribund expring a short time after arrival.
- 30-Apr-07 High Sample rate to assist with research collections

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**May 2007 Release**

SampleDate	Riverflow	PassIndex	Collcount	Sampcount	NumExamDe	NumDesc	SampMorts	FacMorts	% Mortality
28-Apr-07	229.2	142	60	3	3	0	0	0	0.0%
29-Apr-07	238.5	26	10	1	1	0	0	0	0.0%
30-Apr-07	236.6	197	80	8	8	0	0	0	0.0%
01-May-07	254.3	26	10	1	1	0	0	0	0.0%
02-May-07	273.9	71021	25763	1641	1638	1	1	2	0.1%
03-May-07	260.0	259419	92920	1546	1542	1	1	3	0.2%
04-May-07	275.8	139573	48200	482	480	0	0	2	0.4%
05-May-07	292.5	90308	31450	569	569	0	0	0	0.0%
06-May-07	294.9	58903	20907	1126	1124	3	0	2	0.2%
07-May-07	271.4	23880	8513	261	260	0	0	1	0.4%
08-May-07	257.6	15088	5837	374	374	1	0	0	0.0%

**Notes:**

- 01-May-07 Fish released from Spring Creek NFH by 0945 hrs.
- 02-May-07 Spring Creek NFH subyearling tule fall Chinook began arriving at the facility at 0250 on 2 May, approximately 17 hours after release.
- 03-May-07 Special operations to monitor Spring Creek NFH tule fall chinook passage were implemented. Samples were collected and processed bi-hourly from 0700-2300 on 2 May. One sample was taken overnight from 2300 on 2 May - 0700 on 3 May.
- 06-May-07 High Sample rate to assist with research collections
- 07-May-07 High Sample rate to assist with research collections