State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Fish Distribution Database

Region: SWT

USGS Quad(s): Naknek A-1

Fish Distribution Database Number of Waterway: 322-10-10080-2011-3130

Name of Waterway: Gertrude CK

☐ USGS Name ☐ Local Name

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	05 027		1/6/06
		ADF&G Fisheries Scientist	Date
Revision Year:	2007		1/6/06
Revision to: Atlas ____ Catalog ____		ADNR OHMP Operations Mgr.	Date
Both ☒			07/11/05
		FDD Project Biologist	Date
Revision Code:	B-1		1/24/06
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Sockeye Salmon	1997-1999			✓	☑
					☐
					☐
					☐
					☐

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:

Add Sockeye salmon presence to stream based on data from USFWS reports

Name of Observer (please print): Cheryl Dixon USFW King Salmon

Signature: Joe Buchwalter

Date: 06/28/05

Address:

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 Fish Distribution Database.

Signature of Area Biologist: _____ Date: _____

Revision 02/05

Name of Area Biologist (please print):

Appendix Table 15. Aerial survey counts of chum salmon escapement, Egegik District, 1983-2003.

Year	Egegik River	Shosky Creek	Whale Mountain Creek	Mossy Creek	Mink Creek	Gertrude Creek	Kaye's Creek	Takayoto Creek	Angle Creek[b]	Contact Creek	King Salmon River	Total
1983	6[c]					5,000		3,500		6,000		14,500
1984	800	200				13,000		2,400		10,000		26,400
1985	400	0	600	200	35	2,600	800	0		500	50	5,185
1986	0	0	6,025			140	3	5	0	15	25	6,213[d]
1987	150	0	19,000	16	1,000	3,770	2,780	0		2,850		29,566
1988	500	50	4,400	100	50	5,200	1,600	0		3,200		15,100
1989	0	10	3,200	25	100	1,100	0	0		200	14	4,649
1990	72[c]	0	2,000	0	150	1,675	80	0		750		4,727
1991	0[c]	0	1,500	70	100	990	280	0		480		3,420
1992[e]	50	0	680	15	25	4,500	400	0		3,630	200	9,500
1993	100	0	1,020	8	1	1,075	0	0		100		2,304
1994[e]	42[c]	0	1,700	5	7	760	175	30		260		2,979
1995[e]	144[c]	2	395	15	30	560	162	5		600		1,913
1996	12	[f]	438	4	20	530	[f]	24	[f]	633	[f]	1,661
1997	0[c]	[f]	220	8	10	495	290	60	[f]	640	[f]	1,723
1998	17[c]	8	1,480	4	[f]	920	4	4	[f]	140	[f]	2,577
1999	6[c]	[f]	1,040	4	[f]	243	[f]	4	[f]	140	[f]	1,437
2000	0[c]	[f]	492	4[f]	[f]	475	32	6	[f]	180	[f]	1,189
2001	0[c]	[f]	424	6	[f]	494	40	30	[f]	1,240	[f]	2,234
2002	0[c]	[f]	284	5	[f]	302	16		[f]	150	[f]	757
Mean	121	21	2,494	29	127	2,191	416	319	0	1,585	72	6,902
2003	0[c]	0	540	70	50	690	0	0	[f]	3,800	[f]	5,150

[a] Peak aerial counts unless otherwise noted. Data not expanded.
[b] Angle Creek is usually too turbid to survey.
[c] Tower count.
[d] Survey 10-14 days later than normal.
[e] Helicopter surveys.
[f] No Count.

Appendix Table 14. Aerial survey counts of Chinook salmon escapement, Egegik District, 1983-2003.

Year	Egegik River	Shosky Creek	Whale Mountain Creek	Mossy Creek	Mink Creek	Gertrude Creek	Kaye's Creek	Takayoto Creek	Angle Creek[f]	Contact Creek	King Salmon River	Total
1983						860		380		375		1,615
1984	40	300				600		350		110		1,400
1985	75	80	0	15	10	260	230	315		95		1,080
1986	65	150	48	0	0	150	46	40		18	15	532[b]
1987	15	174	2	74	0	408	284	232	2	88		1,279
1988	50	151	0	12		248	120	177		110		868
1989	14	90	13	43	7	310	120	300		100		997
1990	24[c]	85	7	35	2	260	175	175		205		968
1991	0[c]	62	60	30	33	83	117	95		73		553
1992[d]	15	143	52	54	22	416	320	190		296		1,508
1993	80	58	6	38	6	350	170	200		235		1,143
1994[d]	66[c]	48	32	118	77	840	214	230		705		2,330
1995[d]	60[c]	32	10	53	103	456	248	130		275		1,367
1996	42[c]	102	8	38	20	230	74	123	6	203	[g]	846
1997	30[c]	39	2	18	10	260	173	374	[g]	740	[g]	1,646
1998	0[c]	29	45	55	[g]	320	165	120	[g]	329	[g]	1,063
1999	6[c]	75	10	51	[g]	165	6	115	[g]	145	[g]	573
2000	0[c]	4	0	16	[g]	85	41	73	[g]	341	[g]	560
2001	0[c]	32	0	35	[g]	116	120	153	[g]	299	[g]	755
2002	0[c]	24	4	0	[g]	277	220	149	[g]	238	[g]	912
Mean	31	88	17	38	24	335	158	196	4	249	15	1,100
2003	0[c]	35	0	20	10	297	180	313	[g]	197	[g]	1,052
Deviation[e]		-60%	-100%	-47%		-11%	14%	60%		-21%		-4%

[a] Peak aerial counts unless otherwise noted. Data not expanded.
[b] Survey 10-14 days later than normal.
[c] Tower count.
[d] Helicopter surveys.
[e] 2003 deviation from 1981-2002 average.
[f] Angle Creek is usually too turbid to survey.
[g] No Count.

Appendix Table 16. Aerial survey counts of pink salmon escapement, Egegik District, 1983-2003.[a]

Year	Egegik River	Whale Mountain Creek	Gertrude Creek	Contact Creek	Other	Total
1983			58 [c]			58
1984	17,000					17,000
1985						
1986	2,500					2,500
1987						
1988	23,000					23,000
1989	300					300
1990	17,000		40 [c]			17,040
1991		88 [d]	24 [d]	36 [d]		148
1992[e]	6 [b]	10			3	13
1993	50					50
1994	21,282 [b]					21,282
1995	24 [b]					24
1996	103,116 [b]					103,116
1997	0 [b]		1,290 [f]			1,290
1998	2 [b]		2,487 [f]			2,489
1999	6 [b]		1,125 [f]			1,131
2000[g]	0 [b]					
2001[g]	0 [b]					
2002[g]	0 [b]					
Mean	13,161	49	837	36	3	12,629
2003[g]	0 [b]					

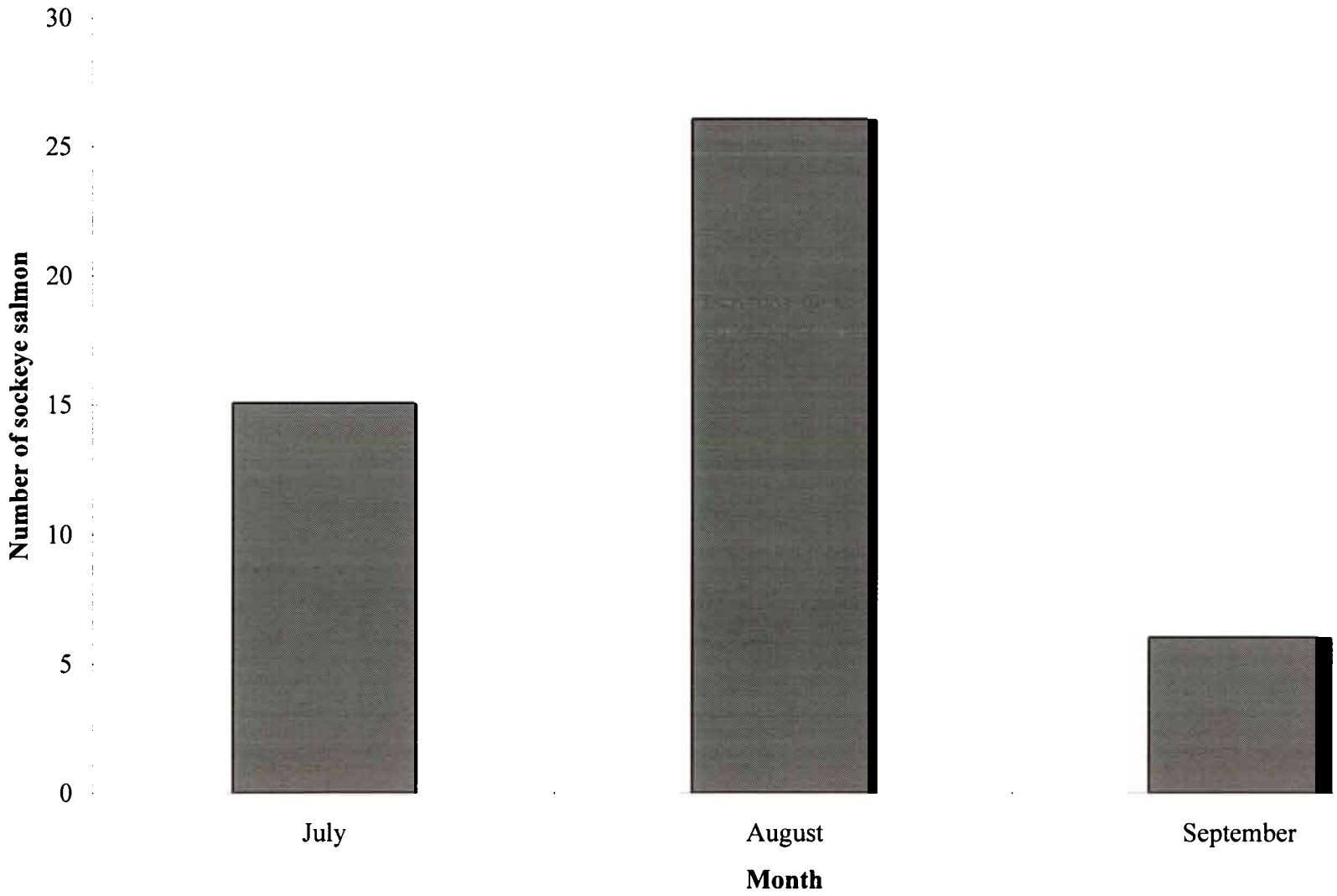
[a] Non-expanded aerial peak counts unless otherwise noted.
[b] Tower counts.
[c] Float count.
[d] Foot survey (USFWS).
[e] Helicopter surveys.
[f] Gertrude Creek Weir count.
[g] No Counts.

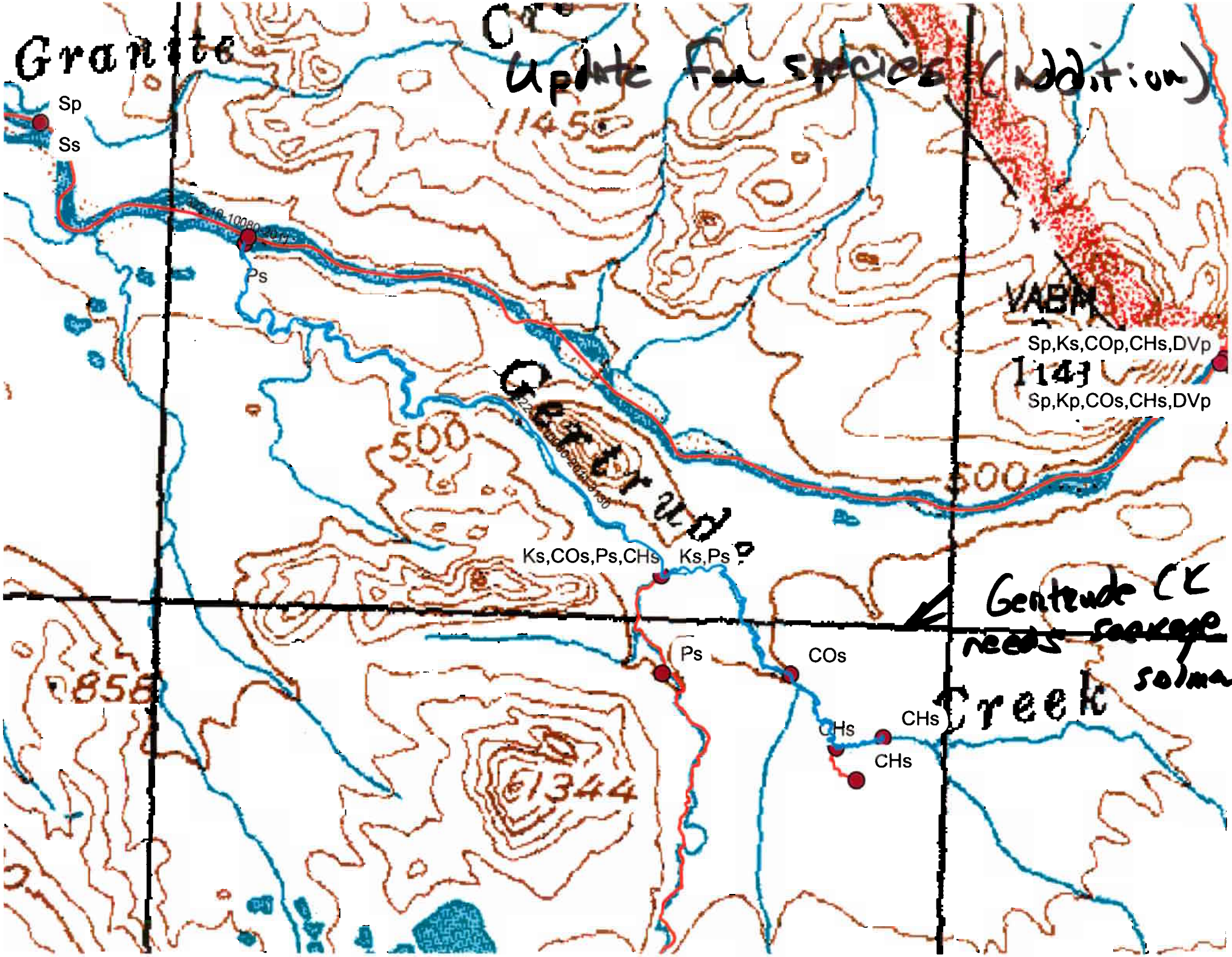
Table 1.-Total sockeye salmon count by month at the Gertrude Creek weir, 1997-1999.

Month	Sockeye salmon count
April	29
May	93
June	90
July	93
August	93
September	46
Total	**444**

Reference: Cheryl Dion, Fishery Biologist, USFWS, King Salmon; personal communication.

Run timing of adult sockeye salmon observed at the USFWS Gertrude Creek weir, 1997-1999; n = 47.




Granite
Update for species (addition)
Sp
Ss
1450
Ps
VABM
Sp,Ks,COp,CHs,DVp
1143
Sp,Kp,COs,CHs,DVp
500
Gertrude
500
Ks,COs,Ps,CHs
Ks,Ps
Gertrude CK
needs sockeye
salma
Ps
COs
858
CHs
CHs
CHs
Creek
1344