

ROZA ADULT FISH MONITORING FACILITY

Presented by

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Yakama Nation



GOAL

- **Enumerate Spawning Escapement wild/hatchery**
- **Collect Broodstock**
- **Enumerate Hatchery Returns (by Treatment, Acclimation Site and Brood Year)**

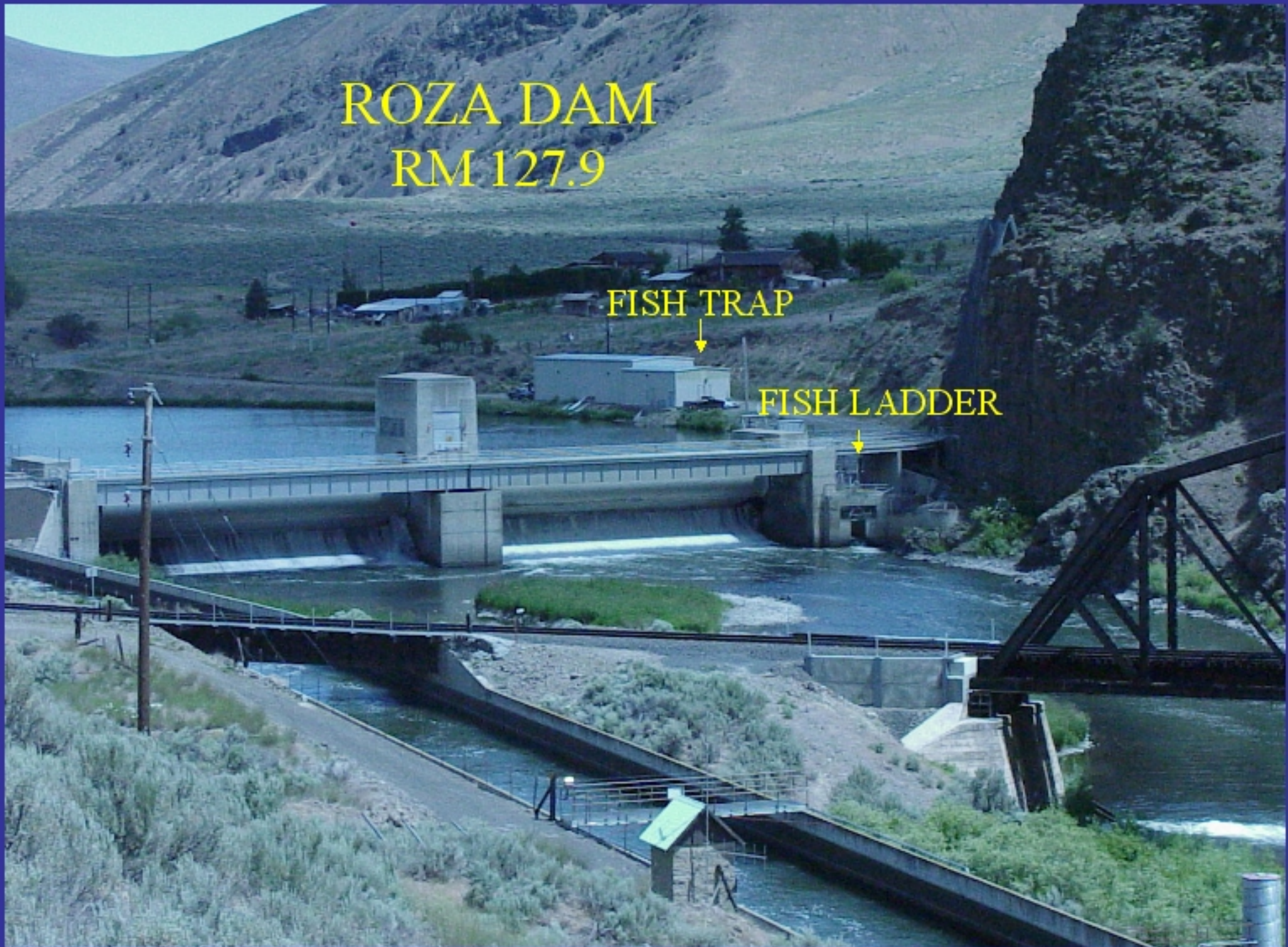
ROZA DAM

RM 127.9

FISH TRAP



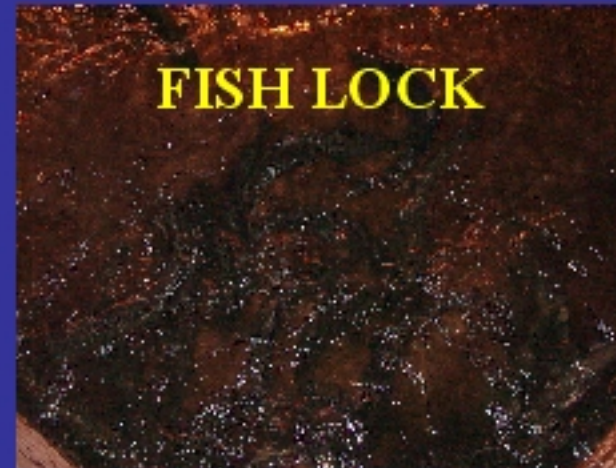
FISH LADDER



ADULT FISH TRAP



HOLDING AREA



FISH LOCK



FISH FLUME



WORK-UP AREA

ENUMERATING FISH



Roza Broodstock Collection 2004

<u>Adult Collection Schedule</u>					<u>Jack Collection Schedule</u>					<u>Precocials</u>
Week Beg.	Fish Week	Wild	Hatchery	Total	Week Beg.	Fish Week	Wild	Hatchery	Total	
4/25/2004	1	3	1	4	5/9/2004	1	1	0	1	No Schedule Take 15 wild and 15 hatchery at your discretion.
5/2/2004	2	17	3	20	5/16/2004	2	3	1	4	
5/9/2004	3	70	14	84	5/23/2004	3	7	2	9	
5/16/2004	4	115	22	137	5/30/2004	4	7	2	9	
5/23/2004	5	103	20	123	6/6/2004	5	4	1	5	
5/30/2004	6	68	13	81	6/13/2004	6	4	1	5	
6/6/2004	7	56	11	67	6/20/2004	7	4	2	6	
6/13/2004	8	41	8	49	6/27/2004	8	2	1	3	
6/20/2004	9	29	6	35	7/4/2004	9	2	1	3	
6/27/2004	10	16	3	19	7/11/2004	10	1	1	2	
7/4/2004	11	8	2	10	7/18/2004	11	1	0	1	
7/11/2004	12	7	1	8	7/25/2004	12	1	0	1	
7/18/2004	13	6	1	7	8/1/2004	13	1	0	1	
7/25/2004	14	3	1	4	8/8/2004	14	1	0	1	
8/1/2004	15	3	0	3	8/15/2004	15	0	0	0	
8/8/2004	16	3	1	4	8/22/2004	16	0	0	0	
8/15/2004	17	3	1	4	8/29/2004	17	1	0	1	
8/22/2004	18	3	0	3	9/5/2004	18	0	0	0	
8/29/2004	19	3	1	4	9/12/2004	19	0	0	0	
9/5/2004	20		0	0	9/19/2004	20	0	0	0	
9/12/2004	21		0	0	9/26/2004	21	0	0	0	
9/19/2004	22		0	0	10/3/2004	22	0	0	0	
	23					23				
	24					24				
Total		557	109	666	Total		40	12	52	

BROODSTOCK COLLECTION

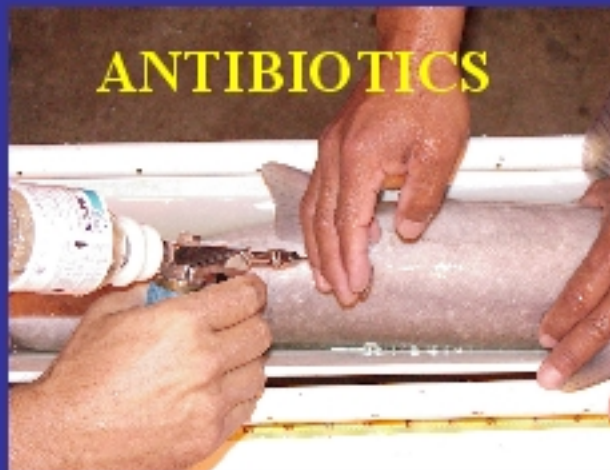
(BIOLOGICAL DATA)



BIOLOGICAL DATA CONTINUED

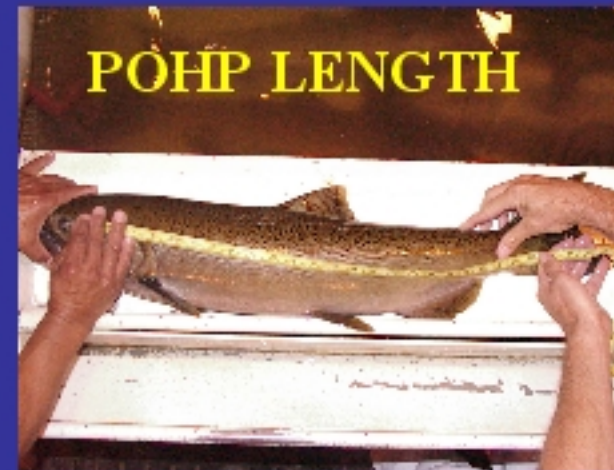


MORE DATA



HATCHERY RETURNS

(BIOLOGICAL DATA)

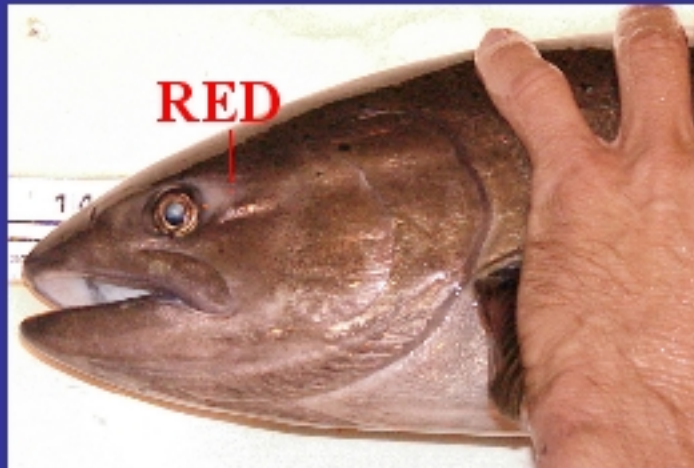


HATCHERY RETURNS

TAGS



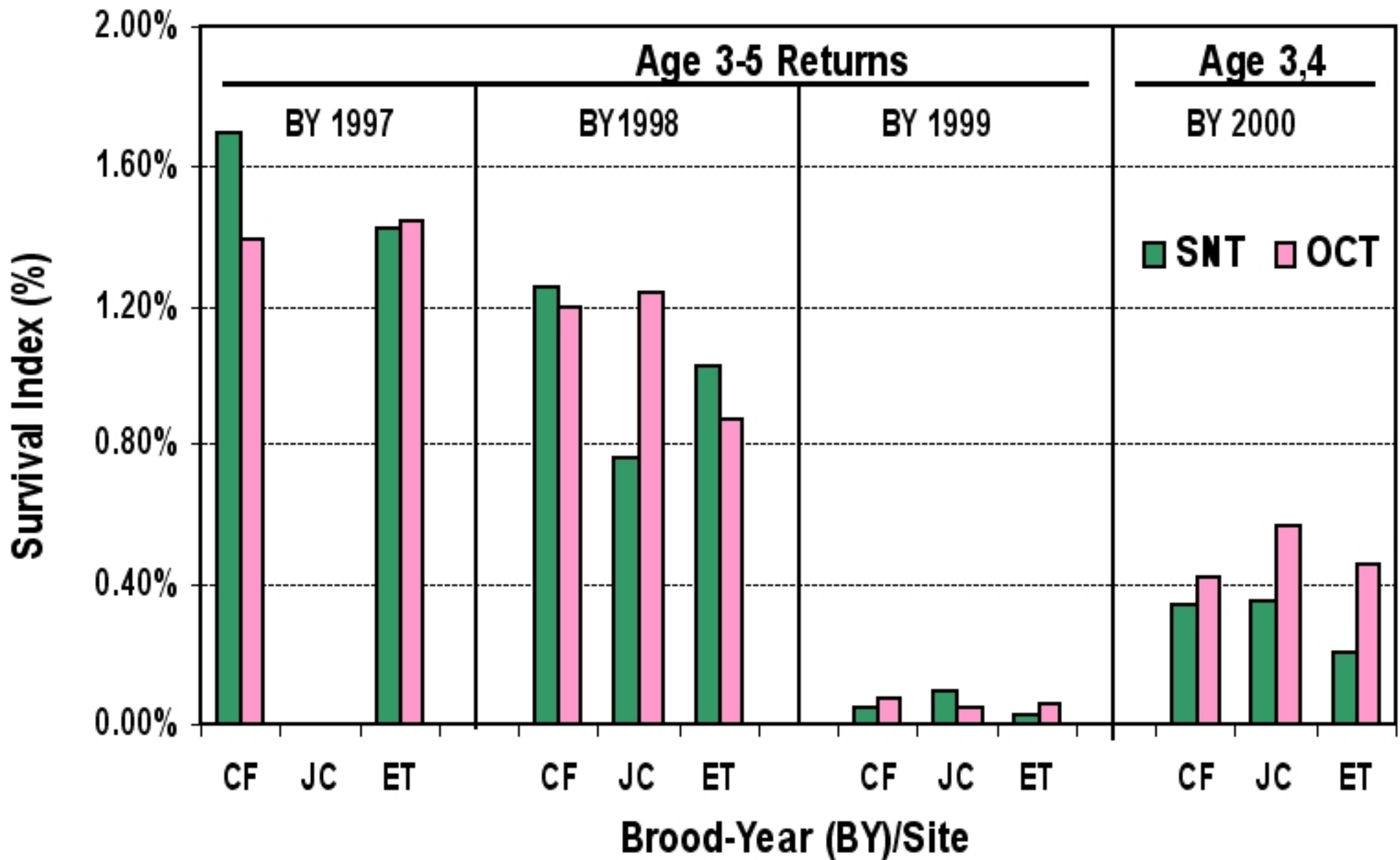
(MORE DATA)
ELASTOMER MARKS



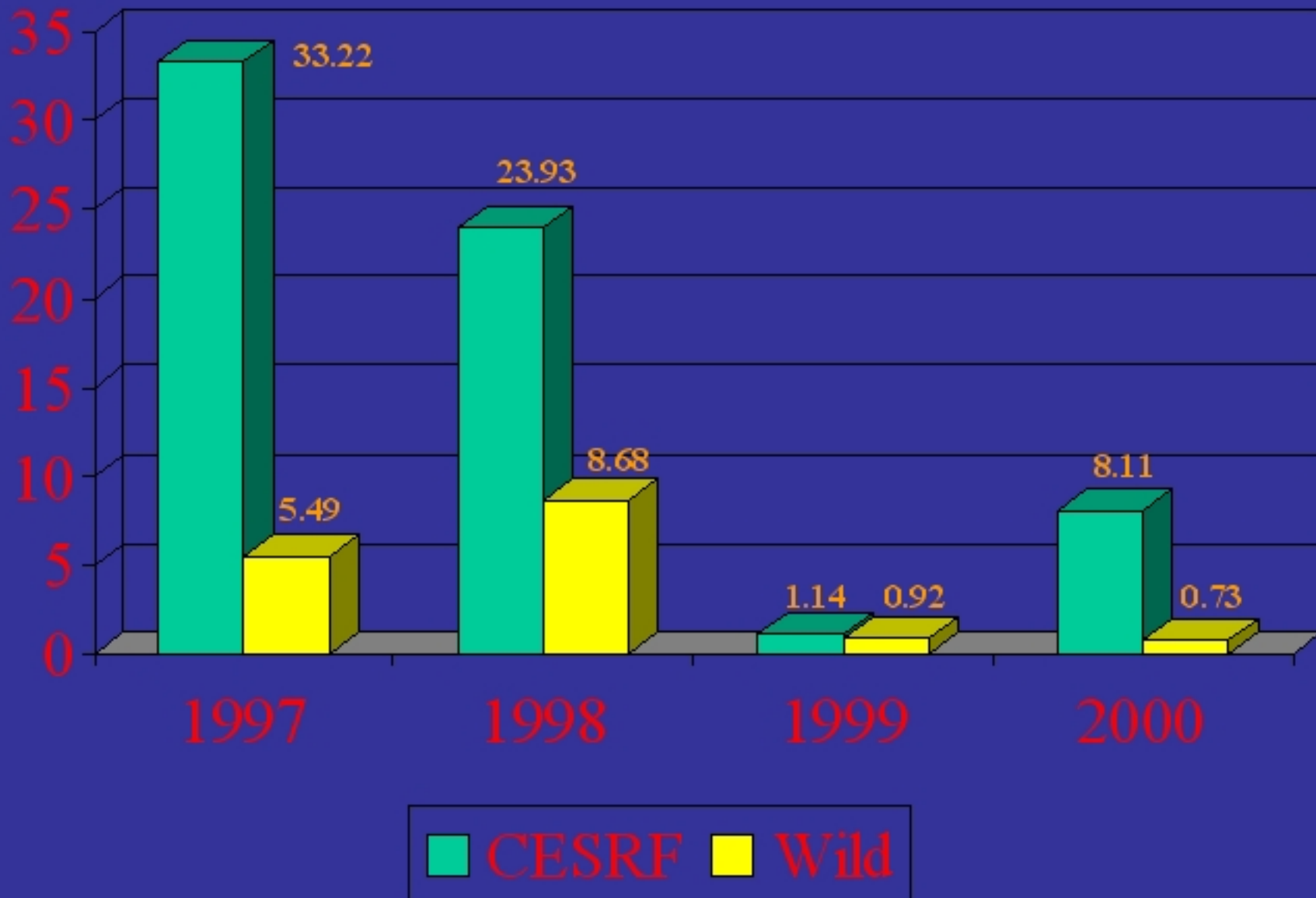
RECOVERY TANKS



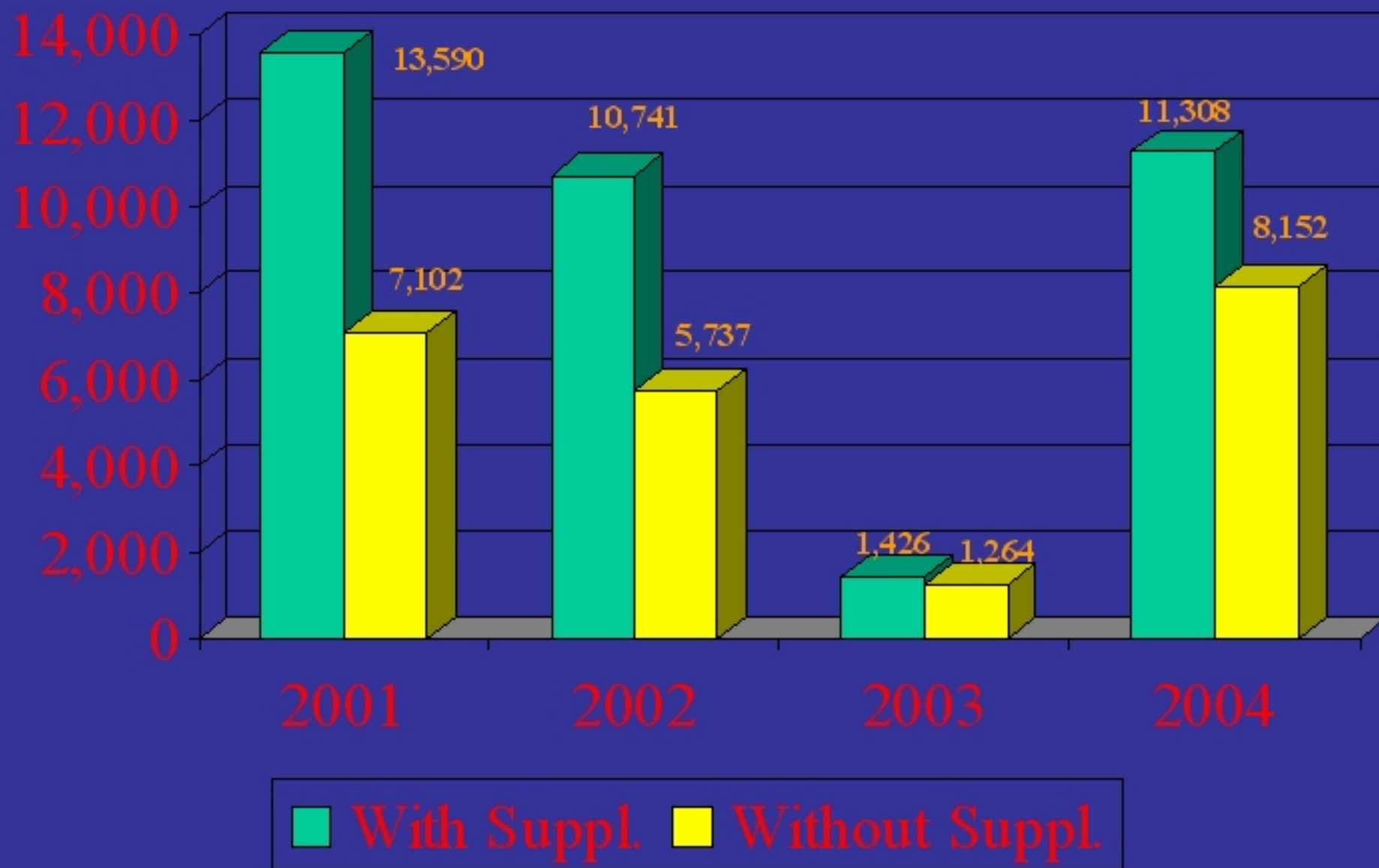
Smolt-to-Adult Returns



Upper Yakima Spring Chinook Return-per-Spawner rates Brood Years 1997-2000



Upper Yakima Spring Chinook Age 4 Returns with and without Supplementation



YKFP

Spring Chinook Supplementation Project

Enhanced the tribal subsistence

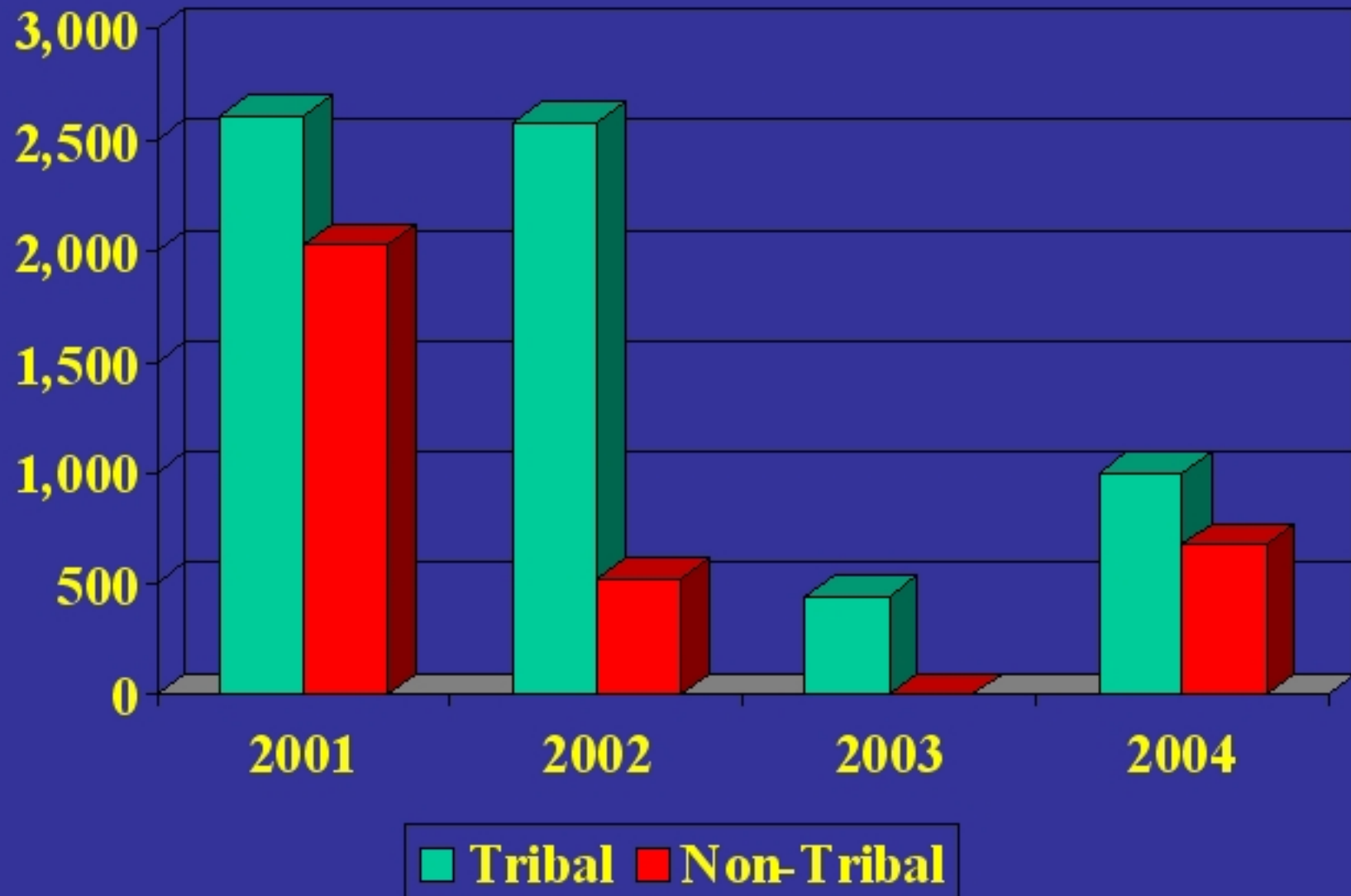
And ceremonial fisheries

&

Initiated the first sport fisheries

In over 50 years

Yakima River Spring Chinook Harvest



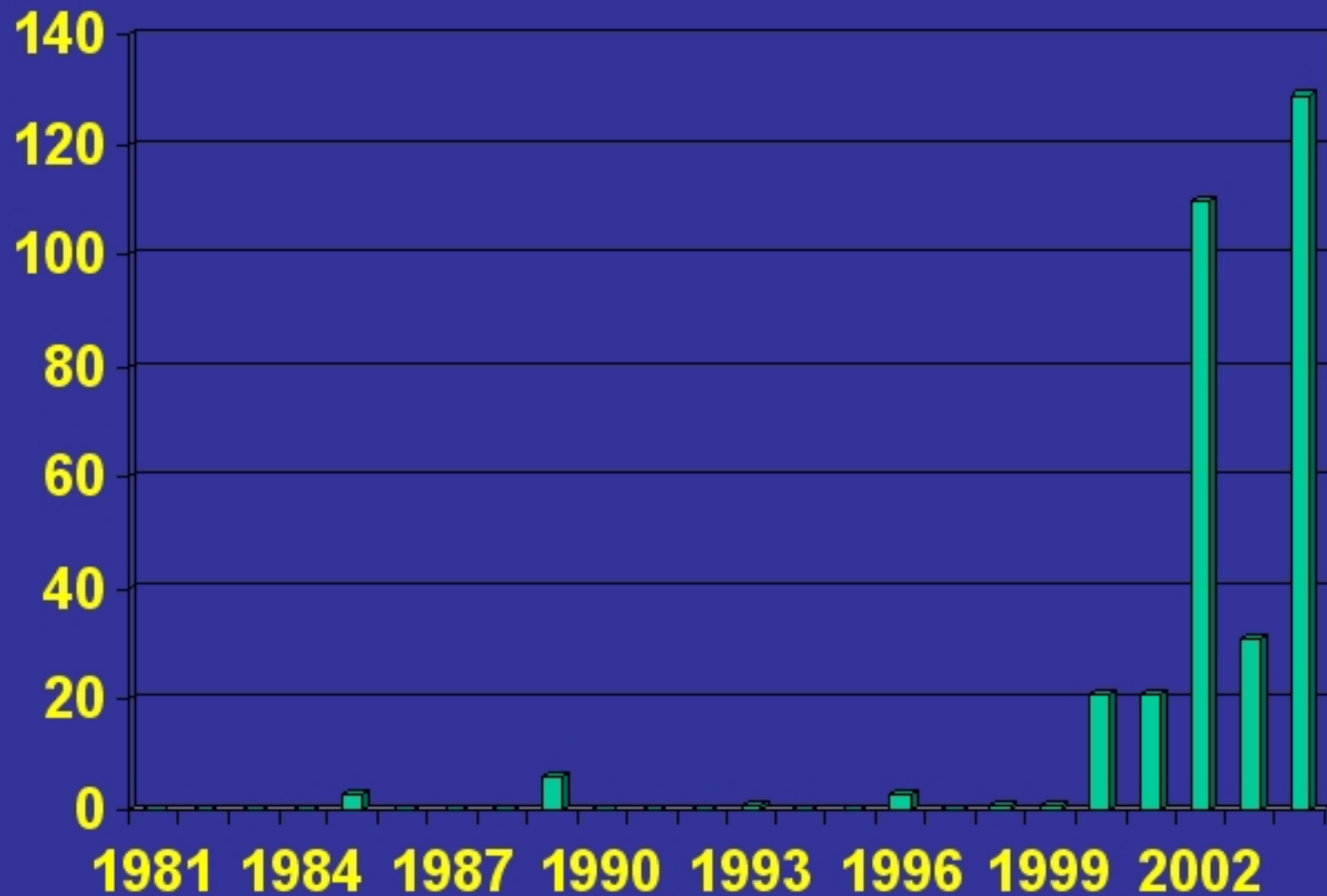
Sport Fishing in the Yakima River



THE ONES THAT GOT AWAY



Teaway R. Spring Chinook Redd Counts, 1981 - 2004



DISCUSSION

Continue the current monitoring plan through 2006. Which will end 5 year cycle. (2001 brood year, 5 year old returns).

