# 2007 ANNUAL REPORT ALASKAN SALMON HATCHERY

Year ending December 15, 2007

	9	
Hatchery name/Location	KITOI BAY	
Permit holder name/Address		
Person to contact		name
regarding this report		phone

#### Schedule A - Egg-take

ID	Brood Year	Species	Ancestral Stock	Donor Stock	Egg-take Green	Eggs Retained	Eggs Survived
1	2007	СНИМ	STURGEON R	KITOI BAY H	27,942,625	27,942,625	23,910,178
2	2007	PINK	BIG KITOI CR	KITOI BAY H	189,970,176	189,970,176	159,098,808
3	2007	соно	LITTLE KITOI LK	KITOI BAY H		2,291,688	1,949,955
4	2007	SOCKEYE	SALTERY LK 259-41	SALTERY LK 259-41			553,451

#### Schedule B - Section A - Life Stage Information

ID	Brood Year	Species	Ancestral Stock	Donor Stock	Green	Eyed	Emg Fry	Fed Fry	Smolt
1	2006	СНИМ	STURGEON R	KITOI BAY H	29,206,979	23,796,209	21,648,839	21,648,839	
2	2006	PINK	BIG KITOI CR	KITOI BAY H	181,812,203	158,249,417	140,898,860	140,898,860	
3	2005	соно	LITTLE KITOI LK	KITOI BAY H	2,089,491	1,950,000	1,449,566	367,239	1,046,365
4	2006	соно	LITTLE KITOI LK	KITOI BAY H	2,355,151	1,950,000	1,450,000	1,386,178	990,000
5	2005	SOCKEYE	SALTERY LK 259-41	SALTERY LK 259-41	716,030	627,460	614,724		609,795
6	2006	SOCKEYE		SALTERY LK 259-41	719,543	632,943	607,189	548,533	548,533

#### Schedule B - Section C - Release

ID	Release ID/Tag Code	Brood Year	Species	Ancestral Stock	Donor Stock	Site	Total Released
3	!01072KRAA08	2005	соно	LITTLE KITOI LK	KITOI BAY H	KITOI BAY 252-31	1,046,365
4	!01072KRAA11	2006	соно	LITTLE KITOI LK	KITOI BAY H	CRESCENT LK 252-36 (B)	143,008
4	!01072KRAA10	2006	соно	LITTLE KITOI LK	KITOI BAY H	JENNIFER LK 252-31 (B)	209,577
4	!01072KRAA12	2006	соно	LITTLE KITOI LK	KITOI BAY H	KATMAI CR 259-10	13,593
4	!01072KRAA09	2006	соно	LITTLE KITOI LK	KITOI BAY H	RUTH LK 252-30 (B)	30,000
5	!01074KRAA14	2005	SOCKEYE	SALTERY LK 259-41	SALTERY LK 259-41	LITTLE KITOI LK 252-31	402,911
6	!01074KRAA15	2006	SOCKEYE		SALTERY LK 259-41	LITTLE KITOI LK 252-31	119,285
6	!01074KRAA16	2006	SOCKEYE		SALTERY LK 259-41	LITTLE KITOI LK 252-31	14,248
1	!01075KRAA01	2006	CHUM	STURGEON R	KITOI BAY H	KITOI BAY 252-31	21,648,839
2	!01076KRAA01	2006	PINK	BIG KITOI CR	KITOI BAY H	KITOI BAY 252-31	140,898,860

#### Schedule C - Return

ID	Species	Ancestral Stock	Donor Stock	Project	Cost Recovery	Comm Property	Total Return
1	СНИМ	STURGEON R	KITOI BAY H	KITOI BAY	11,280	209,446	256,139
2	PINK	BIG KITOI CR	KITOI BAY H	KITOI BAY	1,673,338	6,212,301	8,223,226
3	соно	BUSKIN+L KITOI LK	KITOI BAY H	KITOI BAY		126,305	131,515
4	SOCKEYE	SALTERY LK 259-41	SALTERY LK 259-41	KITOI BAY	455	33,365	35,690

#### Schedule F - Return

_							
ſ	ID	Species	Stock	Project	Cost Recovery	Comm Property	Total Return

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1 COHO KITOI BAY 16,062 153,386 175,131

# Schedule A-1 2007 ANNUAL BROODSTOCK AND INITIAL SURVIVAL REPORT

									KITOI BAY	
		Cor	tinued to	2008, B-1						
1.	Species			СНИМ						
2.	Donor stock			KITOI BA	Y H					
3.	Ancestral stock			STURGE	ON R					
4.	Viable broodstock (spav	vned, eggs in ind	cubators)		14,359	females	7,886	males	22,245 tota	
5.	Inviable broodstock (gre	en/over-ripe/bac	d)		595	females		males	595 tota	
6.	Unspawned fish (roe red	covery, excess n	nales)		7,843	]				
7.	Holding mortalities (race	way, pen morta	lities)		2,730	ĺ				
8.	Adults sacrificed for broo	odstock (sum 4	thru 7)		33,413	ĺ				
9.	Average length and weig	ght of adults use	d for broc	dstock		•				
			Females			mm	3.30	kg		
		Males			mm	3.30	kg			
10.	Average fecundity (eggs	s/female)			1,946	Ove	erride auto calculatio	n		
11.	Egg-take dates (first dat	e)		C	7/18/2007	ĺ				
12.	Egg-take dates (last dat	e)		C	07/29/2007					
13.	Number of green eggs to	aken		2	27,942,625					
14-16.	Transfers, Morts, and Co	ulls				•				
	Transfer Type	Date	Life	Stage	FTP	Direction	Site/Disca	rd Cause	Total	
	Culled	8/1/2007	EYED EG	G			Excess disposed		1,600,000	
						Total	Transfers, Morts, an	d Culls	-1,600,000	
17.	Number of green eggs r	etained in hatch	ery	2	7,942,625	]				
18.	Number remaining in ha	2	23,910,178	85.569	% survival ☐ Ove	erride auto ca	lculation			
19.	Describe procedures us	ed for egg takes	and eval	uation of in	-hatchery	survivals:				
	Updated Per 08 AR. 1.6	M eggs destroy	/ed.							
Entered By MESTOPHA Date Last Modified 9/25/2								9/25/2018 8	:16:33 AM	

# Schedule A-2 2007 ANNUAL BROODSTOCK AND INITIAL SURVIVAL REPORT

									KITOI BAY
		Conti	nued to	2008, B-2					
1.	Species			PINK					
2.	Donor stock			KITOI BAY	Н				
3.	Ancestral stock			BIG KITOI	CR				
4.	Viable broodstock (spa	wned, eggs in incu	bators)		144,706	females	57,947	males	202,653 total
5.	Inviable broodstock (gr	een/over-ripe/bad)			10,533	females		males	10,533 total
6.	Unspawned fish (roe re	ecovery, excess ma	les)		103,151	-			
7.	Holding mortalities (rac	eway, pen mortaliti	es)		21,250				
8.	Adults sacrificed for bro	oodstock (sum 4 th	ru 7)		337,587				
9.	Average length and we	eight of adults used	for broo	dstock		•			
		F	emales			mm [	1.70	kg	
		Males			mm [	1.70	kg		
10.	Average fecundity (egg	gs/female)			1,313	☐ Ove	rride auto calculatio	n	
11.	Egg-take dates (first da	ate)		09	/01/2016				
12.	Egg-take dates (last da	ate)		09.	09/19/2016				
13.	Number of green eggs	taken		189	189,970,176				
14-16.	Transfers, Morts, and 0	Culls							
	Transfer Type	Date	Life	e Stage	FTP	Direction	Site/Disca	rd Cause	Total
	Culled	12/31/2007	EYED E	:GG			Excess disposed		20,400,000
						Total 7	Γransfers, Morts, an	d Culls	-20,400,000
17.	Number of green eggs	retained in hatcher	у	189	,970,176				
18.	Number remaining in h	159	,098,808	83.749	% survival ☐ Ove	erride auto calc	ulation		
19.	Describe procedures u	sed for egg takes a	nd eval	uation of in-l	natchery	survivals:			
	Per 08 AR. 20.4 M egg	s destroyed (fecun	dity high	ner than ave	rage).				
	Entered By				4		Date Last Modified	9/25/2018 8:1	8:56 AM

# Schedule A-3 2007 ANNUAL BROODSTOCK AND INITIAL SURVIVAL REPORT

										KITOI	BAY
		Continued to	2008, B-3								
1.	Species		СОНО								
2.	Donor stock		KITOI BAY H	1							
3.	Ancestral stock		LITTLE KITC	ITTLE KITOI LK							
4.	Viable broodstock (spawned, eggs	in incubators)		900	females		877	males		1,777	total
5.	Inviable broodstock (green/over-rip	oe/bad)		700	females			males		700	total
6.	Unspawned fish (roe recovery, exc	cess males)		2,050							
7.	Holding mortalities (raceway, pen	mortalities)		683							
8.	Adults sacrificed for broodstock (se	um 4 thru 7)		5,210							
9.	Average length and weight of adul	ts used for broo	dstock								
		Females			mm		3.20	kg			
		Males			mm		3.20	kg			
10.	Average fecundity (eggs/female)				□ Ove	erride a	auto calculatio	ำ			
11.	Egg-take dates (first date)		11/0	05/2007							
12.	Egg-take dates (last date)		11/0	06/2007							
13.	Number of green eggs taken	·									
4-16.	Transfers, Morts, and Culls										
	Transfer Type Date	e Life St	age F	TP	Direction	n	Site/E	iscard Cause	;	Tota	al
					Total	Trans	fers, Morts, an	d Culls			
17.	Number of green eggs retained in	hatchery	2,2	291,688							
18.	Number remaining in hatchery at e	eyed stage	1,9	949,955	85.088	% sur	vival 🛮 Ove	rride auto ca	alculation		
19.	Describe procedures used for egg	takes and eval	uation of in-ha	atchery s	urvivals:						
	Per 08 AR.										
		Entered By	LIWILSON			Date	Last Modified	3/14/2022	3:05:55 PM	1	

# Schedule A-4 2007 ANNUAL BROODSTOCK AND INITIAL SURVIVAL REPORT

										KITOI	BAY
		Continu	ed to [	2008, B-5							
1.	Species		[	SOCKEYE							
2.	Donor stock		[	SALTERY LK	259-41						
3.	Ancestral stock		[	SALTERY LK	259-41						
4.	Viable broodstock (spav	vned, eggs in incuba	tors)		216	females		144	males	360	total
5.	Inviable broodstock (gre	en/over-ripe/bad)	ĺ			females			males		total
6.	Unspawned fish (roe red	covery, excess male	s) [								
7.	Holding mortalities (race	eway, pen mortalities	;) [								
8.	Adults sacrificed for broad	odstock (sum 4 thru	7)		360						
9.	Average length and weight	ght of adults used fo	r broo	dstock		•					
		Fen	nales			mm [		2.40	kg		
		N	1ales			mm		2.40	kg		
10.	Average fecundity (eggs	Ī			☐ Ove	erride au	ito calculatio	n			
11.	Egg-take dates (first dat	e)	Ĭ	09/	11/2007						
12.	Egg-take dates (last dat	e)	Ĭ	09/	11/2007						
13.	Number of green eggs t	aken	Ĭ								
14-16.	Transfers, Morts, and C	ulls	_								
	Transfer Type	Date	L	ife Stage	FTP	Direct	tion	Site/Di	scard Cause	Total	
	Transferred	12/31/2007	EYED	EGG		FROM	F	PILLAR CR 25	59-10	553	3,451
						Total	Transfe	rs, Morts, an	d Culls	553,451	
17.	Number of green eggs r	etained in hatchery	[								•
18.	Number remaining in ha	tchery at eyed stage	, [	Ę	553,451		% survi	val 🛮 Ove	erride auto ca	alculation	
19.	Describe procedures us	ed for egg takes and	l evalu	uation of in-ha	tchery s	urvivals:					
	Updated Per 09 AR. EE	xfered from PCH.									
			г			1					
		ed By	MESTOPHA		Date Last Modified 9/25/2018 8:41:18 AM						

### 2007 ANNUAL FISH CULTURE PRODUCTION REPORT

									KITOI BAY
Species	CHUM		Donor Stoc	k KIT	OI BAY H			Brood Year	2006
			Ancestral Stoc	k STL	JRGEON R				
			Continued from	n 200	6, A-1	to			
A. Life Stage Infori	mation								
	Acut	al Number	% cum survival				etween hatcherie otive comments.	s, significant mort	alities, or
. Green Eggs		29,206,979	10	0					
2. Eyed Eggs		23,796,209	81.4	7					
3. Emergent Fry		21,648,839	74.1	2					
1. Fed Fry		21,648,839	74.1	2					
5. Smolts									
B. Transfers, Morts  Transfer Type	s, and C	Date	Life Stage	FTP	Direction		Site/Discard	d Cause	Total
Culled		10/1/2006	EYED EGG		_		Excess disposed		2,866,862
C. Release Informa	ation		Total Transfe	rs, Mor	ts, and Culls [		2,866,862		
Release ID/ Tag Code	FT	Ancestral Stock	Donor Stock		Site		Date Last Released	Life Stage	Total
!01075KRAA01			BIG KITOI CR	KITOI	BAY 252-31		5/27/2007	FED FRY	21,648,839
			Total Relea	ased 2	21,648,839				
D. Other									

Untagged Re	lease		Annual Report:	2007, SCHEDULE B-1			
Release ID Code:	!01075KR	AA01					
General Information	tion						
Project Leader:	ARO		Species:	CHUM		Rearing Type:	HATCHERY
Agency:	KRAA		Brood Year:	2006		Release Type:	PRODUCTION
Division/Section:			Adult Run:			Mark Type:	NO MARK
Facility:	KITOI BAY	1				Thermal Mark ID:	
Donor Stock:	BIG KITO	I CR	Release Group:			Hatch Code:	
Ancestral Stock:			FTP:		Ex	perimental Class:	
Experimental Narra	ative: 250 ch	naracters ma	ıx.				
Untagged Releas	se Informat	ion					
Release S	Supervisor:	ARO		F	Release Stage:	FED FRY	
Re	lease Site:	KITOI BAY	252-31	Unmarked Cou	unting Method:	BOOK ESTIMAT	E
Anadromous	Stream #:			Expe	ected Survival:	NORMAL	
Si	ze at Relea	se		Release D	Dates		Total Fish Released
Weight (g): 1.7	2 Fork	Length (mm	): Bega	an: 05/27/2007	Ended: 05	/27/2007	21,648,839
Comments: 250 ch	aracters ma	ax.					
				OOK ESTIMATE IS MET 31 AS PER KITOI BAY I			

### 2007 ANNUAL FISH CULTURE PRODUCTION REPORT

												KITOI BAY
Species	PINK			Donor S	tock	KIT	OI BAY H			Bro	od Year	2006
				Ancestral S	tock	BIG	KITOI CR					
				Continued	from	200	06, A-2	to		]		
A. Life Stage Info	rmatio	n								•		
	Ac	utal N	lumber	% cum surviva	l				etween hatcheri otive comments.		ant mort	alities, or
. Green Eggs		18	81,812,203		100							
2. Eyed Eggs		15	58,249,417	8	7.04							
B. Emergent Fry		14	40,898,860	7	7.50							
1. Fed Fry		14	40,898,860	7	7.50							
5. Smolts												
B. Transfers, Mor  Transfer Type			Date	Life Stage	FI	ГР	Direction	1	Site/Discard	I Cause		Total
Culled			10/1/2006	EYED EGG				E	Excess disposed			14,813,333
C. Release Inform	nation			Total Tran	sfers	, Mo	rts, and Culls	-14	4,813,333			
Release ID/ Tag Code	F	ТР	Ancestral Stock	Donor Stock			Site		Date Last Released	Life Stage	•	Total
!01076KRAA01				BIG KITOI CR	KI	TOI E	BAY 252-31		5/27/2007	FED FRY		140,898,860
				Total Re	lease	ed 1	40,898,860					
D. Other												

Untagged Release	Annual Report:	2007, SCHEDULE B-2		
Release ID Code: !01076KRAA01	]			
General Information				
Project Leader: ARO	Species:	PINK	Rearing Type	: HATCHERY
Agency: KRAA	Brood Year:	2006	Release Type	PRODUCTION
Division/Section:	Adult Run:		Mark Type	: NO MARK
Facility: KITOI BAY	]		Thermal Mark ID	:
Donor Stock: BIG KITOI CR	Release Group:		Hatch Code	:
Ancestral Stock:	FTP:		Experimental Class	:
Experimental Narrative: 250 characters m	ax.			
Untagged Release Information				
Release Supervisor: ARO		Relea	se Stage: FED FRY	
Release Site: KITOI BAY	′ 252-31	Unmarked Counting	g Method: WEIGHT DERI	VED
Anadromous Stream #:		Expected	Survival: NORMAL	
Size at Release		Release Dates	s	Total Fish Released
Weight (g): 0.60 Fork Length (mm	n): Bega	an: 05/27/2007 En	ided: 05/27/2007	140,898,860
Comments: 250 characters max.				
DATA SOURCE: 2007 KITOI BAY AFCPI KITOI BAY HATCHERY ANNUAL MANAC			ITOI CR 252-31 TO KITOI E	BAY 252-31 AS PER

### 2007 ANNUAL FISH CULTURE PRODUCTION REPORT

									KITOI BA
соно			Donor St	ock [	(ITOI BAY H			Brood Year	2005
		Aı	ncestral St	ock L	ITTLE KITOI LK				
		(	Continued for	rom 2	006, B-4	to			
rmation				_		_			
Acuta	l Number	% cui	m survival					significant mort	alities, or
	2,089,49	1		100					
	1,950,00	0	93	3.32					
	1,449,56	6	69	.37					
	367,23	9	17	'.58					
	1,046,36	5	50	.08					
ts, and Cu	lls								
ре	Date	Life Sta	age	FTP	Direction		Site/Disc	ard Cause	Total
ation			Total Trans	fers, N	florts, and Culls				
FTP					Site		Date Last Released	Life Stage	Total
	LITTLE KITO	OI LK	KITOI BAY	Н	KITOI BAY 252-	31	6/4/200	7 SMOLT	1,046,365
			Total Re	leased	1,046,365				
	Acuta Acuta ts, and Cu	### Acutal Number	Acutal Number % cui 2,089,491 1,950,000 1,449,566 367,239 1,046,365  ts, and Culls  Date Life States	Ancestral State	Ancestral Stock	Ancestral Stock   Continued from   2006, B-4	Ancestral Stock   LITTLE KITOI LK	Ancestral Stock   LITTLE KITOI LK   2006, B-4   to   20	Ancestral Stock   Continued from   2006, B-4   to

Untagged Re	elease	Annual Report:	2007, SCHEDULE B-3	]		
Release ID Code:	!01072KRAA08	]				
General Informa	tion					
Project Leader:	ARO	Species:	СОНО	]	Rearing Type:	HATCHERY
Agency:	KRAA	Brood Year:	2005	j	Release Type:	PRODUCTION
Division/Section:		Adult Run:		]	Mark Type:	NO MARK
Facility:	KITOI BAY	]			Thermal Mark ID:	
Donor Stock:	KITOI BAY H	Release Group:		]	Hatch Code:	
Ancestral Stock:	LITTLE KITOI LK	FTP:		] Ex	perimental Class:	
Experimental Narra	ative: 250 characters ma	X.				
Untagged Releas	se Information					
Release S	Supervisor: ARO		Relea	se Stage:	SMOLT	
Re	lease Site: KITOI BAY	252-31	Unmarked Counting	g Method:	WEIGHT DERIV	ED
Anadromous	Stream #:		Expected	l Survival:	NORMAL	
Si	ze at Release		Release Dates	S		Total Fish Released
Weight (g): 17.	03 Fork Length (mm	): Bega	an: 06/04/2007 En	ided: 06	/04/2007	1,046,365
Comments: 250 ch						
DATA SOURCE: 2 LORNA WILSON (		B-3. ADDED ANCE	ESTRAL STOCK AND CHAN	IGED STO	CK FROM BIG KI	TOI CR AS PER

### 2007 ANNUAL FISH CULTURE PRODUCTION REPORT

										KITOI BAY
Species	соно		Donor	Stock	KITOI BAY H				<b>Brood Year</b>	2006
			Ancestral	Stock	LITTLE KITOI LK	(				
			Continue	d from	2006, A-3	l to [	2008, B-4	一		
A. Life Stage Inforr	nation					. L	,			
A. Elic Otage Illion	iiutioii				Annotate transfe	rs h	etween hat	cheries sig	nificant mort	alities or
	Acu	ıtal Number	% cum surviv	/al	provide other de				·····ount inort	u
1. Green Eggs		2,355,151		100						
2. Eyed Eggs		1,950,000		82.80						
3. Emergent Fry		1,450,000		61.57						
4. Fed Fry		1,386,178		58.86						
5. Smolts		990,000		42.04						
L		,	JL							
B. Transfers, Morts	s, and (	Culls								
Transfer Type	)	Date	Life Stage	FT	P Direction	ı		Site/Discard 0	Cause	Total
		'	Total Tra	ansfers	, Morts, and Culls		<u> </u>			'
					•					
C. Release Informa	tion									
Release ID/ Tag Code	FTP	Ancestral Stock	Donor Stock		Site			Date Last Released	Life Stage	Total
!01072KRAA11		LITTLE KITOI LI	KITOI BAY H	CI	RESCENT LK 252-36	6 (B)		7/20/2007	FED FRY	143,008
!01072KRAA10		LITTLE KITOI LI	KITOI BAY H	JE	NNIFER LK 252-31 (	(B)		7/20/2007	FED FRY	209,577
!01072KRAA12		LITTLE KITOI LI	KITOI BAY H	K	ATMAI CR 259-10			10/16/2007	PRESMOLT	13,593
!01072KRAA09		LITTLE KITOI LE	KITOI BAY H	RI	JTH LK 252-30 (B)			7/20/2007	FED FRY	30,000
			Total	Releas	ed 396,178					
D. Other										

Untagged Re	elease	Annual Report:	2007, SCHEDULE B-4			
Release ID Code:	!01072KRAA11	]				
General Information	tion					
Project Leader:	ARO	Species:	СОНО	]	Rearing Type:	HATCHERY
Agency:	KRAA	Brood Year:	2006	j	Release Type:	PRODUCTION
Division/Section:		Adult Run:		]	Mark Type:	NO MARK
Facility:	KITOI BAY	]		-	Thermal Mark ID:	
Donor Stock:	KITOI BAY H	Release Group:		]	Hatch Code:	
Ancestral Stock:	LITTLE KITOI LK	FTP:		] Ex	perimental Class:	
Experimental Narra	ative: 250 characters ma	x.				
Untagged Releas	se Information					
Release S	Supervisor: ARO		Relea	se Stage:	FED FRY	
Re	lease Site: CRESCEN	T LK 252-36 (B)	Unmarked Counting	g Method:	WEIGHT DERIV	ED
Anadromous	Stream #:		Expected	Survival:	NORMAL	
Si	ze at Release		Release Dates	·		Total Fish Released
Weight (g): 1.0	7 Fork Length (mm)	: Bega	n: 07/20/2007 En	ded: 07/	/20/2007	143,008
Comments: 250 ch	aracters max.					
DATA SOURCE: 2 LORNA WILSON (		B-4. ADDED ANCE	STRAL STOCK AND CHAN	IGED STO	CK FROM BIG KI	TOI CR AS PER

Untagged Re	elease	Annual Report:	2007, SCHEDULE B-4	]		
Release ID Code:	!01072KRAA10	]				
General Informa	tion					
Project Leader:	ARO	Species:	СОНО	]	Rearing Type:	HATCHERY
Agency:	KRAA	Brood Year:	2006	]	Release Type:	PRODUCTION
Division/Section:		Adult Run:		]	Mark Type:	NO MARK
Facility:	KITOI BAY	]		Т	hermal Mark ID:	
Donor Stock:	KITOI BAY H	Release Group:		]	Hatch Code:	
Ancestral Stock:	LITTLE KITOI LK	FTP:		Exp	erimental Class:	
Experimental Narra	ative: 250 characters ma	x.				
Untagged Releas	se Information					
Release S	Supervisor: ARO		Relea	se Stage: [	FED FRY	
Re	lease Site: JENNIFER	LK 252-31 (B)	Unmarked Counting	g Method:	WEIGHT DERIV	ED
Anadromous	Stream #:		Expected	l Survival:	NORMAL	
Si	ze at Release		Release Dates	<b>3</b>		Total Fish Released
Weight (g): 1.2	Fork Length (mm)	: Bega	n: 07/20/2007 En	ded: 07/2	20/2007	209,577
Comments: 250 ch	aracters max.					
DATA SOURCE: 2 LORNA WILSON (		B-4. ADDED ANCE	ESTRAL STOCK AND CHAN	IGED STO	CK FROM BIG KI	TOI CR AS PER

Untagged Re	elease	Annual Report:	2007, SCHEDULE B-4	]		
Release ID Code:	!01072KRAA12					
General Informa	tion					
Project Leader:	ARO	Species:	СОНО	]	Rearing Type:	HATCHERY
Agency:	KRAA	Brood Year:	2006	]	Release Type:	PRODUCTION
Division/Section:		Adult Run:		]	Mark Type:	NO MARK
Facility:	KITOI BAY				Thermal Mark ID:	
Donor Stock:	KITOI BAY H	Release Group:		]	Hatch Code:	
Ancestral Stock:	LITTLE KITOI LK	FTP:		] Ex	perimental Class:	
Experimental Narra	ative: 250 characters m	ax.				
Untagged Releas	se Information					
Release S	Supervisor: ARO		Relea	se Stage:	PRESMOLT	
Re	lease Site: KATMAI C	R 259-10	Unmarked Counting	g Method:	WEIGHT DERIV	ED
Anadromous	Stream #: 259-10-10	070	Expected	l Survival:	NORMAL	
Si	ze at Release		Release Dates	<b>3</b>		Total Fish Released
Weight (g): 7.7	1 Fork Length (mn	n): Bega	n: 10/16/2007 En	ded: 10	/16/2007	13,593
Comments: 250 ch						
DATA SOURCE: 2 LORNA WILSON (		R B-4. ADDED ANCE	ESTRAL STOCK AND CHAN	IGED STO	CK FROM BIG KI	TOI CR AS PER

Untagged Re	elease	Annual Report:	2007, SCHEDULE B-4		
Release ID Code:	!01072KRAA09	]			
General Information	tion				
Project Leader:	ARO	Species:	соно	Reari	ing Type: HATCHERY
Agency:	KRAA	Brood Year:	2006	Relea	ase Type: PRODUCTION
Division/Section:		Adult Run:		Ma	ark Type: NO MARK
Facility:	KITOI BAY	]		Thermal	Mark ID:
Donor Stock:	KITOI BAY H	Release Group:		Hato	ch Code:
Ancestral Stock:	LITTLE KITOI LK	FTP:		Experiment	tal Class:
Experimental Narra	ative: 250 characters ma	К.			
Untagged Releas	se Information				
Release S	Supervisor: ARO		Relea	se Stage: FED FF	RY
Re	lease Site: RUTH LK 2	52-30 (B)	Unmarked Counting	g Method: WEIGH	HT DERIVED
Anadromous	Stream #:		Expected	Survival: NORM	AL
Si	ze at Release		Release Dates	•	Total Fish Released
Weight (g): 1.2	3 Fork Length (mm)	: Bega	n: 07/20/2007 En	ded: 07/20/2007	30,000
Comments: 250 ch	aracters max.				
DATA SOURCE: 2 LORNA WILSON (		B-4. ADDED ANCE	STRAL STOCK AND CHAN	IGED STOCK FRO	M BIG KITOI CR AS PER

#### 2007 ANNUAL FISH CULTURE PRODUCTION REPORT

			KITOI BAY
Species	SOCKEYE	Donor Stock	SALTERY LK 259-41 Brood Year 2005
		Ancestral Stock	SALTERY LK 259-41
		Continued from	2006, B-6 to
A. Life Stage Infor	mation		
	Acutal Number	% cum survival	Annotate transfers between hatcheries, significant mortalities, or
	Acutal Number	% cum survivai	provide other descriptive comments.
1. Green Eggs	716,030	100	Eggs taken and incubated to eyed at PCH
2. Eyed Eggs	627,460	87.63	Eggs transferred from PCH to KBH
3. Emergent Fry	614,724	85.85	
4. Fed Fry			
5. Smolts	609,795	85.16	

#### B. Transfers, Morts, and Culls

Transfer Type	Date	Life Stage	FTP	Direction	Site/Discard Cause	Total
Transferred	9/16/2005	GREEN EGG		FROM	PILLAR CREEK H	716,030

Total Transfers, Morts, and Culls 716,030

#### C. Release Information

Release ID/ Tag Code	FTP	Ancestral Stock	Donor Stock	Site	Date Last Released	Life Stage	Total
!01074KRAA14			SALTERY LK 259-41	LITTLE KITOI LK 252-31	6/3/2007	SMOLT	402,911

Total Released 402,911

#### D. Other

10% (21,046) left ventrical fin clipped

Untagged Re	elease	Annual Report:	2007, SCHEDULE B-5					
Release ID Code:	!01074KRAA14							
General Informat	tion							
Project Leader:	ARO	Species:	SOCKEYE	Rearing Type:	HATCHERY			
Agency:	KRAA	Brood Year:	2005	Release Type:	PRODUCTION			
Division/Section:		Adult Run:		Mark Type:	NO MARK			
Facility:	KITOI BAY			Thermal Mark ID:				
Donor Stock:	SALTERY LK 259-41	Release Group:		Hatch Code:				
Ancestral Stock:		FTP:		Experimental Class:				
Experimental Narra	ative: 250 characters max.							
Untagged Releas	se Information							
Release S	Supervisor: ARO		Release	Stage: SMOLT				
Re	lease Site: LITTLE KITO	I LK 252-31	Unmarked Counting N	lethod: WEIGHT DERIV	ΈD			
Anadromous	Stream #: 252-31-10030	0-0010	Expected S	urvival: NORMAL				
Si	ze at Release		Release Dates		Total Fish Released			
Weight (g): 19.5	Fork Length (mm):	Began:	06/03/2007 Ende	d: 06/03/2007	402,911			
	Comments: 250 characters max.  DATA SOURCE: 2007 KITOL BAY AFCPR B-5							

#### 2007 ANNUAL FISH CULTURE PRODUCTION REPORT

Species	SOCKE	YE	Donor St	ck SA	LTERY LK 259-41		Brood Year	2006		
• '			 Ancestral St	ck 🔚						
			Continued f	om 200	06, A-4 to 20	008, B-6				
Life Stage Infor	mation									
	Acu	tal Number	% cum survival		notate transfers bet vide other descript	tween hatcheries, sig tive comments.	nificant morta	alities, or		
Green Eggs		719,54	3	00 Egg	Eggs taken and incubated to eye at PCH					
Eyed Eggs		632,94	3 87	96 Egg	Eggs transferred from PCH to KBH					
Emergent Fry		607,18	9 84	39						
			7	==						
Fed Fry		548,53	3   76	23						
Fed Fry Smolts	- and 6	548,53	<b>⊣</b>	23						
,	s, and C	548,53	<b>⊣</b>	= =	P Direction	Site/Discard C	ause	Total		
Smolts  Transfers, Mort	s, and C	548,53	3 76	23	P Direction FROM	Site/Discard C	ause			
Smolts  Transfers, Mort  Transfer Type		548,53 Culls	Life Stage  GREEN EGG	23 FT	FROM	1	ause			
Smolts  Transfers, Mort  Transfer Type ransferred		548,53 Culls	Life Stage  GREEN EGG	23 FT	FROM	PILLAR CREEK H	ause Life Stage			
Smolts  Transfers, Mort  Transfer Type ransferred  Release Inform  Release ID/	ation	548,53 Culls Date 9/12/20 Ancestral	Life Stage Of GREEN EGG Total Trans  Donor	FT ers, Mo	rts, and Culls	PILLAR CREEK H 719,543  Date Last		719,543		

Untagged Re	lease		Annual Report:	2007, SCHEDULE B-6				
Release ID Code:	!01074KR	AA16						
General Informat	tion							
Project Leader:	ARO		Species:	SOCKEYE		Rearing Type:	HATCHERY	
Agency:	KRAA		Brood Year:	2006		Release Type:	PRODUCTION	
Division/Section:			Adult Run:			Mark Type:	AD+RV	
Facility:	KITOI BAY	1			-	Thermal Mark ID:		
Donor Stock:	SALTERY	LK 259-41	Release Group:			Hatch Code:		
Ancestral Stock:			FTP:		Experimental Class			
Experimental Narra	ative: 250 ch	naracters max.						
Untagged Releas	se Informat	ion						
Release S	Supervisor:	ARO		Release	Stage:	PRESMOLT		
Re	lease Site:	LITTLE KITOI	LK 252-31	Unmarked Counting M	lethod:	WEIGHT DERIV	'ED	
Anadromous	Stream #:	252-31-10030-	-0010	Expected Su	urvival:	NORMAL		
Si	ze at Relea	se		Release Dates			Total Fish Released	
Weight (g): 7.6	5 Fork	Length (mm):	Began:	10/25/2007 Ended	d: 10/	/26/2007	14,248	
Comments: 250 ch	Comments: 250 characters max.							
DATA SOURCE: 2	2007 KITOI	BAY AFCPR B-6	6. THIS RELEASE	IS ALSO REPRESENTED B	Y !0108	4KRAA15 WHICH	WAS NOT MARKED.	

Untagged Release		Annual Report:	2007, SCHEDULE B-6				
Release ID Code:	!01074KR	AA15					
General Informat	tion						
Project Leader:	ARO		Species:	SOCKEYE		Rearing Type:	HATCHERY
Agency:	KRAA		Brood Year:	2006		Release Type:	PRODUCTION
Division/Section:			Adult Run:			Mark Type:	NO MARK
Facility:	KITOI BA	Y				Thermal Mark ID:	
Donor Stock:	SALTERY	LK 259-41	Release Group:			Hatch Code:	
Ancestral Stock:			FTP:	Experimental Class:			
Experimental Narra	ative: 250 cl	naracters max.					
Untagged Releas	se Informat	tion					
Release S	Supervisor:	ARO		Release	Stage:	PRESMOLT	
Re	lease Site:	LITTLE KITOI	LK 252-31	Unmarked Counting M	lethod:	WEIGHT DERIV	ΈD
Anadromous	Stream #:	252-31-10030-	-0010	Expected St	urvival:	NORMAL	
Si	ze at Relea	se		Release Dates			Total Fish Released
Weight (g): 7.6	5 Fork	Length (mm):	Began:	10/25/2007 Ende	d: 10	/26/2007	119,285
Comments: 250 ch							
DATA SOURCE: 2	2007 KITOI	BAY AFCPR B-	6. THIS RELEASE	IS ALSO REPRESENTED B	Y !0108	4KRAA16 WHICH	ł WAS AD+RV.

# Schedule C-1 2007 HARVEST MANAGEMENT AND HATCHERY ADULT RETURNS

Species CHUM	Donor Stock KITO	N BAY H	1	Proi	ect KITO	IRAV
	ncestral Stock STU			1 10,	oct in the	IDAI
	icestral otock of o	KOLONIK				
<ul><li>A. Hatchery Escapement</li><li>1. Cost-recovery (line 12a &amp; 12b): traditional harvest</li></ul>	and roo roosyony fic	h		11,280	ิ	
			24,739			
2. Adults sacrificed as broodstock (Schedule A line 8	,	/ IISII ( IZD)			≓	
<ol> <li>Escapement for hatchery watershed (as required i</li> <li>Jacks</li> </ol>	n permit)			2,000		
<ul><li>5. Other (annotate for each Other escapement return</li></ul>	)		Otherses			
o. Other (dimotate for each other escapement retain	,		Other escap			mortalities.
				,-	eft over fi	
C T						511.
6. Total hatchery escapement				46,693	3	
Other Comments						1
B. Common Property Harvest						
7. Commercial Harvest						
a. Troll					٦	
b. Gillnet					i	
c. Seine				209,446	3	
d. Other (annotate for each Other commercial retu	rn)		Other comn	nercial	Other cor	nmercial comment
Total Commercial Harvest				209,446	3	
8. Noncommercial Harvest				,	_	
a. Sport						
b. Personal Use						
c. Subsistence						
d. Other (annotate for each Other noncommercial	return)		Other noncon	nmercial C	ther nonc	ommercial comment
Total Noncommercial Harvest						
9. Total Common Property Harvest (sum 7 and 8)						209,446
0. Total Return (sum 6 and 9)						256,139
11. Estimated ocean survival by brood year		Brood	Total # in Run,	Cumulative		Complete Return
		Year	Current Year	Survival		(yes or no)
		2002	2,883		0.89	Yes
		2003	251,318 3,192		1.41	No No
T. 10 0 1 1		2004	3,192	057.00	 .1	NO
Total Ocean Survival				257,393	3]	
Harvest Comments						
12. Disposition of Hatchery Escapement		# fich cold	lha fiah			
a. Traditional harvest fish	adults	# fish sold 11,28	lbs fish 0 56,6	82		
a. Haulional halvest lish	jacks	11,20	56,6	02		
	total	11,28	0 56,6	82		
b. Roe-recovery fish	total	# fish	lbs fish		s roe	
	Sold	,,511				7
	Dontated					j
	Disposed					<b>¬</b>

	total number of fish				
c. Carcasses		# Sold	# Donated	# Disposed	Total
	Spawners [			24,739	24,739
	Other (annotate in comments)				
	total number of fish			24,739	24,739
	total pounds			179,853	179,853
Disposition Comments					

# Schedule C-2 2007 HARVEST MANAGEMENT AND HATCHERY ADULT RETURNS

						KITOI BAY
Species PINK	Donor Stock KIT	OI BAY H		Proje	ct KITOI	BAY
	Ancestral Stock BIG	KITOI CR				
A. Hatchery Escapement						
•	b): traditional harvest and roe-recovery	fish		1,673,338		
2. Adults sacrificed as broodsto	ock (Schedule A line 8) minus roe-recove	ery fish (12b)		283,337	1	
	itershed (as required in permit)	, , ,		10,000	╡	
4. Jacks	)			,	i	
5. Other (annotate for each Oth	ner escapement return)		Other escap	pement	Other esc	apement comment
						mortalities.
				25,000 Le		
6. Total hatchery escapemen	•			2,010,925	-	
Other Comments	•			2,010,320	1	
Circi Comments						
L	1					
7. Commercial Harvest						
a. Troll						
b. Gillnet					]	
c. Seine				6,211,529		
d. Other (annotate for each 0	Other commercial return)		Other comr	nercial	Other con	nmercial comment
<b>Total Commercial Harvest</b>				6,211,529		
8. Noncommercial Harvest						
a. Sport					]	
b. Personal Use				772		
c. Subsistence					]	
d. Other (annotate for each 0	Other noncommercial return)		Other noncor	nmercial O	ther nonce	ommercial comment
Total Noncommercial Harv	est			772		
9. Total Common Property Har	vest (sum 7 and 8)					6,212,301
0. Total Return (sum 6 and 9)						8,223,226
<ol> <li>Estimated ocean survival by</li> </ol>	brood year		Total # in Run,	Cumulative		Complete Return
		Year	Current Year	Survival	` '	(yes or no)
		2005	8,233,226		7.11	Yes
Total Ocean Survival				8,233,226	1	
Harvest Comments						
2. Disposition of Hatchery Es	scapement	"6"				
- To- 494 1 1 4 41- 1-	- 40.06	# fish sold	lbs fish	_		
a. Traditional harvest fish	adults _	1,673,338		_		
	jacks _	1.670.000		$\dashv$		
h Dan wannyamy finh	total	1,673,338	JL			
b. Roe-recovery fish	وجاء	# fish	lbs fish	Ibs	roe	٦
	Sold _ Dontated			_		4
	Disposed			$\dashv$		1
	total number of fish			_		i

c. Carcasses		# Sold	# Donated	# Disposed	Total
	Spawners			283,337	283,337
	Other (annotate in comments)				
	total number of fish			283,337	283,337
	total pounds			1,184,349	1,184,349
Disposition Comments					

# Schedule C-3 2007 HARVEST MANAGEMENT AND HATCHERY ADULT RETURNS

						KITOI BAY
Species COHO Donor Stock KITO	I BAY H			Pro	ject KITC	OI BAY
Ancestral Stock BUS	KIN+L KITC	)I LK				
A. Hatchery Escapement				_		
Cost-recovery (line 12a & 12b): traditional harvest and roe-recovery	ry fish					
2. Adults sacrificed as broodstock (Schedule A line 8) minus roe-rec	-	12b)		4,736		
3. Escapement for hatchery watershed (as required in permit)	, ,	,		,		
4. Jacks						
5. Other (annotate for each Other escapement return)			Other escap	pement C	ther esca	pement comment
						altwater mortality.
6 Total hatchery accomment						antirate. mertamy.
6. Total hatchery escapement Other Comments				5,210		
Other Comments						
B. Common Property Harvest						
7. Commercial Harvest						
a. Troll						
b. Gillnet						
c. Seine				125,781		
d. Other (annotate for each Other commercial return)			Other comm		Other com	mercial comment
Total Commercial Harvest				125,781	J	
8. Noncommercial Harvest				125,761		
a. Sport				50		
b. Personal Use				474		
c. Subsistence				4/4		
d. Other (annotate for each Other noncommercial return)						
·			Other noncon		ner nonco	mmercial comment
Total Noncommercial Harvest				524		
9. Total Common Property Harvest (sum 7 and 8)						126,305
0. Total Return (sum 6 and 9)						131,515
11. Estimated ocean survival by brood year			Total # in Run,	Cumulative (		Complete Return
	_	Year	Current Year	Survival (	-	(yes or no)
	<u> </u>	2004	131,515		13.47	Yes
Total Ocean Survival				131,515		
Harvest Comments						
12. Disposition of Hatchery Escapement						
	# fish	sold	lbs fish	_		
a. Traditional harvest fish adult				_		
jack				_		
b. Roe-recovery fish	# fis	·h	lL lbs fish	l lbs	roe	
b. Roe-recovery lish		511	ווצוו צמו	IDS	106	
Dontate				_		
Dispose				_		
total number of fis						
c. Carcasses	# Sc	old	# Donated	# Disp	osed	Total
Spawner	s				4,736	4,736

Other (annotate in comments)			
total number of fish		4,736	4,736
total pounds		33,436	33,436

**Disposition Comments** 

# Schedule C-4 2007 HARVEST MANAGEMENT AND HATCHERY ADULT RETURNS

						KITOI BAY
	Species SOCKEYE	Donor Stock SALT	TERY LK 259-	41	Projec	t KITOI BAY
	An	cestral Stock SALT	TERY LK 259-	41		
A.	Hatchery Escapement					
1.	Cost-recovery (line 12a & 12b): traditional harvest	and roe-recovery fis	sh		455	
2.	Adults sacrificed as broodstock (Schedule A line 8	) minus roe-recover	y fish (12b)			
3.	Escapement for hatchery watershed (as required	n permit)			1,870	
4.	Jacks					
5.	Other (annotate for each Other escapement return	n)		Other esca	pement Other	escapement comment
6.	Total hatchery escapement				2,325	
	Other Comments					
	Common Property Harvest					
1.	Commercial Harvest a. Troll					
	b. Gillnet					
	c. Seine				33,088	
	d. Other (annotate for each Other commercial retu	rn)		Other com		commercial comment
	Total Commercial Harvest	,		Canor com	33,088	commorcial common
8	Noncommercial Harvest				55,000	
٠.	a. Sport				115	
	b. Personal Use				162	
	c. Subsistence					
	d. Other (annotate for each Other noncommercial	return)		Other noncor	mmercial Other n	oncommercial comment
	Total Noncommercial Harvest				277	
9	Total Common Property Harvest (sum 7 and 8)					33,365
	Total Return (sum 6 and 9)					35,690
	Estimated ocean survival by brood year		Brood	Total # in Run,	Cumulative Ocea	
			Year	Current Year	Survival (%)	(yes or no)
			2002	11,403	18	8.8 Yes
			2003	23,089		8.8 No
			2004	921		0.3 No
	Total Ocean Survival				35,413	
	Harvest Comments					
12.	Disposition of Hatchery Escapement		# fiele e el d	lle e fiele		
	a. Traditional harvest fish	adults	# fish sold 45	lbs fish	432	
	a. Hautional harvest lish	jacks	40	2,	432	
		total	45	5 2,	432	
	b. Roe-recovery fish		# fish	lbs fish	lbs roe	
	,	Sold		1		
		Dontated				
		Disposed				
		al number of fish				
	c. Carcasses		# Sold	# Donated	# Dispose	d Total

Spawners[		
Other (annotate in comments)		
total number of fish		
total pounds		
Disposition Comments		

### Schedule D-1 **PROJECTED RETURNS FOR 2008**

#### KITOI BAY

Run	Species	First Brood Year	Last Brood Year	Release Site	Total number of fish expected	Range of expected return		
					Total number of fish expected	minimum	maximum	
	CHUM			KITOI BAY 252-31	250,310	167,708	332,912	
СНИМ					250,310	167,708	332,912	
	соно			CRESCENT LK 252-36 (B)	2,428	1,821	3,035	
	соно			JENNIFER LK 252-31 (B)	3,999	2,679	5,318	
	соно			KATMAI LK 259-10	750	563	938	
	соно			KITOI BAY 252-31	159,345	138,037	208,266	
	соно			RUTH LK 252-30 (B)	618	414	822	
соно					167,140	143,514	218,379	
	PINK			KITOI BAY 252-31	4,283,106	2,814,117	5,780,056	
PINE	PINK			4,283,106	2,814,117	5,780,056		
	SOCKEYE			LITTLE KITOI LK 252-31	55,624	37,082	74,165	
SOCKEYE				55,624	37,082	74,165		

**COMMENTS:** Please provide additional information on ocean-survival calculations (i.e. percentages used, etc.)

# Schedule F-1 2007 HARVEST MANAGEMENT AND HATCHERY ADULT RETURNS

						KITOI BAY
	Species COHO Donor Stock	ς			Project KITOI I	BAY
	Ancestral Stock	۲				
	Continued from	2006, C-52				
Α.	Hatchery Escapement					
	Cost-recovery (line 12a & 12b): traditional harvest and roe-recovery	fish			16,062	
	Adults sacrificed as broodstock (Schedule A line 8) minus roe-recove				1,713	
	Escapement for hatchery watershed (as required in permit)	, ,				
	Jacks					
5.	Other (annotate for each Other escapement return)		Other e	scapemen	t Other esc	apement comment
				3,9	970	
6.	Total hatchery escapement				21,745	
	Other Comments				,	
В.	Common Property Harvest					
7.	Commercial Harvest					
	a. Troll					
	b. Gillnet					
	c. Seine			1	52,143	
	d. Other (annotate for each Other commercial return)		Other	commercia	I Other con	nmercial comment
	Total Commercial Harvest			1	52,143	
8.	Noncommercial Harvest					
	a. Sport				527	
	b. Personal Use				716	
	c. Subsistence					
	d. Other (annotate for each Other noncommercial return)		Other no	ncommerc	ial Other nonce	ommercial comment
	Total Noncommercial Harvest				1,243	
9.	Total Common Property Harvest (sum 7 and 8)					153,386
10.	Total Return (sum 6 and 9)					175,131
11.	Estimated ocean survival by brood year	Brood	Total # in Ru	n, Cum	nulative Ocean	Complete Return
		Year	Current Yea	ar S	Survival (%)	(yes or no)
		2003	175,	131	17.4	Yes
	Total Ocean Survival			1	75,131	
	Harvest Comments					
12.	Disposition of Hatchery Escapement					
		# fish sold	lbs fi			
	a. Traditional harvest fish adults	16,062	2 1	28,536		
	jacks[	40.000		00.500		
	total	16,062		28,536		
	b. Roe-recovery fish Sold	# fish	lbs fi	SI)	lbs roe	٦
	Sold □ Dontated □		1			╡
	Disposed [		╁	<del></del>		1
	total number of fish		1	-		i
	c. Carcasses	# Sold	# Dona	ated	# Disposed	Total

Spawners		
Other (annotate in comments)		
total number of fish		
total pounds		
Disposition Comments		