

## 2008 ANNUAL REPORT ALASKAN SALMON HATCHERY

Year ending December 15, 2008

Hatchery name/Location

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	CHUM	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	COHO	LITTLE KITOI LK	KITOI BAY H	2,282,901	2,282,901	1,952,568
4	2008	SOCKEYE	SALTRY LK 259-41	SALTRY 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	COHO	LITTLE KITOI LK	KITOI BAY H	2,291,688	1,949,955	1,545,695	1,443,399	1,047,265
4	2006	COHO	LITTLE KITOI LK	KITOI BAY H	2,355,151	1,950,000	1,450,000	1,450,000	991,498
5	2007	SOCKEYE		SALTRY LK 259-41	553,451	553,451	546,799	546,799	533,459
6	2006	SOCKEYE		SALTRY 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	COHO	LITTLE KITOI LK	KITOI BAY H	CRESCENT LK 252-36 (B)	165,479
3	!01082KRAA07	2007	COHO	LITTLE KITOI LK	KITOI BAY H	JENNIFER LK 252-31 (B)	200,655
3	!01082KRAA09	2007	COHO	LITTLE KITOI LK	KITOI BAY H	KATMAI CR 259-10	27,265
3	!01082KRAA06	2007	COHO	LITTLE KITOI LK	KITOI BAY H	RUTH LK 252-30 (B)	30,000
4	!01082KRAA10	2006	COHO	LITTLE KITOI LK	KITOI BAY H	KITOI BAY 252-31	991,498
5	!01084KRAA11	2007	SOCKEYE		SALTRY LK 259-41	LITTLE KITOI LK 252-31	104,529
5	!01084KRAA13	2007	SOCKEYE		SALTRY LK 259-41	LITTLE KITOI LK 252-31	11,930
6	!01084KRAA12	2006	SOCKEYE		SALTRY LK 259-41	LITTLE KITOI LK 252-31	414,376
1	!01085KRAA01	2007	CHUM	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	COHO	BIG KITOI CR	KITOI BAY H	KITOI BAY	3,823	116,843	129,398
4	SOCKEYE	SALTRY 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

Continued to

- 1. Species
- 2. Donor stock
- 3. Ancestral stock
- 4. Viable broodstock (spawned, eggs in incubators)  females  males  total
- 5. Inviabile broodstock (green/over-ripe/bad)  females  males  total
- 6. Unspawned fish (roe recovery, excess males)
- 7. Holding mortalities (raceway, pen mortalities)
- 8. Adults sacrificed for broodstock (sum 4 thru 7)
- 9. Average length and weight of adults used for broodstock
  - Females  mm  kg
  - Males  mm  kg
- 10. Average fecundity (eggs/female)   Override auto calculation
- 11. Egg-take dates (first date)
- 12. Egg-take dates (last date)
- 13. Number of green eggs taken

14-16. Transfers, Morts, and Culls

Transfer Type	Date	Life Stage	FTP	Direction	Site/Discard Cause	Total
Culled	12/31/2008	EYED EGG			Excess disposed	1,990,000

Total Transfers, Morts, and Culls

- 17. Number of green eggs retained in hatchery
- 18. Number remaining in hatchery at eyed stage   % survival  Override auto calculation
- 19. Describe procedures used for egg takes and evaluation of in-hatchery survivals:

Upated per 09 AR.

Entered By

Date Last Modified

### Schedule A-2

#### 2008 ANNUAL BROODSTOCK AND INITIAL SURVIVAL REPORT

KITOI BAY

Continued to

- 1. Species
- 2. Donor stock
- 3. Ancestral stock
- 4. Viable broodstock (spawned, eggs in incubators)  females  males  total
- 5. Inviabile broodstock (green/over-ripe/bad)  females  males  total
- 6. Unspawned fish (roe recovery, excess males)
- 7. Holding mortalities (raceway, pen mortalities)
- 8. Adults sacrificed for broodstock (sum 4 thru 7)
- 9. Average length and weight of adults used for broodstock
  - Females  mm  kg
  - Males  mm  kg
- 10. Average fecundity (eggs/female)   Override auto calculation
- 11. Egg-take dates (first date)
- 12. Egg-take dates (last date)
- 13. Number of green eggs taken

14-16. Transfers, Morts, and Culls

Transfer Type	Date	Life Stage	FTP	Direction	Site/Discard Cause	Total
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Total Transfers, Morts, and Culls

- 17. Number of green eggs retained in hatchery
- 18. Number remaining in hatchery at eyed stage   % survival  Override auto calculation
- 19. Describe procedures used for egg takes and evaluation of in-hatchery survivals:

Per 09 AR.

Entered By

Date Last Modified

### Schedule A-3

#### 2008 ANNUAL BROODSTOCK AND INITIAL SURVIVAL REPORT

KITOI BAY

Continued to

- 1. Species
- 2. Donor stock
- 3. Ancestral stock
- 4. Viable broodstock (spawned, eggs in incubators)  females  males  total
- 5. Inviabile broodstock (green/over-ripe/bad)  females  males  total
- 6. Unspawned fish (roe recovery, excess males)
- 7. Holding mortalities (raceway, pen mortalities)
- 8. Adults sacrificed for broodstock (sum 4 thru 7)
- 9. Average length and weight of adults used for broodstock
  - Females  mm  kg
  - Males  mm  kg
- 10. Average fecundity (eggs/female)   Override auto calculation
- 11. Egg-take dates (first date)
- 12. Egg-take dates (last date)
- 13. Number of green eggs taken

14-16. Transfers, Morts, and Culls

Transfer Type	Date	Life Stage	FTP	Direction	Site/Discard Cause	Total
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Total Transfers, Morts, and Culls

- 17. Number of green eggs retained in hatchery
- 18. Number remaining in hatchery at eyed stage   % survival  Override auto calculation
- 19. Describe procedures used for egg takes and evaluation of in-hatchery survivals:

Updated Per 09 AR.

Entered By

Date Last Modified

### Schedule A-4

#### 2008 ANNUAL BROODSTOCK AND INITIAL SURVIVAL REPORT

KITOI BAY

Continued to

- 1. Species
- 2. Donor stock
- 3. Ancestral stock
- 4. Viable broodstock (spawned, eggs in incubators)  females  males  total
- 5. Inviabile broodstock (green/over-ripe/bad)  females  males  total
- 6. Unspawned fish (roe recovery, excess males)
- 7. Holding mortalities (raceway, pen mortalities)
- 8. Adults sacrificed for broodstock (sum 4 thru 7)
- 9. Average length and weight of adults used for broodstock
  - Females  mm  kg
  - Males  mm  kg
- 10. Average fecundity (eggs/female)   Override auto calculation
- 11. Egg-take dates (first date)
- 12. Egg-take dates (last date)
- 13. Number of green eggs taken

14-16. Transfers, Morts, and Culls

Transfer Type	Date	Life Stage	FTP	Direction	Site/Discard Cause	Total
Transferred	12/31/2008	EYED EGG		FROM	PILLAR CREEK H	615,274

Total Transfers, Morts, and Culls

- 17. Number of green eggs retained in hatchery
- 18. Number remaining in hatchery at eyed stage   % survival  Override auto calculation
- 19. Describe procedures used for egg takes and evaluation of in-hatchery survivals:

Entered By

Date Last Modified

### Schedule B-1

#### 2008 ANNUAL FISH CULTURE PRODUCTION REPORT

KITOI BAY

Species

Donor Stock

Brood Year

Ancestral Stock

Continued from  to

#### A. Life Stage Information

	Acutal Number	% cum survival	Annotate transfers between hatcheries, significant mortalities, or provide other descriptive comments.
1. Green Eggs	27,942,625	100	
2. Eyed Eggs	23,910,178	85.57	
3. Emergent Fry	21,690,168	77.62	
4. Fed Fry	21,690,168	77.62	
5. Smolts			

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

Transfer Type	Date	Life Stage	FTP	Direction	Site/Discard Cause	Total
Culled	8/1/2007	EYED EGG			Excess disposed	1,600,000

Total Transfers, Morts, and Culls

#### C. Release Information

Release ID/ Tag Code	FTP	Ancestral Stock	Donor Stock	Site	Date Last Released	Life Stage	Total
I01085KRAA01			BIG KITOI CR	KITOI BAY 252-31	5/27/2008	FED FRY	21,690,168

Total Released

#### D. Other

### Untagged Release

Annual Report: 2008, SCHEDULE B-1

Release ID Code: !01085KRAA01

#### General Information

Project Leader:	ARO	Species:	CHUM	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 max.

#### Untagged Release Information

Release Supervisor:	ARO	Release Stage:	FED FRY
Release Site:	KITOI BAY 252-31	Unmarked Counting Method:	ACTUAL COUNT
Anadromous Stream #:		Expected Survival:	NORMAL

Size at Release		Release Dates		Total Fish Released				
Weight (g):	1.94	Fork Length (mm):		Began:	05/27/2008	Ended:	05/27/2008	21,690,168

Comments: 250 characters max.

DATA SOURCE: 2008 KITOI BAY AFCPR B-1.

Report version: 2021.06.30.0638



### Schedule B-2

#### 2008 ANNUAL FISH CULTURE PRODUCTION REPORT

KITOI BAY

Species

Donor Stock

Brood Year

Ancestral Stock

Continued from  to

**A. Life Stage Information**

	Acutal Number	% cum survival	Annotate transfers between hatcheries, significant mortalities, or provide other descriptive comments.
1. Green Eggs	189,970,176	100	
2. Eyed Eggs	159,098,808	83.75	
3. Emergent Fry	144,920,820	76.29	
4. Fed Fry	144,920,820	76.29	
5. Smolts			

**B. Transfers, Morts, and Culls**

Transfer Type	Date	Life Stage	FTP	Direction	Site/Discard Cause	Total
Culled	12/31/2007	EYED EGG			Excess disposed	20,400,000

Total Transfers, Morts, and Culls

**C. Release Information**

Release ID/ Tag Code	FTP	Ancestral Stock	Donor Stock	Site	Date Last Released	Life Stage	Total
I01086KRAA01			BIG KITOI CR	KITOI BAY 252-31	5/27/2008	FED FRY	144,920,820

Total Released

**D. Other**

**Untagged Release**

Annual Report: **2008, SCHEDULE B-2**

Release ID Code: **!01086KRAA01**

**General Information**

Project Leader:	<b>ARO</b>	Species:	<b>PINK</b>	Rearing Type:	<b>HATCHERY</b>
Agency:	<b>KRAA</b>	Brood Year:	<b>2007</b>	Release Type:	<b>PRODUCTION</b>
Division/Section:		Adult Run:		Mark Type:	<b>NO MARK</b>
Facility:	<b>KITOI BAY</b>			Thermal Mark ID:	
Donor Stock:	<b>BIG KITOI CR</b>	Release Group:		Hatch Code:	
Ancestral Stock:		FTP:		Experimental Class:	

Experimental Narrative: 250 characters max.

**Untagged Release Information**

Release Supervisor:	<b>ARO</b>	Release Stage:	<b>FED FRY</b>
Release Site:	<b>KITOI BAY 252-31</b>	Unmarked Counting Method:	<b>ACTUAL COUNT</b>
Anadromous Stream #:		Expected Survival:	<b>NORMAL</b>

**Size at Release**

**Release Dates**

**Total Fish Released**

Weight (g):	<b>0.64</b>	Fork Length (mm):		Began:	<b>05/27/2008</b>	Ended:	<b>05/27/2008</b>	<b>144,920,820</b>
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Comments: 250 characters max.

DATA SOURCE: 2008 KITOI BAY AFCPR B-2.

Report version: 2021.06.30.0638

### Schedule B-3

#### 2008 ANNUAL FISH CULTURE PRODUCTION REPORT

KITOI BAY

Species

Donor Stock

Brood Year

Ancestral Stock

Continued from  to

#### A. Life Stage Information

	Acutal Number	% cum survival	Annotate transfers between hatcheries, significant mortalities, or provide other descriptive comments.
1. Green Eggs	2,291,688	100	
2. Eyed Eggs	1,949,955	85.09	
3. Emergent Fry	1,545,695	67.45	
4. Fed Fry	1,443,399	62.98	
5. Smolts	1,047,265	45.70	

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

Transfer Type	Date	Life Stage	FTP	Direction	Site/Discard Cause	Total
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Total Transfers, Morts, and Culls

#### C. Release Information

Release ID/ Tag Code	FTP	Ancestral Stock	Donor Stock	Site	Date Last Released	Life Stage	Total
!01082KRAA08		LITTLE KITOI LK	KITOI BAY H	CRESCENT LK 252-36 (B)	7/8/2008	FED FRY	165,479
!01082KRAA07		LITTLE KITOI LK	KITOI BAY H	JENNIFER LK 252-31 (B)	7/8/2008	FED FRY	200,655
!01082KRAA09		LITTLE KITOI LK	KITOI BAY H	KATMAI CR 259-10	10/10/2008	PRESMOLT	27,265
!01082KRAA06		LITTLE KITOI LK	KITOI BAY H	RUTH LK 252-30 (B)	7/8/2008	FED FRY	30,000

Total Released

#### D. Other

**Untagged Release**Annual Report: **2008, SCHEDULE B-3**

Release ID Code: !01082KRAA08

**General Information**

Project Leader:	ARO	Species:	COHO	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:		Experimental Class:	

Experimental Narrative: 250 characters max.

**Untagged Release Information**

Release Supervisor:	ARO	Release Stage:	FED FRY
Release Site:	CRESCENT LK 252-36 (B)	Unmarked Counting Method:	WEIGHT DERIVED
Anadromous Stream #:		Expected Survival:	NORMAL

**Size at Release****Release Dates****Total Fish Released**

Weight (g):	0.71	Fork Length (mm):		Began:	07/08/2008	Ended:	07/08/2008		165,479
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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)

Report version: 2021.06.30.0638

**Untagged Release**Annual Report: **2008, SCHEDULE B-3**

Release ID Code: !01082KRAA07

**General Information**

Project Leader:	ARO	Species:	COHO	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:		Experimental Class:	

Experimental Narrative: 250 characters max.

**Untagged Release Information**

Release Supervisor:	ARO	Release Stage:	FED FRY
Release Site:	JENNIFER LK 252-31 (B)	Unmarked Counting Method:	WEIGHT DERIVED
Anadromous Stream #:		Expected Survival:	NORMAL

**Size at Release****Release Dates****Total Fish Released**

Weight (g):	0.87	Fork Length (mm):		Began:	07/08/2008	Ended:	07/08/2008		200,655
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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)

Report version: 2021.06.30.0638

**Untagged Release**

Annual Report: **2008, SCHEDULE B-3**

Release ID Code: **!01082KRAA09**

**General Information**

Project Leader:	<b>ARO</b>	Species:	<b>COHO</b>	Rearing Type:	<b>HATCHERY</b>
Agency:	<b>KRAA</b>	Brood Year:	<b>2007</b>	Release Type:	<b>PRODUCTION</b>
Division/Section:		Adult Run:		Mark Type:	<b>NO MARK</b>
Facility:	<b>KITOI BAY</b>	Release Group:		Thermal Mark ID:	
Donor Stock:	<b>KITOI BAY H</b>	FTP:		Hatch Code:	
Ancestral Stock:	<b>LITTLE KITOI LK</b>			Experimental Class:	

Experimental Narrative: 250 characters max.

**Untagged Release Information**

Release Supervisor:	<b>ARO</b>	Release Stage:	<b>PRESMOLT</b>
Release Site:	<b>KATMAI CR 259-10</b>	Unmarked Counting Method:	<b>WEIGHT DERIVED</b>
Anadromous Stream #:	<b>259-10-10070</b>	Expected Survival:	<b>NORMAL</b>

Size at Release		Release Dates		Total Fish Released				
Weight (g):	<b>7.78</b>	Fork Length (mm):		Began:	<b>10/10/2008</b>	Ended:	<b>10/10/2008</b>	<b>27,265</b>

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)

Report version: 2021.06.30.0638

**Untagged Release**Annual Report: **2008, SCHEDULE B-3**

Release ID Code: !01082KRAA06

**General Information**

Project Leader:	ARO	Species:	COHO	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:		Experimental Class:	

Experimental Narrative: 250 characters max.

**Untagged Release Information**

Release Supervisor:	ARO	Release Stage:	FED FRY
Release Site:	RUTH LK 252-30 (B)	Unmarked Counting Method:	WEIGHT DERIVED
Anadromous Stream #:		Expected Survival:	NORMAL

**Size at Release****Release Dates****Total Fish Released**

Weight (g):	0.87	Fork Length (mm):		Began:	07/08/2008	Ended:	07/08/2008		30,000
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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)

Report version: 2021.06.30.0638

### Schedule B-4

#### 2008 ANNUAL FISH CULTURE PRODUCTION REPORT

KITOI BAY

Species

Donor Stock

Brood Year

Ancestral Stock

Continued from  to

#### A. Life Stage Information

Annotate transfers between hatcheries, significant mortalities, or provide other descriptive comments.

	Acutal Number	% cum survival	
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, Morts, and Culls

Transfer Type	Date	Life Stage	FTP	Direction	Site/Discard Cause	Total
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Total Transfers, Morts, and Culls

#### C. Release Information

Release ID/ Tag Code	FTP	Ancestral Stock	Donor Stock	Site	Date Last Released	Life Stage	Total
I01082KRAA10		LITTLE KITOI LK	KITOI BAY H	KITOI BAY 252-31	6/5/2008	SMOLT	991,498

Total Released

#### D. Other

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**Untagged Release**Annual Report: **2008, SCHEDULE B-4**

Release ID Code: !01082KRAA10

**General Information**

Project Leader:	ARO	Species:	COHO	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:		Experimental Class:	

Experimental Narrative: 250 characters max.

**Untagged Release Information**

Release Supervisor:	ARO	Release Stage:	SMOLT
Release Site:	KITOI BAY 252-31	Unmarked Counting Method:	WEIGHT DERIVED
Anadromous Stream #:		Expected Survival:	NORMAL

**Size at Release****Release Dates****Total Fish Released**

Weight (g):	16.31	Fork Length (mm):		Began:	06/05/2008	Ended:	06/05/2008		991,498
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Comments: 250 characters max.

DATA SOURCE: 2008 KITOI BAY AFCPR B-4. ADDED ANCESTRAL STOCK AND CHANGED STOCK FROM BIG KITOI CR AS PER LORNA WILSON (JE 3/16/22)

Report version: 2021.06.30.0638

### Schedule B-5

#### 2008 ANNUAL FISH CULTURE PRODUCTION REPORT

KITOI BAY

Species

Donor Stock

Brood Year

Ancestral Stock

Continued from  to

**A. Life Stage Information**

	Acutal Number	% cum survival	Annotate transfers between hatcheries, significant mortalities, or provide other descriptive comments.
1. Green Eggs	553,451	100	
2. Eyed Eggs	553,451	100	
3. Emergent Fry	546,799	98.80	
4. Fed Fry	546,799	98.80	
5. Smolts	533,459	96.39	

**B. Transfers, Morts, and Culls**

Transfer Type	Date	Life Stage	FTP	Direction	Site/Discard Cause	Total
Transferred	12/31/2007	EYED EGG		FROM	PILLAR CR 259-10	553,451

Total Transfers, Morts, and Culls

**C. Release Information**

Release ID/ Tag Code	FTP	Ancestral Stock	Donor Stock	Site	Date Last Released	Life Stage	Total
I01084KRAA13			SALTERY LK 259-41	LITTLE KITOI LK 252-31	10/18/2008	PRESMOLT	11,930
I01084KRAA11			SALTERY LK 259-41	LITTLE KITOI LK 252-31	10/18/2008	PRESMOLT	104,529

Total Released

**D. Other**

### Untagged Release

Annual Report: **2008, SCHEDULE B-5**

Release ID Code:

#### General Information

Project Leader:	<input type="text" value="ARO"/>	Species:	<input type="text" value="SOCKEYE"/>	Rearing Type:	<input type="text" value="HATCHERY"/>
Agency:	<input type="text" value="KRAA"/>	Brood Year:	<input type="text" value="2007"/>	Release Type:	<input type="text" value="PRODUCTION"/>
Division/Section:	<input type="text"/>	Adult Run:	<input type="text"/>	Mark Type:	<input type="text" value="AD+RV"/>
Facility:	<input type="text" value="KITOI BAY"/>	Thermal Mark ID:	<input type="text"/>	Hatch Code:	<input type="text"/>
Donor Stock:	<input type="text" value="SALTERY LK 259-41"/>	Release Group:	<input type="text"/>	Experimental Class:	<input type="text"/>
Ancestral Stock:	<input type="text"/>	FTP:	<input type="text"/>		

Experimental Narrative: 250 characters max.

#### Untagged Release Information

Release Supervisor:	<input type="text" value="ARO"/>	Release Stage:	<input type="text" value="PRESMOLT"/>
Release Site:	<input type="text" value="LITTLE KITOI LK 252-31"/>	Unmarked Counting Method:	<input type="text" value="WEIGHT DERIVED"/>
Anadromous Stream #:	<input type="text" value="252-31-10030-0010"/>	Expected Survival:	<input type="text" value="NORMAL"/>

Size at Release		Release Dates		Total Fish Released				
Weight (g):	<input type="text" value="8.04"/>	Fork Length (mm):	<input type="text"/>	Began:	<input type="text" value="10/17/2008"/>	Ended:	<input type="text" value="10/18/2008"/>	<input type="text" value="11,930"/>

Comments: 250 characters max.

Report version: 2021.06.30.0638

### Untagged Release

Annual Report: **2008, SCHEDULE B-5**

Release ID Code: !01084KRAA11

#### General Information

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 BAY			Thermal Mark ID:	
Donor Stock:	SALTERY LK 259-41	Release Group:		Hatch Code:	
Ancestral Stock:		FTP:		Experimental Class:	

Experimental Narrative: 250 characters max.

#### Untagged Release Information

Release Supervisor:	ARO	Release Stage:	PRESMOLT
Release Site:	LITTLE KITOI LK 252-31	Unmarked Counting Method:	WEIGHT DERIVED
Anadromous Stream #:	252-31-10030-0010	Expected Survival:	NORMAL

#### Size at Release

#### Release Dates

#### Total Fish Released

Weight (g):	8.04	Fork Length (mm):		Began:	10/17/2008	Ended:	10/18/2008		104,529
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Comments: 250 characters max.

DATA SOURCE: 2008 KITOI BAY AFCPR B-5. THIS RELEASE IS ALSO REPRESENTED BY !01084KRAA13 WHICH WAS AD+RV.

Report version: 2021.06.30.0638

### Schedule B-6

#### 2008 ANNUAL FISH CULTURE PRODUCTION REPORT

KITOI BAY

Species  Donor Stock  Brood Year   
 Ancestral Stock   
 Continued from  to

**A. Life Stage Information**

	Acutal Number	% cum survival	Annotate transfers between hatcheries, significant mortalities, or provide other descriptive comments.
1. Green Eggs	719,543	100	
2. Eyed Eggs	632,943	87.96	
3. Emergent Fry	607,189	84.39	
4. Fed Fry			
5. Smolts	547,909	76.15	

**B. Transfers, Morts, and Culls**

Transfer Type	Date	Life Stage	FTP	Direction	Site/Discard Cause	Total
Transferred	9/12/2006	GREEN EGG		FROM	PILLAR CREEK H	719,543
Total Transfers, Morts, and Culls						<input type="text" value="719,543"/>

**C. Release Information**

Release ID/ Tag Code	FTP	Ancestral Stock	Donor Stock	Site	Date Last Released	Life Stage	Total
I01084KRAA12			SALTERY LK 259-41	LITTLE KITOI LK 252-31	6/4/2008	SMOLT	414,376
Total Released							<input type="text" value="414,376"/>

**D. Other**

**Untagged Release**Annual Report: **2008, SCHEDULE B-6**

Release ID Code: !01084KRAA12

**General Information**

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 BAY			Thermal Mark ID:	
Donor Stock:	SALTERY LK 259-41	Release Group:		Hatch Code:	
Ancestral Stock:		FTP:		Experimental Class:	

Experimental Narrative: 250 characters max.

**Untagged Release Information**

Release Supervisor:	ARO	Release Stage:	SMOLT
Release Site:	LITTLE KITOI LK 252-31	Unmarked Counting Method:	WEIGHT DERIVED
Anadromous Stream #:	252-31-10030-0010	Expected Survival:	NORMAL

**Size at Release****Release Dates****Total Fish Released**

Weight (g):	19.91	Fork Length (mm):		Began:	06/04/2008	Ended:	06/04/2008		414,376
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Comments: 250 characters max.

DATA SOURCE: 2008 KITOI BAY AFCPR B-6.

Report version: 2021.06.30.0638

### Schedule C-1

#### 2008 HARVEST MANAGEMENT AND HATCHERY ADULT RETURNS

KITOI BAY

Species

Donor Stock

Project

Ancestral Stock

**A. Hatchery Escapement**

1. Cost-recovery (line 12a & 12b): traditional harvest and roe-recovery fish	717	
2. Adults sacrificed as broodstock (Schedule A line 8) minus roe-recovery fish (12b)	28,010	
3. Escapement for hatchery watershed (as required in permit)	2,000	
4. Jacks		
5. Other (annotate for each Other escapement return)	Other escapement	Other escapement comment
	6,000	Chums left in saltwater.
<b>6. Total hatchery escapement</b>	<b>36,727</b>	

**Other Comments**

**B. Common Property Harvest**

7. Commercial Harvest		
a. Troll		
b. Gillnet		
c. Seine	92,308	
d. Other (annotate for each Other commercial return)	Other commercial	Other commercial comment
<b>Total Commercial Harvest</b>	<b>92,308</b>	
8. Noncommercial Harvest		
a. Sport		
b. Personal Use		
c. Subsistence		
d. Other (annotate for each Other noncommercial return)	Other noncommercial	Other noncommercial comment
<b>Total Noncommercial Harvest</b>		
9. Total Common Property Harvest (sum 7 and 8)	92,308	
10. Total Return (sum 6 and 9)	129,035	

11. Estimated ocean survival by brood year

Brood Year	Total # in Run, Current Year	Cumulative Ocean Survival (%)	Complete Return (yes or no)
2003	34,846	1.57	Yes
2004	83,519	0.4	No
2005	10,670	0.06	No

**Total Ocean Survival**

129,035

**Harvest Comments**

**12. Disposition of Hatchery Escapement**

	# fish sold	lbs fish	
a. Traditional harvest fish			
adults	717	5,735	
jacks			
total	717	5,735	
b. Roe-recovery fish	# fish	lbs fish	lbs roe
Sold			
Dontated			
Disposed			
total number of fish			

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

KITOI BAY

Species

Donor Stock   
Ancestral Stock

Project

**A. Hatchery Escapement**

1. Cost-recovery (line 12a & 12b): traditional harvest and roe-recovery fish	<input type="text" value="1,694,647"/>	
2. Adults sacrificed as broodstock (Schedule A line 8) minus roe-recovery fish (12b)	<input type="text" value="304,286"/>	
3. Escapement for hatchery watershed (as required in permit)	<input type="text" value="5,000"/>	
4. Jacks	<input type="text"/>	
5. Other (annotate for each Other escapement return)	Other escapement	Other escapement comment
	<input type="text" value="55,000"/>	<input type="text" value="Fish left in saltwater."/>
<b>6. Total hatchery escapement</b>	<input type="text" value="2,058,933"/>	

**Other Comments**

**B. Common Property Harvest**

7. Commercial Harvest		
a. Troll	<input type="text"/>	
b. Gillnet	<input type="text"/>	
c. Seine	<input type="text" value="423,745"/>	
d. Other (annotate for each Other commercial return)	Other commercial	Other commercial comment
	<input type="text" value="423,745"/>	<input type="text"/>
<b>Total Commercial Harvest</b>	<input type="text" value="423,745"/>	
8. Noncommercial Harvest		
a. Sport	<input type="text"/>	
b. Personal Use	<input type="text"/>	
c. Subsistence	<input type="text"/>	
d. Other (annotate for each Other noncommercial return)	Other noncommercial	Other noncommercial comment
	<input type="text"/>	<input type="text"/>
<b>Total Noncommercial Harvest</b>	<input type="text"/>	
9. Total Common Property Harvest (sum 7 and 8)	<input type="text" value="423,745"/>	
10. Total Return (sum 6 and 9)	<input type="text" value="2,482,678"/>	

11. Estimated ocean survival by brood year

Brood Year	Total # in Run, Current Year	Cumulative Ocean Survival (%)	Complete Return (yes or no)
2006	2,482,678	2.2	Yes

**Total Ocean Survival**

**Harvest Comments**

**12. Disposition of Hatchery Escapement**

a. Traditional harvest fish		# fish sold	lbs fish		
	adults	<input type="text" value="1,694,647"/>	<input type="text" value="6,954,997"/>		
	jacks	<input type="text"/>	<input type="text"/>		
	total	<input type="text" value="1,694,647"/>	<input type="text" value="6,954,997"/>		
b. Roe-recovery fish		# fish	lbs fish	lbs roe	
	Sold	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	Donated	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	Disposed	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	total number of fish	<input type="text"/>	<input type="text"/>	<input type="text"/>	
c. Carcasses		# Sold	# Donated	# Disposed	Total
	Spawners	<input type="text"/>	<input type="text"/>	<input type="text" value="276,624"/>	<input type="text" value="276,624"/>

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

**Disposition Comments**

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### Schedule C-3

#### 2008 HARVEST MANAGEMENT AND HATCHERY ADULT RETURNS

KITOI BAY

Species

Donor Stock

Project

Ancestral Stock

**A. Hatchery Escapement**

1. Cost-recovery (line 12a & 12b): traditional harvest and roe-recovery fish	<input type="text" value="3,823"/>				
2. Adults sacrificed as broodstock (Schedule A line 8) minus roe-recovery fish (12b)	<input type="text" value="5,732"/>				
3. Escapement for hatchery watershed (as required in permit)	<input type="text"/>				
4. Jacks	<input type="text"/>				
5. Other (annotate for each Other escapement return)	<table border="1"> <tr> <td>Other escapement</td> <td>Other escapement comment</td> </tr> <tr> <td><input type="text" value="3,000"/></td> <td><input type="text" value="No explanation for other on Annual Return."/></td> </tr> </table>	Other escapement	Other escapement comment	<input type="text" value="3,000"/>	<input type="text" value="No explanation for other on Annual Return."/>
Other escapement	Other escapement comment				
<input type="text" value="3,000"/>	<input type="text" value="No explanation for other on Annual Return."/>				
<b>6. Total hatchery escapement</b>	<input type="text" value="12,555"/>				

**Other Comments**

**B. Common Property Harvest**

7. Commercial Harvest					
a. Troll	<input type="text"/>				
b. Gillnet	<input type="text"/>				
c. Seine	<input type="text" value="116,543"/>				
d. Other (annotate for each Other commercial return)	<table border="1"> <tr> <td>Other commercial</td> <td>Other commercial comment</td> </tr> <tr> <td><input type="text"/></td> <td><input type="text"/></td> </tr> </table>	Other commercial	Other commercial comment	<input type="text"/>	<input type="text"/>
Other commercial	Other commercial comment				
<input type="text"/>	<input type="text"/>				
<b>Total Commercial Harvest</b>	<input type="text" value="116,543"/>				
8. Noncommercial Harvest					
a. Sport	<input type="text" value="300"/>				
b. Personal Use	<input type="text"/>				
c. Subsistence	<input type="text"/>				
d. Other (annotate for each Other noncommercial return)	<table border="1"> <tr> <td>Other noncommercial</td> <td>Other noncommercial comment</td> </tr> <tr> <td><input type="text"/></td> <td><input type="text"/></td> </tr> </table>	Other noncommercial	Other noncommercial comment	<input type="text"/>	<input type="text"/>
Other noncommercial	Other noncommercial comment				
<input type="text"/>	<input type="text"/>				
<b>Total Noncommercial Harvest</b>	<input type="text" value="300"/>				
9. Total Common Property Harvest (sum 7 and 8)	<input type="text" value="116,843"/>				
10. Total Return (sum 6 and 9)	<input type="text" value="129,398"/>				

11. Estimated ocean survival by brood year

Brood Year	Total # in Run, Current Year	Cumulative Ocean Survival (%)	Complete Return (yes or no)
2005	129,392	12.4	Yes

**Total Ocean Survival**

**Harvest Comments**

**12. Disposition of Hatchery Escapement**

	# fish sold	lbs fish		
a. Traditional harvest fish				
adults	<input type="text" value="3,823"/>	<input type="text" value="31,592"/>		
jacks	<input type="text"/>	<input type="text"/>		
total	<input type="text" value="3,823"/>	<input type="text" value="31,592"/>		
b. Roe-recovery fish				
Sold	<input type="text"/>	<input type="text"/>	<input type="text"/>	
Donated	<input type="text"/>	<input type="text"/>	<input type="text"/>	
Disposed	<input type="text"/>	<input type="text"/>	<input type="text"/>	
total number of fish	<input type="text"/>	<input type="text"/>	<input type="text"/>	
c. Carcasses	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	# Sold	# 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**

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### Schedule C-4

#### 2008 HARVEST MANAGEMENT AND HATCHERY ADULT RETURNS

KITOI BAY

Species

Donor Stock

Project

Ancestral Stock

**A. Hatchery Escapement**

1. Cost-recovery (line 12a & 12b): traditional harvest and roe-recovery fish	<input type="text" value="4,275"/>
2. Adults sacrificed as broodstock (Schedule A line 8) minus roe-recovery fish (12b)	<input type="text"/>
3. Escapement for hatchery watershed (as required in permit)	<input type="text" value="3,500"/>
4. Jacks	<input type="text"/>
5. Other (annotate for each Other escapement return)	<input type="text" value="Other escapement"/> <input type="text" value="Other escapement comment"/>
<b>6. Total hatchery escapement</b>	<input type="text" value="7,775"/>

**Other Comments**

**B. Common Property Harvest**

<b>7. Commercial Harvest</b>	
a. Troll	<input type="text"/>
b. Gillnet	<input type="text"/>
c. Seine	<input type="text" value="62,043"/>
d. Other (annotate for each Other commercial return)	<input type="text" value="Other commercial"/> <input type="text" value="Other commercial comment"/>
<b>Total Commercial Harvest</b>	<input type="text" value="62,043"/>
<b>8. Noncommercial Harvest</b>	
a. Sport	<input type="text" value="300"/>
b. Personal Use	<input type="text"/>
c. Subsistence	<input type="text"/>
d. Other (annotate for each Other noncommercial return)	<input type="text" value="Other noncommercial"/> <input type="text" value="Other noncommercial comment"/>
<b>Total Noncommercial Harvest</b>	<input type="text" value="300"/>
9. Total Common Property Harvest (sum 7 and 8)	<input type="text" value="62,343"/>
10. Total Return (sum 6 and 9)	<input type="text" value="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**

**Harvest Comments**

**12. Disposition of Hatchery Escapement**

a. Traditional harvest fish	# fish sold	lbs fish		
	adults	<input type="text" value="4,275"/>	<input type="text" value="19,947"/>	
	jacks	<input type="text"/>	<input type="text"/>	
	total	<input type="text" value="4,275"/>	<input type="text" value="19,947"/>	
b. Roe-recovery fish	# fish	lbs fish	lbs roe	
	Sold	<input type="text"/>	<input type="text"/>	
	Donated	<input type="text"/>	<input type="text"/>	
	Disposed	<input type="text"/>	<input type="text"/>	
	total number of fish	<input type="text"/>	<input type="text"/>	
c. Carcasses	# Sold	# Donated	# Disposed	Total

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

**Disposition Comments**

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**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 expected return	
						minimum	maximum
	CHUM			KITOI BAY 252-31	148,000	110,000	185,000
<b>CHUM</b>					<b>148,000</b>	<b>110,000</b>	<b>185,000</b>
	COHO			CRESCENT LK 252-36 (B)	2,860	2,145	3,575
	COHO			JENNIFER LK 252-31 (B)	4,192	2,808	5,575
	COHO			KATMAI LK 259-10	680	510	850
	COHO			KITOI BAY 252-31	154,000	133,000	204,000
	COHO			RUTH LK 252-30 (B)	600	402	798
<b>COHO</b>					<b>162,332</b>	<b>138,865</b>	<b>214,798</b>
	PINK			KITOI BAY 252-31	10,321,711	8,193,622	13,223,982
<b>PINK</b>					<b>10,321,711</b>	<b>8,193,622</b>	<b>13,223,982</b>
	SOCKEYE			KITOI BAY 252-31	69,689	46,460	92,919
<b>SOCKEYE</b>					<b>69,689</b>	<b>46,460</b>	<b>92,919</b>

**COMMENTS:**

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