

ANNUAL REPORT SALMON HATCHERY

Year Ended December 15, 2004

Hatchery name/Location
Permit holder name/Address

Tutka Bay Lagoon Hatchery
Cook Inlet Aquaculture Association
40610 Kalifornsky Beach Road
Kenai, AK 99611-6445

Person to contact
regarding this report

Gary L. Fandrei	name
(907)283-5761	phone

DECLARATION AND SIGNATURE

I declare that the information given in this annual report is, to my knowledge, true, correct and complete.

Gary L. Fandrei
Name of Legal Representative

Date

Signature of Representative

Part 1. REPORT OF THIS YEAR'S PERFORMANCE

A. Complete the following schedules of production statistics for this year. Use the metric system for length and weight measurements.

Schedule A- Annual Broodstock Report

Schedule B- Fish Culture Report

Schedule C- Harvest Management and Hatchery Returns

If this site is a central incubation Facility, complete a separate schedule for each remote release site.

Part 2. PROJECTED RETURNS FOR NEXT YEAR

A. Complete Schedule D with each species and each release site.

Part 3. UPDATED SCHEDULES FOR PRIOR YEAR ANNUAL REPORT ARE NOW MANDATORY

A. Updated schedule C (called F) is attached. Please update the information we have on file, if changes have occurred or numbers have been finalized.

SCHEDULE A-1

ANNUAL BROODSTOCK AND INITIAL SURVIVAL REPORT

Complete this schedule for each species/ stock of eggs taken this year.

1. Species Tutka Bay Lagoon Hatchery

2. Donor stream (name/number):

3. Adults used for broods females males jacks total -

4. Average length and weight of adults used for broodstock total

females> cm kg

males> cm kg

5. Average fecundity (eggs/female):

6. Eggtake dates:

7. Number of green eggs taken:

8. Number placed in hatchery¹

9. Number surviving to eyed #DIV/0! % survival²

10. Describe procedures used for egg takes and evaluation of in-hatchery survivals:

Eggs were not collected in 2004. Operations have been suspended.

SCHEDULE B-1 ANNUAL FISH CULTURE PRODUCTION REPORT

Complete this schedule for each species and stock of eggs (or fish) cultured this year from prior broodyears. Please provide explanations for any differences in reported numbers of green eggs and eyed eggs from those reported last year by species and stock

FISH CULTURE REPORT

Tutka Bay Lagoon Hatchery

Species: Pink Stock: Tutka Creek Brood year: 2003

A. Lifestage Information

	Actual number	% cum survival	Transfers- between hatcheries (annotate)
1. Green egg	76,196,000	100%	
2. Eyed egg	51,237,000	67%	
3. Emergent	48,964,000	64%	
4. Fed fry	47,964,000	63%	
5. Smolts		0%	

B. Release Information

Site	Release			Size		Expected Year(s)	
	Number	date	lifestage	gm/fish	mm/fish	adult	return of return
Tutka Bay	5,902,396	6/16/2004	fry	1.28		See Schedul	2005
Tutka Bay	6,956,408	6/16/2004	fry	1.08		See Schedul	2005
Tutka Bay	5,823,388	6/20/2004	fry	0.81		See Schedul	2005
Tutka Bay	7,584,914	6/20/2004	fry	1.41		See Schedul	2005
Tutka Bay	5,851,691	6/23/2004	fry	0.94		See Schedul	2005
Tutka Bay	7,455,195	6/23/2004	fry	0.91		See Schedul	2005
Tutka Bay	3,498,220	6/30/2004	fry	2.18		See Schedul	2005
Tutka Bay	4,892,148	6/30/2004	fry	1.52		See Schedul	2005
Total:	47,964,000						

C. Tagging/Marking

6. Number of fish marked or tagged (by release group and method of marking)

None

D. Other

7. Report any diseases, rearing problems, or significant mortalities among these fish.

Poor survival from green egg to eyed egg is suspected to be a result of broodstock holding problems related to low D.O., high water temperatures, and high crowding density within net pens.

SCHEDULE C-1 HARVEST MANAGEMENT AND HATCHERY ADULT RETURNS

Complete a separate schedule for each project and species.

Species: Pink Salmon **Tutka Bay Lagoon Hatchery**
Location of harvest/return Tutka Bay and Tutka Bay Lagoon

1. Number of fish harvested under Hatchery Harvest Permit	adults	1,175,326		
	jacks			
2. Hatchery broodstock				
3. Broodstock for hatchery watershed		17,846		
4. Jacks				
5. Excess fish (surplus to all other requirements) ¹				
6. Other: ¹	number			
explain > 				
7. Total return to hatchery				1,193,172
8. Estimated contribution to common property fisheries				
A. Commercial				
1. Troll				
2. Gillnet		747		
3. Seine		776		
TOTAL				1,523
B. Sport		1,500		
C. Other:				
explain > 				
9. Total return(sum 7+8A, B, C)				1,196,195

	BY	Total # returning in 04 % survival	cumulative	
10. Estimated ocean survival by BY ²	2002	1,196,195	1.73	%
				%
				%
				%
				%

11. Average size of fish sold	ND	<length-cm	1.5	wt-kg
12. Date(s) of harvest	7/3/2004	to	8/7/2004	
13. Gear type or method used	Purse Siene			

	A. # fish	Lbs (fish/roe)	lb received	D. Total \$ received
14. Whole fish harvested/sold	1,175,326	3,759,169	0.02	\$ 75,183.38
15. Fish donated				
16. Carcasses sold				\$ -
17. Roe processed/sold				\$ -
18. Broodstock disposed				
19. Total dollars received (sum lines 14,16,17)				\$ 75,183.38
20. Total corporate revenue	sources	All		\$ 1,614,760.00
21. Amount required to recover corporate costs				\$ 2,740,486.00
22. Total surplus or deficit at corporation(line 20-line 21)				\$ (1,125,726)

#10. This number was calculated based on the number of estimated brood year 2002 fry released in 2003 and the total estimated return of that brood year in 2004

#21. \$1,184,588 of this figure represents the sum deficit experienced at Tutka Bay Lagoon Hatchery from FY 2000 to FY 2004

