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

Nomination Form
Anadromous Waters Catalog

281

egion: Southcentral USGS Quad(s): Anchorage A-2

Anadromous Waters Catalog Number of Waterway: 222-50-12580

Name of Waterway: Jonah Creek ☑ USGS Name ☐ Local Name

☐ Addition ☐ Deletion ☐ Correction ☑ Backup Information

For Office Use

Nomination #: 100137

Revision Year: 2011

Revision to: Atlas ____ Catalog ____ Both ____

Revision Code: F-1

Fisheries Scientist ____ Date ____

Habitat Operations Manager ____ Date 19Feb10

AWC Project Biologist ____ Date ____

Cartographer ____ Date ____

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Pink	1979-2006			X	☑
Chum	1979-2006			X	☑
					☐
					☐
					☐

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: Aerial surveys have been conducted on this system since 1979 and observers have documented the presence of chum and pink salmon. See the attached aerial survey spreadsheets for substantiation.

ICC1#258

Name of Observer (please print): - Cordova CF Staff

Signature: -

Agency: - Alaska Department of Fish & Game

Address: - PO Box 669

- Cordova, AK 99574

- Date: 11/2/2009

Date: ____

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: ____

Name of Area Biologist (please print):

Revision 05/08

C:\working\awc\2010\substantiate\cordova\Nominations Group 1\[Historical Pink AUC 1979-2006.xls]Pivot Pink salmon

PINK SALMON

Area under the curve totals by District, Subdistrict, and Stream, 1979-2006. These totals are NOT adjusted for stream life or observer efficiency

Index Stream?	1	1= index Stream and 0 = non index stream

Sum of P_AUC			Year																											
Distict	SubDist	Strnum	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
221	10	2	0	0	32,610	94,475	36,980	367,350	51,320	33,450	47,655	26,425	33,065	69,065	85,020	33,536	41,800	156,275	66,628	177,900	48,240	119,100	83,950	351,900	324,406	346,010	284,600	503,438	766,713	181,225
		5	NA	0	0	0	0	0	9,875	8,450	24,000	13,330	447	9,526	2,008	2,595	4,605	26,963	20,665	11,725	3,330	12,150	25,950	47,420	35,775	14,020	36,015	9,485	432,135	21,075
		11	192,818	13,285	63,265	15,090	176,105	309,990	372,175	279,180	325,820	27,730	109,635	18,982	51,610	3,802	98,876	54,914	140,600	96,550	118,225	157,405	203,750	265,950	386,950	72,385	480,850	234,375	486,820	45,681
	20	19	5,690	415	4,820	4,930	17,900	44,475	44,640	4,730	38,500	6,050	17,575	14,470	10,725	1,340	4,900	4,236	34,325	25,890	84,990	10,700	33,100	83,650	50,900	5,240	256,350	35,740	54,750	11,400
		20	12,903	155	37,535	8,500	35,420	121,125	154,550	5,538	59,685	15,270	27,870	2,527	35,525	82	33,547	2,329	62,150	15,450	21,568	11,440	55,500	14,323	125,600	8,525	161,300	21,175	101,825	5,250
		21	166,635	3,705	49,520	12,595	35,110	70,575	224,550	25,925	129,480	34,120	25,065	4,305	27,675	1,790	25,103	2,761	45,230	7,640	34,450	10,714	55,190	19,293	119,500	10,685	127,750	55,340	76,650	13,450
		23	106,800	1,763	42,275	31,565	51,050	421,600	314,500	119,050	215,650	65,275	36,850	8,684	69,800	35	70,283	23,300	184,175	48,400	35,800	61,238	74,200	44,600	177,464	11,325	868,550	120,813	282,850	50,004
		35	1,874,750	860,250	1,220,900	934,400	845,075	2,530,850	1,030,200	430,500	582,470	610,650	236,350	575,880	234,635	37,035	424,800	279,825	561,925	855,650	785,700	139,675	621,960	242,500	426,910	97,725	1,246,500	583,250	634,050	141,388
		36	409,825	198,900	230,350	286,500	271,950	970,225	256,050	321,975	246,495	331,875	167,050	405,170	234,810	193,420	678,675	1,432,750	1,302,300	1,597,688	1,253,750	1,124,100	336,960	721,800	445,875	140,125	1,048,800	1,064,000	1,051,850	338,925
		37	15,285	7,635	17,095	8,970	8,895	47,160	35,670	6,895	45,765	15,375	28,122	31,060	26,835	5,840	33,481	21,015	42,025	77,455	26,500	10,435	36,150	24,280	27,450	8,480	74,128	30,360	100,725	14,200
	30	41	3,225	5,350	1,225	25,048	13,475	62,850	41,850	6,063	20,025	9,738	21,750	68,865	24,208	1,195	20,800	16,988	52,410	175,600	20,700	16,675	47,750	67,525	38,420	22,150	67,225	51,930	88,233	19,700
		45	4,000	3,925	60,600	2,825	151,350	10,038	86,250	0	72,900	1,110	82,800	46,878	102,900	140	100,616	2,110	76,100	4,950	97,350	4,300	94,670	69,128	156,225	9,125	444,050	22,850	146,413	20,100
		46	58,050	44,925	265,075	77,075	241,900	244,153	218,150	100,775	120,175	67,600	125,285	105,625	129,050	11,655	198,930	70,003	334,655	279,550	333,660	72,430	444,850	213,475	268,650	143,300	784,800	223,088	601,125	117,438
		48	232,650	203,950	485,400	541,150	403,800	1,229,200	598,250	836,575	512,400	681,713	353,400	604,575	239,143	194,500	290,910	716,500	325,795	797,525	297,330	444,500	554,550	668,500	485,508	401,600	1,373,500	1,544,750	1,937,900	528,300
		49	5,628	7,085	11,523	6,568	14,648	22,045	8,400	6,973	15,095	8,870	10,217	51,850	10,195	140	7,893	13,078	11,225	17,035	18,048	9,485	8,420	21,600	17,180	6,620	35,730	25,135	52,800	27,600
		51	1,612,800	300,700	1,137,000	530,075	396,975	1,035,938	807,000	417,850	361,940	416,688	325,500	391,940	454,950	194,175	451,090	715,175	397,825	543,250	264,400	239,800	370,450	601,900	688,500	155,300	1,532,400	1,459,450	1,869,750	167,750
		52	356,750	176,225	565,800	234,550	424,700	494,550	1,099,000	141,625	491,475	194,600	185,000	303,775	383,705	96,850	327,310	373,625	345,545	341,250	202,650	157,800	247,800	282,065	439,700	81,050	699,750	666,000	1,158,087	100,375
		54	108,550	30,013	65,025	33,975	99,550	29,500	74,500	12,888	66,525	19,513	56,070	26,205	100,255	1,013	64,350	20,058	60,435	20,765	32,700	9,305	50,900	28,825	51,075	6,475	135,190	37,600	99,440	9,200
		56	255,250	53,500	202,250	78,525	99,050	178,475	160,600	55,425	114,420	155,700	139,400	124,520	109,700	53,550	174,585	143,600	134,455	202,348	141,050	62,635	67,950	133,550	297,310	99,075	364,350	299,750	245,675	84,000
	40	71	7,775	1,713	915	4,005	13,654	0	8,850	4,628	0	0	NA	6,850	8,818	560	230	1,005	NA	NA	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
		73	7,185	2,330	738	3,013	9,210	0	3,540	3,308	0	0	NA	8,200	8,070	1,120	115	403	NA	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
		76	912,000	67,500	969,000	113,363	238,600	416,750	276,000	138,750	336,950	181,875	226,364	477,435	383,946	107,341	189,025	250,975	339,438	152,840	200,430	72,750	502,600	328,650	315,770	110,785	693,000	236,025	454,525	68,813
		80	800,050	84,000	430,000	143,500	214,300	324,000	481,250	142,150	451,340	311,350	166,100	239,775	289,700	106,955	98,970	245,338	183,300	209,800	192,105	172,750	122,800	418,100	313,991	48,650	1,390,650	754,425	798,175	109,775
		83	572,000	121,725	337,200	121,783	33,590	250,500	68,450	102,250	73,460	99,950	28,925	117,950	44,350	26,825	22,375	117,350	37,720	74,150	42,025	53,225	45,300	81,225	5,025	7,650	212,350	151,900	170,100	107,025
		87	108,725	27,450	63,250	81,515	113,800	422,125	256,500	53,825	65,550	20,775	4,200	31,633	147,300	48,600	126,650	99,100	57,023	161,050	6,450	185,425	10,800	95,900	7,430	0	297,550	118,350	547,200	102,075
		88	41,205	11,478	26,290	10,810	45,190	37,170	38,315	15,500	47,170	12,610	21,301	24,830	27,734	8,560	18,708	38,066	13,575	26,160	13,793	42,268	20,870	115,350	15,900	27,875	38,243	44,450	161,225	15,171
		89	713,000	290,900	621,500	253,650	318,500	725,300	470,500	479,550	444,200	546,550	166,750	311,375	294,500	179,245	209,475	388,300	266,200	324,800	216,350	282,825	332,700	445,400	350,700	126,050	370,650	677,825	456,675	160,619
		92	55,810	18,080	31,265	12,800	30,680	31,575	38,130	17,370	44,705	41,300	10,680	34,170	20,369	2,412	9,201	12,626	21,495	21,150	12,250	14,350	6,555	25,275	13,098	7,200	192,050	67,450	49,800	6,750
		93	56,598	6,150	31,050	7,930	25,200	34,875	75,975	21,075	53,030	24,650	17,017	21,990	33,205	4,085	19,329	12,945	28,235	12,038	17,168	18,960	11,470	32,750	27,000	15,700	63,150	53,925	38,875	30,300
		94	17,900	8,250	13,850	13,763	22,500	49,925	15,550	16,878	14,700	36,825	24,840	41,775	50,060	2,260	4,565	18,875	8,263	16,745	5,650	11,725	21,250	49,750	25,170	5,275	59,950	39,750	39,455	11,100
		99	295,395	37,705	127,100	121,510	82,790	294,500	217,700	161,480	84,008	89,710	82,330	252,550	226,605	84,305	144,925	148,190	129,820	176,625	110,230	146,900	60,120	253,100	80,525	49,900	281,940	215,200	386,150	159,120
	50	99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5,800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		106	0	15,075	7,085	20,870	21,470	71,725	32,197	13,233	40,590	52,750	33,615	52,625	47,944	13,882	21,325	58,225	15,825	10,765	11,500	9,913	7,600	33,155	18,213	13,220	16,318	40,025	22,725	25,960
		107	0	5,691	731	438	1,215	2,494	3,038	2,213	7,170	11,055	8,251	13,215	16,215	3,108	7,537	5,935	5,338	6,605	3,850	1,713	3,055	20,690	8,625	3,043	21,000	9,575	5,913	1,872
		114	0	2,150	21,375	5,300	2,010	25,035	4,325	215	19,330	8,175	7,210	30,950	31,625	2,399	9,840	27,688	11,113	10,330	4,063	5,370	24,750	34,265	210	2,850	1,774	2,173	2,050	5,811
		115	54,840	91,805	153,000	625,493	116,275	812,000	74,100	81,370	128,200	222,930	168,850	408,000	164,230	208,905	155,400	621,700	93,475	260,250	73,150	104,410	22,550	140,775	68,800	47,870	305,900	285,525	249,675	154,355
		116	300,200	164,700	280,250	318,350	202,150	1,008,350	339,150	412,030	428,750	902,550	363,000	852,700	208,875	238,725	144,405	1,487,600	230,473	1,178,350	185,435	413,300	33,650	741,000	370,000	69,125	231,200	388,350	457,648	229,300
		117	284,000	366,975	402,050	365,025	156,400	475,125	262,400	122,975	246,900	181,275	332,500	322,275	295,800	128,600	135,400	491,125	200,325	197,813	86,225	148,800	160,911	235,800	392,715	157,925	377,800	468,750	892,575	129,900
		120	10,350	23,113	23,185	23,213	19,750	50,100	7,090	10,050	18,725	12,225	45,850	16,763	38,285	7,163	17,293	20,400	21,900	11,000	17,005	17,425	11,850	14,650	18,100	11,940	16,350	18,015	45,850	32,050
		121	64,610	104,425	161,150	104,600	126,750	130,065	141,350	29,440	90,900	21,300	57,325	69,240	156,300	75,913	63,800	80,968	116,945	56,213	39,775	46,000	27,750	27,810	40,505	21,575	75,200	76,175	115,550	72,950
		122	NA	0	12,625	7,138	22,710	29,169	5,550	898	2,950	375	19,350	7,980	8,650	4,465	350	4,700	39,910	4,950	4,800	3,000	8,670	1,725	1,400	0	66,600	11,050	104,275	10,065
		123	59,750	72,325	101,525	72,500	86,250	176,190	173,500	35,925	77,890	30,275	40,360	42,385	123,880	48,550	81,428	93,600	65,733	65,105	22,145	30,120	15,560	22,288	41,500	21,800	18,150	38,188	115,350	31,900
		127	96,250	201,625	355,650	408,950	240,000	1,451,500	427,500	256,525	255,750	30,250	63,050	78,545	321,650	515,125	109,355	314,514	142,750	204,025	49,450	149,463	14,550	86,175	32,625	40,925	201,450	126,050	1,063,450	176,775
		129	62,750	90,600	164,000	231,275	134,050	353,625	241,050	124,075	175,900	65,600	30,350	32,950	71,285	92,988	80,600	140,950	24,828	116,750	18,920	49,520	34,950	50,250	46,800	48,825	161,750	92,475	323,560	121,700
		152	13,020	31,835	4,340	83,288	38,025	536,900	140,680	112,605	152,735	22,595	67,538	107,145	148,480	121,765	168,754	296,145	60,268	102,195	12,473	110,570	13,500	55,850	58,460	22,175	173,550	151,235	533,900	139,240
		153	364,000	360,400	265,400	903,550	234,750	1,374,100	482,500	266,100	164,000	126,125	162,300	178,700	301,380	181,738	258,360	506,750	159,035	382,575	161,900	180,150	312,750	198,800	119,725	67,475	382,400	214,250	566,300	196,175
	61	131	13,525	22,350	32,155	90,750	9,915	61,518	19,450	20,855	17,240	3,200	27,255	8,400	26,400	11,375	14,775	18,120	6,058	10,284	24,450	20,650	4,910	6,178	6,685	NA	NA	0	NA	NA
		133	19,000	64,070	74,040	131,720	14,590	147,493	44,720	54,620	40,892	27,413	24,250	54,775	43,198	45,995	30,360	92,720	15,053	13,361	26,550	64,028	8,570	66,730	17,375	NA	NA	0	NA	NA
		137	0	NA	0	NA	0	NA	0	0	50,080	27,550	0	11,208	600	NA	0	NA	NA	0	NA	0	NA	NA	NA	NA	NA	NA	NA	NA
		143	0	NA	NA	NA	NA	NA	0	142,888	151,900	93,690	49,300	48,948	27,438	68,980	74,955	97,484	19,985	39,050	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
		145	NA	0	NA	NA	0	NA	0	5,830	106,140	12,325	15,790	5,325	12,175	18,535	10,625	54,463	9,168	7,498	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		148	0	32,097	54,189	29,325	6,615	92,455	11,680	21,900	37,060	6,125	27,555	2,220	2,390	755	8,500	61,650	14,933	7,820	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
222	10	204	NA	0	0	17,330	234	4,110	0	NA	0	NA	NA	1,500	29,943	0	233	570	4,625	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		208	NA	0	22,618	43,080	17,615	8,500	2,360	3,685	0	NA	NA	2,093	30,975	177	16,361	4,513	5,160	0	0	633	29,500	300	39,000	0	6	6,650	57,650	3,150
		209	NA	0	NA	4,825	3,850	245	0	0	1,100	700	3,170	275	2,900	630	3,550	85	1,315	0	0	793	12,520	0	1,505	180	2,360	3,025	27,850	550
		210	NA	0	NA	4,028	1,630	395	0	0	1,320	700	1,440	0	1,800	0	7,450	880	1,345	0	0	0	650	0	0	775	2,090	2,200	13,900	343
		213	5,813	11,215	7,695	8,625	6,225	14,825	743	3,424	8,475	2,775	11,775	1,480	9,680	364	11,403	9,100	4,225	13,625	2,700	11,735	2,310	6,575	15,400	2,268	27,800	20,195	100,330	7,500
		214	176,060	97,700	180,250	292,400	139,250	524,775	141,850	85,850	24,150	12,900	81,350	46,658	159,630	88,175	139,850	220,200	162,750	296,650	16,250	159,650	176,300	120,775	212,500	48,225	208,500	72,425	436,200	95,600
		216	19,025	58,700	65,850	184,200	55,400	738,150	21,700	174,500	23,850	282,550	97,550	160,608	99,850	103,325	164,420	223,225	146,275	374,600	71,835	133,068	153,650	305,090	180,100	369,750	223,740	222,465	178,550	358,100
		217	25,425	6,380	59,450	52,425	21,370	196,050	2,010	57,010	17,100	67,075	119,825	63,644	54,449	39,585	57,686	89,885	78,750	111,530	32,825	103,070	15,375	147,948	86,150	12,350	52,650	67,600	94,650	82,300
		218	0	0	0	6,175	0	6,138	1,800	0	0	2,250	8,450	9,780	4,225	870	26,125	1,525	26,475	58,300	15,900	3,618	13,500	6,600	20,450	215	11,500	0	58,650	5,350
	20	221	35,000	1,995	10,035	5,348	26,575	23,225	25,300	12,775	4,025	46,330	32,350	23,563	6,140	6,676	23,825	15,950	13,925	75,200	6,800	10,705	6,070	39,440	14,600	5,355	8,400	11,163	73,675	22,550
		224	163,750	10,425	151,000	70,600	140,250	127,500	183,000	18,800	54,000	29,020	99,355	59,475	41,990	10,438	52,761	1,011	82,375	45,860	28,900	9,475	118,140	21,915	35,105	3,150	60,500	21,640	54,475	13,950
		227	0	7,748	12,000	8,200	63,500	165,150	74,500	11,350	143,275	224,565	49,550	92,250	20,500	20,153	26,800	11,760	18,640	20,998	11,200	17,800	18,750	54,238	64,550	10,040	46,200	27,425	118,500	146,875
		229	46,100	78,650	95,875	135,700	185,300	434,250	187,275	150,350	147,020	505,575	106,075	164,263	80,350	77,613	69,800	132,975	50,250	100,300	35,250	38,055	97,250	151,050	121,700	52,300	44,860	122,925	111,650	112,350
		232	NA	0	5,300	17,280	2,813	21,770	7,713	7,080	6,475	2,950	585	8,175	1,500	0	1,753	4,035	33,520	4,535	2,025	5,885	585	975	70	2,975	10,975	8,110	11,500	32,850
		233	NA	0	26,300	21,005	28,080	64,050	65,840	13,550	35,225	20,585	8,185	42,125	10,950	11,550	6,550	48,600	3,423	59,640	4,450	15,685	19,950	23,250	3,075	8,325	37,300	26,709	34,650	31,460
		234	1,903,250	215,800	1,744,500	807,700	922,125	1,028,900	1,000,000	670,560	745,000	134,288	515,000	135,940	320,490	207,900	449,810	488,365	308,950	498,315	84,550	741,250	322,700	262,425	140,750	584,000	411,450	383,804	1,931,300	549,825
		257	NA	0	43,450	24,390	29,600	248,900	625	20,663	7,150	3,808	265	3,383	360	17,319	550	25,875	1,250	22,570	2,980	2,288	14,400	102	3,470	1,235	210,825	10,990	726,200	76,915
		258	1,482,000	182,850	704,000	467,850	311,500	1,614,000	546,800	514,275	374,000	23,225	108,145	89,425	271,750	99,730	174,150	429,825	41,270	302,850	214,700	543,990	503,000	289,863	330,850	70,125	954,250	317,925	1,038,500	422,800

C:\working\aws\2007\salmon\...\Historical Charts AUC 1979-2006.xls]Pivot Chart ...

NOTES:

Area under the curve totals by District, Subdistrict, and Stream, 1979-2006. These totals are NOT adjusted for stream life or observer efficiency

Index Stream?	1

1 = index Stream and 0 = non index stream

Sum of C_AUC			Year																											
District	SubDist	Stream	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006