



State of Alaska
Department of Fish and Game
Division of Sport Fish

Nomination Form
Anadromous Waters Catalog

Region SCN USGS Quad(s) TYONEK A-4

Anadromous Waters Catalog Number of Waterway 247-20-10010-2040

Name of Waterway USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>09-214 1575</u>	<u>[Signature]</u>	<u>10/30/09</u>
		Fisheries Scientist	Date
Revision Year:	<u>2010</u>	<u>[Signature]</u>	<u>10/30/09</u>
Revision to:	Atlas <input type="checkbox"/> Catalog <input type="checkbox"/>	Habitat Operations Manager	Date
	Both <input checked="" type="checkbox"/>	<u>[Signature]</u>	<u>02/17/09</u>
		AWC Project Biologist	Date
Revision Code:	<u>B-1</u>	<u>[Signature]</u>	<u>12/18/09</u>
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Chum salmon	<u>10100</u> May - July, 2008		X	X	<input checked="" type="checkbox"/>
<u>Chum salmon</u>	<u>-2040</u> June, 2008		X	X	<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: Chum salmon juvenile observations recorded in Chuit River Freshwater Fish Studies, 2008 Progress Update and Data Report, April 21 - 23. Prepared by PacRim Coal LP By - LGL Alaska Research Associates, Inc August 6, 2008

Add chum salmon present/rearing to 247-20 10100
Add chum salmon rearing to 247-20 10100 2040

Name of Observer (please print): Matt Nemeth
 Signature: [Signature] Date: 3-11-09
 Agency: LGL Alaska
 Address: 111 E 76th Ave, Suite B
Anchorage AK 99518

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog.

Signature of Area Biologist: _____ Date: _____ Revision 05/08
 Name of Area Biologist (please print): _____

Chuitna R. study
Selected pts for Chum salmon juvenile observations
not documented in AWC

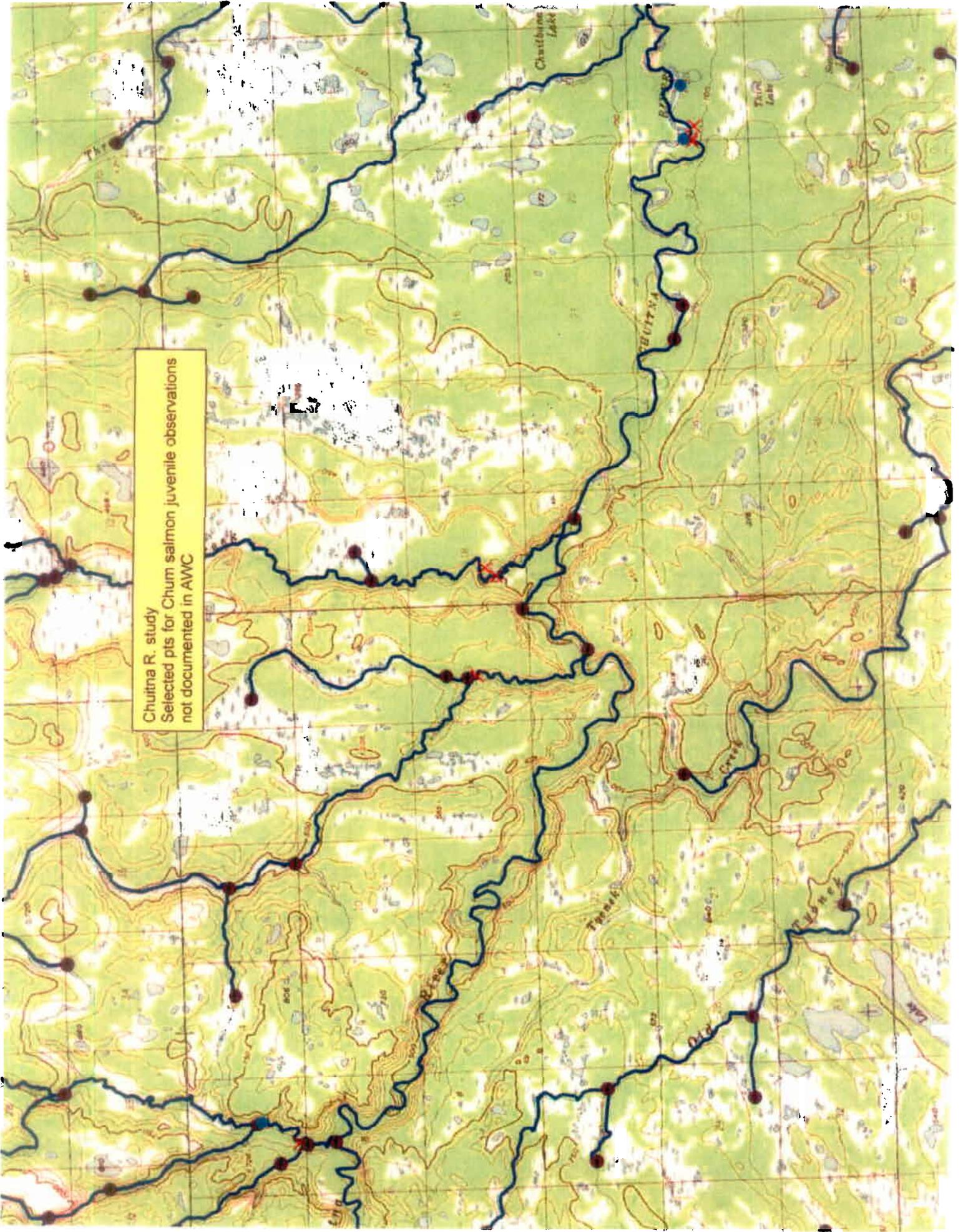


Table 2. Locations of sampling sites and camps in the Chuit River freshwater fish study through July 23, 2008. WGS84 datum.

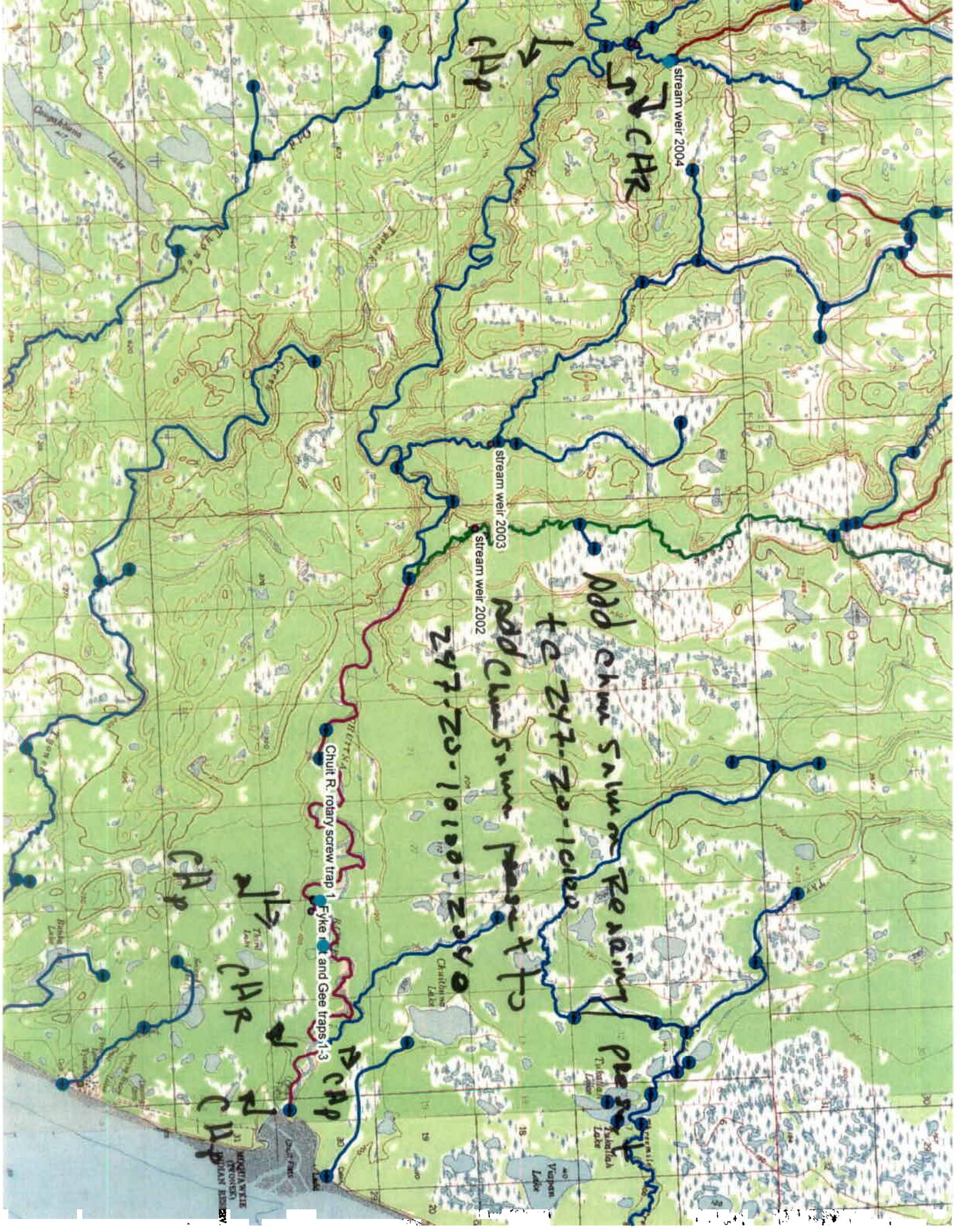
Location	Latitude	Longitude
Stream 2002		
Weir	61.12633	151.30415
Camp	61.12771	151.30199
Stream 2003		
Weir	61.12908	151.32979
Stream 2004		
Weir	61.15707	151.44278
Fyke net	61.15186	151.44899
Camp	61.15251	151.44841
Chuit River		
Rotary screw trap 1 (RST1)	61.10175	151.19365
Rotary screw trap 2 (RST2)	61.10188	151.18002
Fyke net and Gee traps 1, 2, and 3	61.10073	151.19418
Gee trap 4	61.10083	151.19342
Gee traps 5 and 6	61.10040	151.19037

Table 4a. Fish catch by month in weirs on study streams 2002, 2003 and 2004 through July 23, 2008.

Species	Weir 2002			Weir 2003			Weir 2004	
	May	June	July	May	June	July	June	July
Lamprey (ammocoete)	1	155	42	10	37	14	3	7
Arctic lamprey	6	264	19		201	5	1	2
Chinook salmon - adult			2			1		1
Chinook salmon - juvenile		138	32	1	8	2	22	1
Chum salmon - juvenile							1	
Coastrange sculpin			8	1		2		17
Coho salmon - adult			4					
Coho salmon - juvenile	2	2,664	5,745	10	7,058	8,396	4,530	3,083
Dolly Varden		3	1	61	45	1	37	3
Ninespine stickleback								
Pacific lamprey			6					
Pink salmon - adult			1					
Pink salmon - juvenile								
Rainbow trout		23	14	4	14	12	49	75
Slimy sculpin		3	15	1	5	7	17	7
Sockeye salmon - juvenile								
Threespine stickleback		6						
Unidentified lamprey	17				6			
Unidentified sculpin	1	2	1	3		1		3
Unknown			7		1			
Total	27	3,258	5,897	91	7,375	8,441	4,660	3,199

Table 4b. Fish catch by month in rotary screw traps (RST1 and RST2) through July 23, 2008.

Species	RST1			RST2		
	May	June	July	May	June	July
Ammocete	79	144	149	82	60	45
Arctic lamprey	12	48	101	4	13	23
Chinook salmon - adult						
Chinook salmon - juvenile	160	625	392	195	681	140
Chum salmon - juvenile	1		1	1	2	
Coastrange sculpin	12	7	8	15	11	1
Coho salmon - adult						
Coho salmon - juvenile	161	527	1,024	140	804	537
Dolly Varden	9	2		11	13	2
Ninespine stickleback	3		2	2		
Pacific lamprey						
Pink salmon - adult						
Pink salmon - juvenile	32	60	1	13	18	3
Rainbow trout	2	18	69	2	11	20
Slimy sculpin	12	5	1	6	11	4
Sockeye salmon - juvenile	5	1		4	4	1
Threespine stickleback	1	3	4	1	11	6
Unidentified lamprey						
Unidentified sculpin			2	4	1	
Unknown	2	1		3	1	
Total	491	1,441	1,754	483	1,641	782



CHP

CHR

Add chum salmon rearing pens to 247-25-10100-2440
Add chum salmon pens to 247-25-10100-2440

CHP

CHR

CHP

CHP

stream weir 2004

stream weir 2003

stream weir 2002

Chum R. rotary screw trap 1

Fyke net and Gee traps 1-3

CHUGACHANA LAKE
CHARDINE LAKE
VIGGEN LAKE
TOSOLUK LAKE
KUSULOOK LAKE