2008 ANNUAL REPORT ALASKAN SALMON HATCHERY

Year ending December 15, 2008

	real ending December 16, 2000	
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	2008	СНИМ	STURGEON R	BIG KITOI CR	27,078,083	27,078,083	23,893,864
2	2008	PINK	BIG KITOI CR	BIG KITOI CR	190,486,032	190,486,032	166,062,646
3	2008	соно	LITTLE KITOI LK	KITOI BAY H	2,282,901	2,282,901	1,952,568
4	2008	SOCKEYE	SALTERY LK 259-41	SALTERY LK 259-41		615,274	529,335

Schedule B - Section A - Life Stage Information

ID	Brood Year	Species	Ancestral Stock	Donor Stock	Green	Eyed	Emg Fry	Fed Fry	Smolt
1	2007	CHUM	STURGEON R	KITOI BAY H	27,942,625	23,910,178	21,690,168	21,690,168	
2	2007	PINK		BIG KITOI CR	189,970,176	159,098,808	144,920,820	144,920,820	
3	2007	соно	LITTLE KITOI LK	KITOI BAY H	2,291,688	1,949,955	1,545,695	1,443,399	1,047,265
4	2006	соно	LITTLE KITOI LK	KITOI BAY H	2,355,151	1,950,000	1,450,000	1,450,000	991,498
5	2007	SOCKEYE		SALTERY LK 259-41	553,451	553,451	546,799	546,799	533,459
6	2006	SOCKEYE		SALTERY LK 259-41	719,543	632,943	607,189		547,909

Schedule B - Section C - Release

ID	Release ID/Tag Code	Brood Year	Species	Ancestral Stock	Donor Stock	Site	Total Released
3	!01082KRAA08	2007	соно	LITTLE KITOI LK	KITOI BAY H	CRESCENT LK 252-36 (B)	165,479
3	!01082KRAA07	2007	соно	LITTLE KITOI LK	KITOI BAY H	JENNIFER LK 252-31 (B)	200,655
3	!01082KRAA09	2007	соно	LITTLE KITOI LK	KITOI BAY H	KATMAI CR 259-10	27,265
3	!01082KRAA06	2007	соно	LITTLE KITOI LK	KITOI BAY H	RUTH LK 252-30 (B)	30,000
4	!01082KRAA10	2006	соно	LITTLE KITOI LK	KITOI BAY H	KITOI BAY 252-31	991,498
5	!01084KRAA11	2007	SOCKEYE		SALTERY LK 259-41	LITTLE KITOI LK 252-31	104,529
5	!01084KRAA13	2007	SOCKEYE		SALTERY LK 259-41	LITTLE KITOI LK 252-31	11,930
6	!01084KRAA12	2006	SOCKEYE		SALTERY LK 259-41	LITTLE KITOI LK 252-31	414,376
1	!01085KRAA01	2007	СНИМ	STURGEON R	KITOI BAY H	KITOI BAY 252-31	21,690,168
2	!01086KRAA01	2007	PINK		BIG KITOI CR	KITOI BAY 252-31	144,920,820

Schedule C - Return

ID	Species	Ancestral Stock	Donor Stock	Project	Cost Recovery	Comm Property	Total Return
1	CHUM	STURGEON R	KITOI BAY H	KITOI BAY	717	92,308	129,035
2	PINK	BIG KITOI CR	KITOI BAY H	KITOI BAY	1,694,647	423,745	2,482,678
3	СОНО	BIG KITOI CR	KITOI BAY H	KITOI BAY	3,823	116,843	129,398
4	SOCKEYE	SALTERY LK 259-41	KITOI BAY H	KITOI BAY	4,275	62,343	70,118

Schedule F - Return

ID	Species	Stock	Project	Cost Recovery	Comm Property	Total Return
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Schedule A-1 2008 ANNUAL BROODSTOCK AND INITIAL SURVIVAL REPORT

									KITOI BAY	
		Contin	ued to	2009, B-1						
1.	Species			СНИМ						
2.	Donor stock			BIG KITOI C	R					
3.	Ancestral stock			STURGEON	I R					
4.	Viable broodstock (spar	wned, eggs in incub	oators)		13,721	females	8,124	males	21,845 total	
5.	Inviable broodstock (gre	een/over-ripe/bad)			471	females		males	471 total	
6.	Unspawned fish (roe re	covery, excess mal	es)		3,185	<u> </u>				
7.	Holding mortalities (rac	eway, pen mortalitie	es)		2,509					
8.	Adults sacrificed for bro	odstock (sum 4 thr	u 7)		28,010					
9.	Average length and we	ight of adults used t	for broc	dstock						
		Fe	emales]mm [kg		
		Males] mm [kg			
10.	Average fecundity (egg	s/female)			1,973	☐ Ove	rride auto calculatio	n		
11.	Egg-take dates (first da	te)		07/	16/2008	ĺ				
12.	Egg-take dates (last da	te)		08/	08/02/2008					
13.	Number of green eggs	taken		27,	078,083	ĺ				
14-16.	Transfers, Morts, and C	Culls								
	Transfer Type	Date	Li	fe Stage	FTP	Directio	n Site/Disc	ard Cause	Total	
	Culled	12/31/2008	EYED I	EGG			Excess dispose	b	1,990,000	
						Total	Transfers, Morts, an	d Culls	-1,990,000	
17.	Number of green eggs	retained in hatchery	/	27,	078,083]				
18.	Number remaining in ha	atchery at eyed stag	ge	23,	893,864	88.241	% survival 🔲 Ove	erride auto	calculation	
19.	Describe procedures us	sed for egg takes ar	nd eval	uation of in-h	atchery s	survivals:				
	Upated per 09 AR.									
		Ente	red By	LIWILSON			Date Last Modified	3/14/2022	10:59:29 AM	

Schedule A-2 2008 ANNUAL BROODSTOCK AND INITIAL SURVIVAL REPORT

										K	ITOI BAY
		Co	ontinued to	2009, B-2	2						
1.	Species			PINK			_				
2.	Donor stock			BIG KITC	OI CR						
3.	Ancestral stock			BIG KITC	BIG KITOI CR						
4.	Viable broodstock (spawne	d, eggs in i	ncubators)		136,679	females		61,376	males	198,	055 total
5.	Inviable broodstock (green/	over-ripe/b	ad)		5,336	females			males	5,	336 total
6.	Unspawned fish (roe recov	ery, excess	males)		73,233]					
7.	Holding mortalities (racewa	y, pen mort	alities)		27,662]					
8.	Adults sacrificed for broods	tock (sum 4	1 thru 7)		304,286]					
9.	Average length and weight	of adults us	sed for broo	dstock		•					
			Females] mm			kg		
		Males] mm			kg			
10.	Average fecundity (eggs/fe	male)			1,394		erride	auto calculatio	n		
11.	Egg-take dates (first date)				09/01/2008]					
12.	Egg-take dates (last date)				09/19/2008]					
13.	Number of green eggs take	n:		1	90,486,032]					
14-16.	Transfers, Morts, and Culls										
	Transfer Type	Date	Life St	age	FTP	Direction	n	Site/[Discard C	ause	Total
						Tota	l Trans	sfers, Morts, an	d Culls		
17.	Number of green eggs reta	ined in hatc	hery	1	90,486,032]			•		
18.	Number remaining in hatch	ery at eyed	stage	1	66,062,646	87.178	% sur	vival 🛮 Ove	erride au	to calculation	
19.	Describe procedures used	for egg take	es and eval	uation of i	n-hatchery	survivals:	•				
	Per 09 AR.										
		E	Entered By	LIWILSO	N]	Date	Last Modified	3/14/20)22 10:59:40 AM	

Schedule A-3 2008 ANNUAL BROODSTOCK AND INITIAL SURVIVAL REPORT

										r	KITOLI	BAY
		Co	ntinued to	2009, B-3								
1.	Species			соно								
2.	Donor stock			KITOI BAY H	1							
3.	Ancestral stock			LITTLE KITOI LK								
4.	Viable broodstock (spawne	d, eggs in iı	ncubators)		777	females		828	males	1	,605	total
5.	Inviable broodstock (green/	over-ripe/ba	ad)		145	females			males		145	total
6.	6. Unspawned fish (roe recovery, excess males)				3,802	ĺ						
7.	Holding mortalities (racewa	y, pen mort	alities)		180	ĺ						
8.	Adults sacrificed for broods	tock (sum 4	thru 7)		5,732							
9.	Average length and weight	of adults us	sed for broo	dstock		•						
	Females					mm			kg			
		Males			mm			kg				
10.	Average fecundity (eggs/fe	male)			2,938	□ ov	erride	auto calculatio	n			
11.	Egg-take dates (first date)			11/	06/2008							
12.	Egg-take dates (last date)			11/	06/2008							
13.	Number of green eggs take	n		2,:	282,901							
14-16.	Transfers, Morts, and Culls											
	Transfer Type	Date	Life St	age F	TP	Directio	n	Site/[Discard C	ause	Tota	ıl
						Tota	l Trans	fers, Morts, an	d Culls			
17.	Number of green eggs reta	ined in hatc	hery	2,3	282,901							
18.	Number remaining in hatch	ery at eyed	stage	1,	952,568	85.530	% sur	vival 🛮 Ove	rride au	to calculation		
19.	Describe procedures used	for egg take	s and eval	uation of in-h	atchery s	survivals:						
	Updated Per 09 AR.											
		E	Entered By	LIWILSON			Date	Last Modified	3/14/20	022 3:06:19 PM		

Schedule A-4 2008 ANNUAL BROODSTOCK AND INITIAL SURVIVAL REPORT

									KITOI BAY
		Continu	ed to	2009, 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	itors)			females	males		total
5.	Inviable broodstock (gre	en/over-ripe/bad)				females	males		total
6.	Unspawned fish (roe red	covery, excess male	s)						
7.	Holding mortalities (race	eway, pen mortalities	s)						
8.	Adults sacrificed for broad	odstock (sum 4 thru	7)						
9.	Average length and weight	ght of adults used fo	r broo	dstock					
		Fer	nales			mm	kg		
		N	/lales			mm	kg		
10.	Average fecundity (eggs	s/female)				☐ Override a	nuto calculation		
11.	Egg-take dates (first dat	te)							
12.	Egg-take dates (last dat	e)							
13.	Number of green eggs t	aken							
14-16.	Transfers, Morts, and C	ulls							
	Transfer Type	Date		Life Stage	FTP	Direction	Site/Discard Ca	ause	Total
	Transferred	12/31/2008	EYED	EGG		FROM	PILLAR CREEK H		615,274
						Total Transf	ers, Morts, and Culls		615,274
17.	Number of green eggs r	etained in hatchery		6	615,274				
18.	Number remaining in ha	tchery at eyed stage)	5	529,335	86.032 % surv	/ival □ Override au	uto calculati	on
19.	Describe procedures us	ed for egg takes and	d eval	uation of in-ha	tchery s	urvivals:			
	Updated per 2010 AR. I	EE xfered from PCH							
		Entere	ed By	MESTOPHA		Date	Last Modified 8/30/2	018 1:58:22	PM

2008 ANNUAL FISH CULTURE PRODUCTION REPORT

												KITOI BAY
Species	CHUN	1		Donor St	tock	KIT	OI BAY H			Brood Y	′ear [2	2007
				Ancestral St	tock	STI	JRGEON R					
				Continued	from	200	7, A-1	to				
A. Life Stage Info	rmatio	n										
	Ac	utal N	Number	% cum survival					etween hatcherie tive comments.	s, significant r	nortal	lities, or
1. Green Eggs		2	27,942,625		100							
2. Eyed Eggs		2	23,910,178	8:	5.57							
3. Emergent Fry	Emergent Fry 21,690,168 77.				7.62							
4. Fed Fry	Fry 21,690,168 77.				7.62							
5. Smolts												
B. Transfers, Mort	•		Date	Life Stage	FT	 P	Direction	T	Site/Discard	Cause		Total
Culled			8/1/2007	EYED EGG				ı	Excess disposed			1,600,000
C. Release Inform	ation			Total Trans	sfers	Mor	ts, and Culls	-1	1,600,000			
Release ID/ Tag Code		FTP	Ancestra Stock	l Donor Stock			Site		Date Last Released	Life Stage		Total
!01085KRAA01				BIG KITOI CR	K	ITOI	BAY 252-31		5/27/2008	FED FRY		21,690,168
				Total Re	eleas	ed [2	21,690,168					
D. Other												

Untagged Release	Annual Report:	2008, SCHEDULE B-1		
Release ID Code: 101085KRAA01]			
General Information				
Project Leader: ARO	Species:	СНИМ	Rearing Type:	HATCHERY
Agency: KRAA	Brood Year:	2007	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 ma	ax.			
Untagged Release Information				
Release Supervisor: ARO		Relea	ase Stage: FED FRY	
Release Site: KITOI BAY	′ 252-31	Unmarked Countin	•	Т
Anadromous Stream #:		Expected	d Survival: NORMAL	
Size at Release		Release Dates	s	Total Fish Released
Weight (g): 1.94 Fork Length (mm	n): Bega	an: 05/27/2008 Er	nded: 05/27/2008	21,690,168
Comments: 250 characters max. DATA SOURCE: 2008 KITOLBAY AFCEP	2.5.4			

https://mtalab.adfg.alaska.gov/FMPD/ReleaseReport.aspx?rid=324

2008 ANNUAL FISH CULTURE PRODUCTION REPORT

								KITOI BAY
Species	PINK		Donor Stock	BIG	KITOI CR		Brood Ye	ear 2007
			Ancestral Stock					
			Continued from	2007	7, A-2 to			
A. Life Stage Infor	mation							
	Acutal I	Number	% cum survival			oetween hatcheri iptive comments.		ortalities, or
1. Green Eggs	1	89,970,176	100					
2. Eyed Eggs	1	59,098,808	83.75					
3. Emergent Fry	1	44,920,820	76.29					
4. Fed Fry	1	44,920,820	76.29					
5. Smolts								
B. Transfers, Mort	s, and Culls	S Date	Life Stage F	TP	Direction	Site/Discard	d Cause	Total
Culled		12/31/2007	EYED EGG		2	Excess disposed	- 0000	20,400,000
C. Release Inform	ation		Total Transfers	, Mort	s, and Culls -2	20,400,000		
Release ID/ Tag Code	FTP	Ancestral Stock	Donor Stock		Site	Date Last Released	Life Stage	Total
!01086KRAA01			BIG KITOI CR KI	TOI B/	AY 252-31	5/27/2008	FED FRY	144,920,820
D. Other			Total Release	;d 144	4,920,820			

Untagged Re	elease		Annual Report:	2008, SCHEDULE B-2]		
Release ID Code:	!01086KR	AA01					
General Information	tion						
Project Leader:	ARO		Species:	PINK]	Rearing Type:	HATCHERY
Agency:	KRAA		Brood Year:	2007	j	Release Type:	PRODUCTION
Division/Section:			Adult Run:]	Mark Type:	NO MARK
Facility:	KITOI BAY	1				Thermal Mark ID:	
Donor Stock:	BIG KITO	CR	Release Group:]	Hatch Code:	
Ancestral Stock:			FTP:] Ex	perimental Class:	
Experimental Narra	ative: 250 ch	naracters ma	ax.				
Untagged Releas	se Informat	ion					
Release S	Supervisor:	ARO		Rele	ase Stage:	FED FRY	
Re	lease Site:	KITOI BAY	252-31	Unmarked Countir	ng Method:	ACTUAL COUN	Γ
Anadromous	Stream #:			Expecte	d Survival:	NORMAL	
Si	ze at Relea	se		Release Date	es		Total Fish Released
Weight (g): 0.6	4 Fork	Length (mm): Bega	an: 05/27/2008 E	nded: 05	/27/2008	144,920,820
Comments: 250 ch							
DATA SOURCE: 2	2008 KITOI	BAY AFCPF	R B-2.				

2008 ANNUAL FISH CULTURE PRODUCTION REPORT

													KITOI BAY
Species	соно		1	Donor	Stock	KITO	KITOI BAY H				Brood Year	2007	
_			_	Ancestral	Stock	LITTL	E KITOI L	.K					
				Continued	d from	2007,	A-3	to	5	2009, B-4			
A. Life Stage Infor	mation							_					
	Acu	ıtal Number	(% cum surviv	al					etween ha ptive comr		nificant mort	alities, or
1. Green Eggs		2,291,688	3		100								
2. Eyed Eggs		1,949,955	5		85.09								
3. Emergent Fry		1,545,695	5		67.45								
4. Fed Fry		1,443,399			62.98								
5. Smolts		1,047,265	<u> </u>		45.70								
B. Transfers, Morts Transfer Type		Date Date	L	ife Stage Total Tra	FT nsfers		Direction, and Culls	_			Site/Discard (Cause	Total
C. Release Informa	ation												
Release ID/ Tag Code	FTP	Ancestra Stock	I	Donor Stock			Site				Date Last Released	Life Stage	Total
!01082KRAA08		LITTLE KITOI L	K	KITOI BAY H	С	RESCE	NT LK 252-3	36 (B	3)		7/8/2008	FED FRY	165,479
!01082KRAA07		LITTLE KITOI L	K	KITOI BAY H	JI	ENNIFE	R LK 252-31	1 (B)			7/8/2008	FED FRY	200,655
!01082KRAA09		LITTLE KITOI L	K	KITOI BAY H	K	ATMAI C	R 259-10				10/10/2008	PRESMOLT	27,265
!01082KRAA06		LITTLE KITOI L	K	KITOI BAY H	R	UTH LK	252-30 (B)				7/8/2008	FED FRY	30,000
D. Other				Total I	Relea	sed	423,399						

Untagged Re	elease	Annual Report:	2008, SCHEDULE B-3]				
Release ID Code:	!01082KRAA08]						
General Informa	tion							
Project Leader:	ARO	Species:	СОНО	Rear	ring Type: HATCHERY			
Agency:	KRAA	Brood Year:	2007	Relea	ase Type: PRODUCTION			
Division/Section:		Adult Run:] м	lark Type: NO MARK			
Facility:	KITOI BAY]		- Thermal	I Mark ID:			
Donor Stock:	KITOI BAY H	Release Group:		Hat	tch Code:			
Ancestral Stock:	LITTLE KITOI LK	FTP:		Experimen	ntal Class:			
Experimental Narra	ative: 250 characters ma	x.						
Untagged Releas	se Information							
Release S	Supervisor: ARO		Relea	se Stage: FED F	RY			
Re	lease Site: CRESCEN	Γ LK 252-36 (B)	Unmarked Counting	g Method: WEIGH	HT DERIVED			
Anadromous	Stream #:		Expected	Survival: NORM	IAL			
Si	ze at Release		Release Dates	S	Total Fish Released			
Weight (g): 0.7	1 Fork Length (mm)	: Bega	n: 07/08/2008 En	ded: 07/08/2008	8 165,479			
Comments: 250 characters max.								
DATA SOURCE: 2008 KITOI BAY AFCPR B-3. ADDED ANCESTRAL STOCK AND CHANGED STOCK FROM BIG KITOI CR AS PER LORNA WILSON (JE 3/16/22)								

Untagged Re	elease	Annual Report:	2008, SCHEDULE B-3			
Release ID Code:	!01082KRAA07]				
General Informa	tion					
Project Leader:	ARO	Species:	СОНО		Rearing Type:	HATCHERY
Agency:	KRAA	Brood Year:	2007		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: JENNIFER	LK 252-31 (B)	Unmarked Counting	g Method:	WEIGHT DERIV	ED
Anadromous	Stream #:		Expected	Survival:	NORMAL	
Si	ze at Release		Release Dates	i		Total Fish Released
Weight (g): 0.8	7 Fork Length (mm)	: Bega	n: 07/08/2008 En	ded: 07/	/08/2008	200,655
Comments: 250 ch	aracters max.					
DATA SOURCE: 2 LORNA WILSON (B-3. ADDED ANCE	STRAL STOCK AND CHAN	IGED STO	CK FROM BIG KI	TOI CR AS PER

Untagged Re	elease	Annual Report:	2008, SCHEDULE B-3]		
Release ID Code:	!01082KRAA09					
General Informa	tion					
Project Leader:	ARO	Species:	СОНО]	Rearing Type:	HATCHERY
Agency:	KRAA	Brood Year:	2007]	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	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 #: 259-10-100	070	Expected	l Survival:	NORMAL	
Si	ze at Release		Release Dates	3		Total Fish Released
Weight (g): 7.7	8 Fork Length (mm): Bega	n: 10/10/2008 En	ded: 10	/10/2008	27,265
Comments: 250 ch	aracters max.					
DATA SOURCE: 2 LORNA WILSON (R B-3. ADDED ANCE	ESTRAL STOCK AND CHAN	IGED STO	CK FROM BIG KI	TOI CR AS PER

Untagged Re	elease	Annual Report:	2008, SCHEDULE B-3]		
Release ID Code:	!01082KRAA06]				
General Informa	tion					
Project Leader:	ARO	Species:	СОНО]	Rearing Type:	HATCHERY
Agency:	KRAA	Brood Year:	2007]	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	х.				
Untagged Releas	se Information					
Release S	Supervisor: ARO		Relea	se Stage:	FED FRY	
Re	lease Site: RUTH LK 2	52-30 (B)	Unmarked Counting	g Method:	WEIGHT DERIV	ED
Anadromous	Stream #:		Expected	l Survival:	NORMAL	
Si	ze at Release		Release Dates	3		Total Fish Released
Weight (g): 0.8	7 Fork Length (mm)	: Bega	n: 07/08/2008 En	ded: 07	/08/2008	30,000
Comments: 250 ch	aracters max.					
DATA SOURCE: 2 LORNA WILSON (B-3. ADDED ANCE	ESTRAL STOCK AND CHAN	IGED STO	CK FROM BIG KI	TOI CR AS PER

2008 ANNUAL FISH CULTURE PRODUCTION REPORT

											KITOI BA
Species	соно]	Donor Stock	KITOI BAY H					Brood Year	2006
			An	cestral Stock	LITTLE KITOI L	.K					
			C	continued from	2007, B-4	to	٦				
A. Life Stage Info	rmation						Ī				
	Acuta	al Number	% cun	n survival	Annotate trans provide other d			tween hatcherie tive comments.	s, sig	gnificant mort	alities, or
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		1,450,000		61.57							
5. Smolts		991,498		42.10							
B. Transfers, Mor		ulls Date	Life Sta	ge FT	P Directio	on.		Site/Di	scard (Cause	Total
Transfer Ty		Buto		9-	, Morts, and Culls	_			- Coura		Total
C. Release Inform	nation				, more, and cane			Batal		I	
Release ID/ Tag Code	FTP		estral ock	Donor Stock		Site		Date L Releas		Life Stage	Total
!01082KRAA10		LITTLE KITC	I LK	KITOI BAY H	KITOI BAY 2	52-31	1	6/5	/2008	SMOLT	991,498
D. Other				Total Releas	ed 991,498						

Untagged Re	elease	Annual Report:	2008, SCHEDULE B-4]		
Release ID Code:	!01082KRAA10]				
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 ma	х.				
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	ize at Release		Release Dates	5		Total Fish Released
Weight (g): 16.	Fork Length (mm): Bega	an: 06/05/2008 En	ided: 06	/05/2008	991,498
Comments: 250 ch						
DATA SOURCE: 2 LORNA WILSON (B-4. ADDED ANCE	ESTRAL STOCK AND CHAN	IGED STO	CK FROM BIG KI	TOI CR AS PER

2008 ANNUAL FISH CULTURE PRODUCTION REPORT

										KITOI BA
Species	SOCKE	YE		Donor Stock	SALTE	RY LK 259	-41		Brood Year	2007
				Ancestral Stock	(<u> </u>					
				Continued from	2007,	\-4	to 20	09, B-6		
A. Life Stage Info	rmation									
	Acu	tal Number		% cum survival				ween hatcheries, ive comments.	significant mort	talities, or
1. Green Eggs		553,4	51	100						
2. Eyed Eggs		553,45	51	100						
3. Emergent Fry		546,79	99	98.80						
4. Fed Fry		546,79	99	98.80						
5. Smolts		533,45	59	96.39	i —					
B. Transfers, Mor		Date		Life Stage	FTP	Directi	on	Site/Discare	-	Total
Transferred		12/31/	2007	EYED EGG		FROM		PILLAR CR 259-10		553,451
C. Release Inform	nation			Total Transfer	s, Morts,	and Culls [553,451		
Release ID/ Tag Code	FTP	Ancestral Stock		Donor Stock		Site		Date Last Released	Life Stage	Total
!01084KRAA13			SALT	TERY LK 259-41	LITTLE K	ITOI LK 252	-31	10/18/20	08 PRESMOLT	11,930
!01084KRAA11			SALT	TERY LK 259-41	LITTLE K	ITOI LK 252	-31	10/18/20	08 PRESMOLT	104,529
D. Other				Total Relea	sed	116,459				

Untagged Re	elease	Annual Report:	2008, SCHEDULE B-5				
Release ID Code:	!01084KRAA13]					
General Informat	tion						
Project Leader:	ARO	Species:	SOCKEYE		Rearing Type:	HATCHERY	
Agency:	KRAA	Brood Year:	2007		Release Type:	PRODUCTION	
Division/Section:		Adult Run:			Mark Type:	AD+RV	
Facility:	KITOI BAY]			Thermal Mark ID:		
Donor Stock:	SALTERY LK 259-41	Release Group:			Hatch Code:		
Ancestral Stock:		FTP:		Ex	perimental Class:		
Experimental Narra	ative: 250 characters max.						
Untagged Releas	se Information						
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 Release		Release Dates			Total Fish Released	
Weight (g): 8.04 Fork Length (mm):		Began:	10/17/2008 Ended	d: 10	/18/2008	11,930	
Comments: 250 characters max.							
DATA SOURCE: 2	2008 KITOI BAY AFCPR B-	5. THIS RELEASE	IS ALSO REPRESENTED B	Y !0108	4KRAA11 WHICH	WAS NOT MARKED.	

Untagged Re	elease		Annual Report:	2008, SCHEDULE B-5						
Release ID Code:	!01084KR	AA11]							
General Informat	tion									
Project Leader:	ARO		Species:	SOCKEYE	Rearing Type	HATCHERY				
Agency:	KRAA		Brood Year:	2007	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					
Untagged Releas	Experimental Narrative: 250 characters max. Untagged Release Information									
Release S	Supervisor:	ARO		Release	Stage: PRESMOLT					
Re	lease Site:	LITTLE KITOI	LK 252-31	Unmarked Counting M	lethod: WEIGHT DERIN	/ED				
Anadromous	Stream #:	252-31-10030-	-0010	Expected St	urvival: NORMAL					
Weight (g): 8.0	ze at Relea	se Length (mm):	Began:	Release Dates 10/17/2008 Ender	d: 10/18/2008	Total Fish Released 104,529				
Comments: 250 ch	aracters ma	ax.								
DATA SOURCE: 2	2008 KITOI	BAY AFCPR B-	5. THIS RELEASE	IS ALSO REPRESENTED B	Y !01084KRAA13 WHIC	H WAS AD+RV.				

2008 ANNUAL FISH CULTURE PRODUCTION REPORT

										KITOI BAY	
Species	SOCKE	ſΕ	Donor Stock	SALTE	SALTERY LK 259-41				Brood Year	2006	
•			Ancestral Stock								
			Continued from	2007, B	i-6 t	to					
A. Life Stage Infor	mation										
	Acuta	al Number	% cum survival		te transfers other desc				ificant mort	alities, or	
1. Green Eggs		719,543	100								
2. Eyed Eggs		632,943	87.96								
3. Emergent Fry 607,189			84.39								
1. Fed Fry											
5. Smolts		547,909	76.15								
3. Transfers, Mort	s, and Cı	ulls									
3. Transfers, Mort Transfer Type	s, and Cı	ulls Date	Life Stage	FTP	Direction	1	Sit	e/Discard Ca	use	Total	
	s, and Cı		Life Stage GREEN EGG	FTP	Direction FROM	-	Sit PILLAR CI		ıse	Total 719,543	
Transfer Type Transferred		Date	-		FROM				use		
**		Date	GREEN EGG		FROM		PILLAR CI		Life Stage		

D. Other

10% marked w/right ventral fin clip

Untagged Release		Annual Report:	2008, SCHEDULE B-6				
Release ID Code:	!01084KR	AA12]				
General Information	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:	Ancestral Stock:		FTP:		Ex	perimental Class:	
Experimental Narra	ative: 250 cl	naracters max.					
Untagged Releas	se Informa	tion					
Release S	Supervisor:	ARO		Release	Stage:	SMOLT	
Re	lease Site:	LITTLE KITOI	LK 252-31	Unmarked Counting N	lethod:	WEIGHT DERIV	ED
Anadromous	Stream #:	252-31-10030-	-0010	Expected S	urvival:	NORMAL	
Si	ze at Relea	ise		Release Dates			Total Fish Released
Weight (g): 19.9	91 Fork	Length (mm):	Began:	06/04/2008 Ende	d: 06	/04/2008	414,376
Comments: 250 ch							
DATA SOURCE: 2	2008 KITOI	BAY AFCPR B-	6.				

Schedule C-1 2008 HARVEST MANAGEMENT AND HATCHERY ADULT RETURNS

	Species CHUM	Donor Stock KI	TOLR/	AY H		Proje	ct KITO	IRAY
	Opecies Onoivi	Ancestral Stock S				Fioje	ot MITO	ואמו
		Ancestral Stock St	OKGL	ONK				
	tchery Escapement	N 4 188 11 4 1	c .			7.17	1	
): traditional harvest and roe-recovery				717	4	
		k (Schedule A line 8) minus roe-recove	ery fish	(12b)		28,010	4	
3. Es	capement for hatchery water	ershed (as required in permit)				2,000	1	
4. Ja								
5. Ot	her (annotate for each Othe	er escapement return)			Other escap	ement (Other esca	apement comment
						6,000 Ch	nums left	in saltwater.
6. To	tal hatchery escapement					36,727]	
Ot	her Comments						_	
B. Co	mmon Property Harvest							
	mmercial Harvest							
	Troll						ļ	
	Gillnet						ļ	
	Seine					92,308		
d.	Other (annotate for each O	ther commercial return)			Other comm	nercial	Other con	nmercial comment
То	tal Commercial Harvest					92,308		
	ncommercial Harvest						_	
	Sport						ļ	
	Personal Use						ļ	
	Subsistence	44						
	Other (annotate for each O	,			Other noncon	nmercial O	ther nonce	ommercial comment
	tal Noncommercial Harve						J	
	tal Common Property Harve	est (sum 7 and 8)						92,308
	tal Return (sum 6 and 9)							129,035
11. Es	timated ocean survival by b	rood year		Brood Year	Total # in Run, Current Year	Cumulative Survival		Complete Return (yes or no)
				2003	34,846		1.57	Yes
				2004	83,519		0.4	No
				2005	10,670		0.06	No
То	tal Ocean Survival					129,035]	
Ha	rvest Comments							
L								
12. Di	sposition of Hatchery Esc	apement						
		_	# fis	h sold	lbs fish			
a.	Traditional harvest fish	adults		71	7 5,7	735		
		jacks						
		total		71	7 5,7	735		
b.	Roe-recovery fish	_	#	fish	lbs fish	lbs	roe	-
		Sold						1
		Dontated _						1
		Disposed total number of fish ☐			-			4
		iolai Hullibei Ol IISIII			11	11		1

c. Carcasses		# Sold	# Donated	# Disposed	Total
	Spawners			25,567	25,567
	Other (annotate in comments)				
	total number of fish			25,567	25,567
	total pounds			196,099	196,099
Disposition Comments	· ·				

Schedule C-2 2008 HARVEST MANAGEMENT AND HATCHERY ADULT RETURNS

Species PINK	Donor Stock KI	TOI BAY H		Proi	ect KITOI	RAY
Opecies INIX	—	tral Stock BIG KITOI CR			eccitation	DAI
	Ancestral Stock Di	GRITOTOR				
A. Hatchery Escapement						
1. Cost-recovery (line 12a & 12b): traditio	•			1,694,64	=	
Adults sacrificed as broodstock (Sched	,	ery fish (12b)		304,28	=	
Escapement for hatchery watershed (a	s required in permit)			5,00	00	
4. Jacks						
5. Other (annotate for each Other escape	ment return)		Other escap	ement	Other esca	apement comment
				55,000 F	ish left in	saltwater.
6. Total hatchery escapement				2,058,93	33	
Other Comments						
"other" were pinks left in saltwater.						
B. Common Property Harvest						
7. Commercial Harvest						
a. Troll						
b. Gillnet					╛	
c. Seine				423,74	15	
d. Other (annotate for each Other com	mercial return)		Other comm	nercial	Other com	nmercial comment
Total Commercial Harvest				423,74	15	
8. Noncommercial Harvest					_	
a. Sport						
b. Personal Use						
c. Subsistence						
d. Other (annotate for each Other nonc	commercial return)		Other noncom	nmercial	Other nonco	mmercial comment
Total Noncommercial Harvest						
9. Total Common Property Harvest (sum	7 and 8)					423,745
0. Total Return (sum 6 and 9)						2,482,678
1. Estimated ocean survival by brood yea	r	Brood	Total # in Run,	Cumulativ	e Ocean	Complete Return
		Year	Current Year	Surviva		(yes or no)
		2006	2,482,678		2.2	Yes
Total Ocean Survival				2,482,67	78	
Harvest Comments						
2. Disposition of Hatchery Escapemen	t					
,		# fish sold	lbs fish			
a. Traditional harvest fish	adults	1,694,647	6,954,9	97		
	jacks			_		
	total	1,694,647	6,954,9	97		
b. Roe-recovery fish	'	# fish	lbs fish	II	os roe	
•	Sold]
	Dontated]
	Disposed]
	total number of fish]
c. Carcasses		# Sold	# Donated	# D	isposed	Total
	Spawners				276,624	276,624

Other (annotate in comments)			
total number of fish		276,624	276,624
total pounds		1,106,496	1,106,496

Disposition Comments

Schedule C-3 2008 HARVEST MANAGEMENT AND HATCHERY ADULT RETURNS

		_						KITOI BAY
	Species COHO	Donor Stock	(ITOI BAY I	<u>H</u>		Pro	oject KITO	IBAY
		Ancestral Stock E	BIG KITOI C	R				
Α.	Hatchery Escapement							
	Cost-recovery (line 12a & 12b): traditional h	arvest and roe-recovery	fish			3,8	23	
	Adults sacrificed as broodstock (Schedule A	•		h)		5,7	=	
	Escapement for hatchery watershed (as req	,	701 y 11311 (12	,		0,1		
	Jacks	allea iii periiiii)						
	Other (annotate for each Other escapement	return)			Other escap	omont	Other ese	apement comment
٠.	Cure: (u.m.cuato rei cuen Curei cecupennent				Other escap			•
						3,000	Annual Re	ation for other on turn.
6	Total hatchery escapement					12,5	55	
٠.	Other Comments					12,5	33	
	Other Comments							
ь	Common Property Harvest							
	Commercial Harvest							
٠.	a. Troll						\neg	
	b. Gillnet							
	c. Seine					116,5	43	
	d. Other (annotate for each Other commerci	al return)			Other comm			nmercial comment
	•				Other comm		_	illierciai comment
_	Total Commercial Harvest					116,5	43	
ö.	Noncommercial Harvest						00	
	a. Sport					3	00	
	b. Personal Use						=	
	c. Subsistence	amaial matuuma\						
	d. Other (annotate for each Other noncomm	erciai return)			Other noncon	nmercial	Other nonce	ommercial comment
	Total Noncommercial Harvest					3	00	
9.	Total Common Property Harvest (sum 7 and	l 8)						116,843
10.	Total Return (sum 6 and 9)							129,398
11.	Estimated ocean survival by brood year		Bro		Гotal # in Run,	Cumulativ	ve Ocean	Complete Return
					Current Year	Surviv	ral (%)	(yes or no)
			20	005	129,392		12.4	Yes
	Total Ocean Survival					129,3	92	
	Harvest Comments							
12.	Disposition of Hatchery Escapement							
		·	# fish so		lbs fish			
	a. Traditional harvest fish	adults		3,823	31,5	92		
		jacks						
		total		3,823	31,5	92		
	b. Roe-recovery fish		# fish		lbs fish		bs roe	_
		Sold						<u> </u>
		Dontated						_
		Disposed				ل		1
		total number of fish			L			
	c. Carcasses		# Solo	t	# Donated	# [Disposed	Total

Spawners		5,732	5,732
Other (annotate in comments)			
total number of fish		5,732	5,732
total pounds		48,034	48,034

Disposition Comments

Schedule C-4 2008 HARVEST MANAGEMENT AND HATCHERY ADULT RETURNS

						KITOI BAY
	Species SOCKEYE	Donor Stock KITOI B	AY H		Project	KITOI BAY
		Ancestral Stock SALTER	RY LK 259)-41		
Α	. Hatchery Escapement					
1	Cost-recovery (line 12a & 12b): trad	litional harvest and roe-recovery fish			4,275	
2	. Adults sacrificed as broodstock (Sc	hedule A line 8) minus roe-recovery fi	sh (12b)			
3	Escapement for hatchery watershe	d (as required in permit)			3,500	
4	. Jacks					
5	. Other (annotate for each Other esc	apement return)		Other escap	pement Other e	scapement comment
6	Total hatchery escapement				7,775	
	Other Comments					
	escapement was into little kitoi lake	i.				
	. Common Property Harvest					
7	. Commercial Harvest					
	a. Troll					
	b. Gillnet				00.040	
	c. Seine				62,043	
	d. Other (annotate for each Other of	ommerciai return)		Other comr		commercial comment
	Total Commercial Harvest				62,043	
8	. Noncommercial Harvest					
	a. Sport				300	
	b. Personal Use					
	c. Subsistence	an accommunial matrix				
	d. Other (annotate for each Other n	oncommercial return)		Other noncor		ncommercial comment
	Total Noncommercial Harvest				300	
9	. Total Common Property Harvest (si	ım 7 and 8)				62,343
10	. Total Return (sum 6 and 9)					70,118
11	. Estimated ocean survival by brood	year	Brood Year	Total # in Run, Current Year	Cumulative Ocean Survival (%)	Complete Return (yes or no)
			2002	700	17.	2 Yes
			2003	15,584	12.	6 No
			2004	53,834	13.	8 No
	Total Ocean Survival				70,118	
	Harvest Comments					
12	. Disposition of Hatchery Escapen	nent				
			fish sold	lbs fish		
	a. Traditional harvest fish	adults	4,27	75 19,9	947	
		jacks				
		total	4,27			
	b. Roe-recovery fish		# fish	lbs fish	lbs roe	
		Sold				
		Dontated		_		
		Disposed total number of fish		_	_	=
	c. Carcasses		# Sold	—l∟ # Donated	# Disposed	l Total

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

Schedule D-1 **PROJECTED RETURNS FOR 2009**

KITOI BAY

Run	Species	First Brood Year	Last Brood Year	Release Site	Total number of fish expected	Range of ex	pected return
Kuii	Species	First blood feat	Last brood fear	Release Site	Total number of fish expected	minimum	maximum
	CHUM			KITOI BAY 252-31	148,000	110,000	185,000
CHU	М	•		148,000	110,000	185,000	
	соно			CRESCENT LK 252-36 (B)	2,860	2,145	3,575
	СОНО		JENNIFER LK 252-31 (B)		4,192	2,808	5,575
	соно			KATMAI LK 259-10	680	510	850
	соно			KITOI BAY 252-31	154,000	133,000	204,000
	соно			RUTH LK 252-30 (B)	600	402	798
СОН	io				162,332	138,865	214,798
	PINK			KITOI BAY 252-31	10,321,711	8,193,622	13,223,982
PINE	(•			10,321,711	8,193,622	13,223,982
	SOCKEYE			KITOI BAY 252-31	69,689	46,460	92,919
soc	KEYE			69,689	46,460	92,919	

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