POTENTIAL FISH HATCHERY SITE

Reported by: Robert T. Baade Date: 4/21/69

COMMENTS

1. Site (name) location.

Klawak Lake near the town of Klawak on Prince of Walon Island

2. Usable land area -
40 plus acres desirable.

An excellent hatchery site exists at the mouth of Three-Mile Creek on the lake and another near the mouth at the outlet creek at the head of the tide.

3. Adequate and dependable water supply. 5-10 c.f.s.

For the lake location, Three-Mile Creek would be the source of water supply and is estimated to have a winter minimal flow of 10-15 c.f.s.
The site on the outlet streamwould tap the lake for temperature selectivity. The average lake overflow is 170 c.f.s.

4. Accessibility: Road or ferry route. On salt water (except Interior Alaska) or at a low elevation.

Both sites are on the Klawak-Hollis road

5. Natural rearing - lakes and streams - should be available close to population centers and fishing pressures to cut costs. Fresh water planting areas should lend themselves to evaluation of program productivity.

Klawak Lake presents a great natural rearing area. Also, Big Salt Lagoon, soon to be accessible from Klawak by 3 miles of road.is another great potential rearing area.

Weir counts, Klawak Creek

year	stream	start	pinks	chums	cohos	reds	remo
1930	Klawak	June 21	1,412,912	15,615	13,240	7,044	Sept
1931	"	" 5	535,748	151,543	34,184	6,322	Oct.
1932	"	May 31	181,734	264,793	7,052	57,294	"
1933	—	no operation					
1934	"	June 4	406,163	16,402	7,341	16,374	" 2
1935 L1	"	May 28	425,180	39,924	6,955	20,028	" 1
1936 L2	"	June 11	594,692	37416	9,382	65,314	" 2
1937	"	" 4	572,271	13,625	2,578	33,544	Sept. 2
1938 L3	"	May 24	357,751	22,209	15,368	4,398	" 2

Judging from the comments in the reports (Alaska Fishery and Fur Seal Industries) an unknown number of [illegible] reds (probably small) had migrated prior to weir installation. Incomplete counts of pink chum and cohos, particularly cohos I am sure also occurred. The inaccuracy of the data is also of course contingent upon timing of weir removal

- An estimated 15,000 pinks, 4,000 chums and 1000 cohos went up-stream on Sept 26. Heavy rains (rise of 4'). The crite of Sept 25 [illegible] the weir beyond repair. Estimate included in above co[illegible]
- No salmon counted on last 3 days of August because of low water nor on Sept 8 & 9 because of high water.

- 15,000 salmon at river mouth consisting mainly of pinks & chums in [illegible] numbers.

ALASKA DEPARTMENT OF FISH AND GAME
MONTHLY WEIR COUNT

Month JUNE 1968 Weir KLAWOCK

Date	RED Daily	RED Cumulative	COHO Daily	COHO Cumulative	PINK Daily	PINK Cumulative	CHUM Daily	CHUM Cumulative	TOTAL	Gage	°F		Gilled Dolly	REMARKS
1														
2														
3														
4														
5														
6														
7														
8	1	1							1		56			
9	0	1							1		55			
10	3	4							4		56			
11	1	5							5		53			
12	0	5							5		55			
13	0	5							5		55			
14	0	5							5		56			
15	2	7							7		58			
16	0	7							7		57			
17	1	8							8		60			
18	1	9							9		58			
19	0	9							9		54			
20	0	9							9		53			Pulled
21	0	9							9		53			Replac
22	0	9							9		54			
23	0	9							9		55			
24	2	11							11		56			
25	1	12							12		56			
26	0	12							12		57			
27	0	12							12		59			
28	0	12							12		54			
29	0	12							12		56		17	
30	7	19							19		56		18	
31	--	--							--		--	--	--	

ALASKA DEPARTMENT OF FISH AND GAME
MONTHLY WEIR COUNT

Month AUGUST 1968 Weir KLAWOCK

	RED		COHO		PINK		CHUM							
Date	Daily	Cumulative	Daily	Cumulative	Daily	Cumulative	Daily	Cumulative	TOTAL	Gage	° F	Gilled Jacks	Gilled Dolly	REMARK
1	153	6,548	1	25	0	5	0	0	6,578		64	47	8	
2	55	6,603	5	30	1	6	0	0	6,639		64	30	11	
3	54	6,657	4	34	0	6	1	1	6,698		64	37	10	
4	31	6,688	3	37	0	6	0	1	6,732		65	12	3	
5	35	6,723	0	37	0	6	0	1	6,767		70	17	3	
6	20	6,743	0	37	0	6	0	1	6,787		67	12	2	
7	11	6,754	0	37	0	6	0	1	6,798		66	11	3	
8	27	6,781	3	40	0	6	1	2	6,829		66	19	0	
9	10	6,791	2	42	1	7	0	2	6,842		67	10	0	
10	6	6,797	0	42	0	7	0	2	6,848		67	2	0	
11	4	6,801	0	42	0	7	0	2	6,852		67	4	0	
12	18	6,819	0	42	0	7	0	2	6,870		66	3	2	
13	0	6,819	0	42	0	7	0	2	6,870		66	0	0	
14	3	6,822	0	42	0	7	0	2	6,873		66	3	1	
15	3	6,825	0	42	0	7	1	3	6,877		64	3	1	
16	3	6,828	0	42	0	7	0	3	6,880		65	3	0	
17	17	6,845	2	44	0	7	13	16	6,912		60	5	2	
18	59	6,904	1	45	1	8	5	21	6,978		60	46	2	
19	38	6,942	0	45	0	8	3	24	7,019		60	35	1	
20	12	6,954	0	45	0	8	0	24	7,031		61	11	0	
21	65	7,019	4	49	0	8	48	72	7,148		64	50	3	
22	45	7,064	44	93	0	8	31	103	7,268		60	53	2	
23	257	7,321	51	144	2	10	87	190	7,665		61	78	3	
24	2,818	10,139	526	670	277	287	63	253	11,349		62	275	6	
25	226	10,365	12	682	32	319	1	254	11,620		63	35	3	
26	61	10,426	1	683	2	321	0	254	11,684		62	30	2	
27	23	10,449	0	683	13	334	1	255	11,721		59	11	0	
28	23	10,472	8	691	15	349	1	256	11,768		59	6	1	
29	945	11,417	623	1,314	15,394	15,743	21	277	28,751		59	5	0	
30	396	11,813	963	2,277	24,029	39,772	29	306	54,168		59	10	5	
31	261	12,074	2,102	4,379	14,603	54,375	31	337	71,165		58	7	20	

Corrected totals O.K.

605.0.2.1

ALASKA DEPARTMENT OF FISH AND GAME
MONTHLY WEIR COUNT*

Weir count for month of June 1969 Klawock Weir

DATE	RED		COHO		PINK		CHUM		TOTAL	Guage	°F	Remarks
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	4	4							4		60	First reds in trap
17	3	7							7		61	
18	3	10							10		59	
19	6	16							16		60	
20	10	26							26		58	
21	2	28							28		60	
22	2	30							30		61	
23	4	34							34		60	
24	3	37							37		61	
25	5	42							42		60	
26	5	47							47		61	
27	16	63							63		59	
28	6	69							69		59	
29	3	72							72		60	
30	1	73							73		60	
31												

* Complete in duplicate

Corrected O.K.

ALASKA DEPARTMENT OF FISH AND GAME
MONTHLY WEIR COUNT

Month August 1969 Weir Klawock

	RED		COHO		PINK		CHUM							
DATE	DAILY	CUMULATIVE	DAILY	CUMULATIVE	DAILY	CUMULATIVE	DAILY	CUMULATIVE	TOTAL	GAGE	O F			REMARKS
1	0	405	1	37	23	280	[illegible]	[illegible]	723		59	5	200	
2	1	406	5	42	34	314	0		763		60	3	203	
3	0	406	4	46	20	334	0		787		60	14	217	
4	5	411	7	53	33	[illegible]	[illegible]		832		59	1	218	
5	5	416	4	57	35	[illegible]	[illegible]	2	877		59	2	220	[illegible]
6	1	417	0	57	16	[illegible]	[illegible]	[illegible]	896		59	10	230	Rain
7	1061	1478	109	166	1737	[illegible]	[illegible]	[illegible]	3814		59	84	314	[illegible]
8	0	1478	3	169	78	[illegible]	[illegible]	[illegible]	3897		60	12	326	
9	2	1480	8	177	60	[illegible]	[illegible]	[illegible]	3972		60	3	329	[illegible]
10	6	1486	18	195	74	2364	[illegible]	[illegible]	4073		59	1	330	
11	0	1486	153	248	[illegible]	[illegible]	[illegible]	[illegible]	7207		[illegible]	1	331	Rain
12	0	1486	36	384	318	[illegible]	[illegible]	[illegible]	7566		57	0	331	
* 13	0	1486	27	411	229	[illegible]	[illegible]	[illegible]	7531		56	3	334	[illegible]
* 14	0	1486	15	426	186	[illegible]	[illegible]	[illegible]	8032		56	0	334	Rain
15	0	1486	11	437	132	[illegible]	[illegible]	[illegible]	8177		57	1	335	[illegible]
* 16	0	1486	85	522	737	[illegible]	[illegible]	[illegible]	9054		56	2	337	
17	4	1490	75	597	1230	[illegible]	[illegible]	[illegible]	10290		56	1	338	Rice dropping
18	1	1491	159	756	1810	10012	[illegible]	153	12412		56	[illegible]	339	
19	1	1492	43	799	269	[illegible]	[illegible]	157	12731		56	3	342	
20	1	1493	10	809	102	[illegible]	[illegible]	[illegible]	12846		56	6	348	
21	0	1493	2	811	66	[illegible]	[illegible]	[illegible]	12914		56	6	354	
22	0	1493	29	840	326	[illegible]	[illegible]	[illegible]	13269		56	2	356	
23	0	1493	6	846	468	[illegible]	[illegible]	[illegible]	13744		[illegible]	[illegible]	358	
24	0	1493	3	849	643	[illegible]	[illegible]	167	14395		[illegible]	0	358	
25	2	1495	1	850	95	[illegible]	[illegible]	[illegible]	14495		[illegible]	0	358	
26	0	1495	0	850	41	[illegible]	[illegible]	[illegible]	14540		[illegible]	[illegible]	360	
27	0	1495	1	851	176	[illegible]	[illegible]		14725		[illegible]	3	363	
28	1	1496	0	851	175	[illegible]	[illegible]	[illegible]	14905		[illegible]	1	364	
29	1	1497	0	851	123	[illegible]	[illegible]	[illegible]	15042		[illegible]	2	366	
30	0	1497	0	851	98	[illegible]	[illegible]	[illegible]	15142		[illegible]	0	366	
31	0	1497	2	853	1501	[illegible]	[illegible]	[illegible]	16651		[illegible]	1	367	

* Bears Smashed Fence, ∴ we made estimates

Appendix Table 5

ALASKA DEPARTMENT OF FISH AND GAME
MONTHLY WEIR COUNT

Month JUNE - 1970

Weir KLAWOCK

	RED		COHO		PINK		CHUM							
DATE	DAILY	CUMULATIVE	DAILY	CUMULATIVE	DAILY	CUMULATIVE	DAILY	CUMULATIVE	TOTAL	GAGE	O F			REMARKS
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18	7	7	0	0	0	0	0	0	7		55	0	4	All died
19	12	19	0	0	0	0	0	0	19		55	0	2	All died
20	4	23	0	0	0	0	0	0	23		56	0	1	All died
21	5	28	0	0	0	0	0	0	28		56	0	1	All died
22	6	34	0	0	0	0	0	0	34		56	0	1	All died
23	14	48	0	0	0	0	0	0	48		57	0	4	All died
24	21	69	0	0	0	0	0	0	69		56	1	15	All died
25	15	84	2	2	0	0	0	0	86		56	0	9	1 Lived
26	8	92	1	3	0	0	0	0	95		56	0	13	1 Lived
27	16	108	1	4	0	0	0	0	112		56	0	16	All died
28	23	131	0	4	0	0	0	0	135		56	1	18	All died
29	3	134	0	4	0	0	0	0	138		56	1	13	All died
30	15	149	0	4	0	0	0	0	153		56	2	15	4 Lived

Appendix Table 5 (con't)

ALASKA DEPARTMENT OF FISH AND GAME
MONTHLY WEIR COUNT

Month AUGUST - 1970 Weir KLAWOCK

	RED		COHO		PINK		CHUM							
DATE	DAILY	CUMULATIVE	DAILY	CUMULATIVE	DAILY	CUMULATIVE	DAILY	CUMULATIVE	TOTAL	GAGE	O F			REMARKS
1	10	3,600	26	2,181	0	1	0	0	5,782		58	4	8	
2	1	3,601	4	2,185	0	1	0	0	5,787		59	4	6	
3	12	3,613	85	2,270	0	1	8	8	5,892		60	22	20	
4	0	3,613	1	2,271	0	1	0	8	5,892		59	2	4	
5	0	3,613	7	2,278	0	1	6	6	5,906		59	1	1	
6	0	3,613	2	2,280	0	1	3	3	5,911		59	0	0	
7	0	3,613	0	2,280	0	1	6	23	5,917		60	1	0	
8	1	3,614	2	2,282	0	1	9	32	5,929		60	2	0	
9	0	3,614	3	2,285	0	1	23	55	5,955		59	15	0	
10	230	3,844	26	2,311	1	2	24	79	6,236		59	1300	2	
11	1,827	5,671	398	2,709	6	8	83	162	8,550		59	3000	2	
12	92	5,763	16	2,725	78	86	13	175	8,749		59	20	3	
13	1	5,764	9	2,734	8	94	2	177	8,769		59	2	0	
14	0	5,764	8	2,742	7	101	1	178	8,785		59	3	1	
* 15	20	5,784	40	2,782	80	181	15	193	8,940		59	4	0	
* 16	20	5,804	60	2,842	200	381	15	208	9,235		59	2	0	
17	0	5,804	2	2,844	1	382	0	208	9,238		59	1	1	
18	0	5,804	2	2,846	2	384	0	208	9,242		59	0	2	
19	1	5,805	3	2,849	5	389	3	211	9,254		59	5	1	
20	0	5,805	6	2,855	1	390	0	211	9,261		59	4	2	
21	1	5,806	0	2,855	3	393	0	211	9,265		59	1	0	
22	3	5,809	3	2,858	7	400	1	212	9,279		59	2	0	
23	0	5,809	0	2,858	2	402	0	212	9,281		61	4	1	
24	3	5,812	0	2,858	12	414	0	212	9,296		60	3	1	
25	0	5,812	1	2,859	12	426	0	212	9,309		60	4	0	
26	6	5,818	0	2,859	46	472	2	214	9,363		60	3	0	
27	28	5,846	0	2,859	32	504	1	215	9,424		61	2	0	
28	88	5,934	6	2,865	116	620	3	218	9,637		61	3	0	
29	21	5,955	2	2,867	123	743	12	230	9,795		60	5	0	
30	21	5,976	6	2,873	471	1,214	9	239	10,320		59	2	0	
31	9	5,985	7	2,880	1,091	2,305	7	246	11,416		59	1	0	

* ESTIMATE

ALASKA DEPARTMENT OF FISH AND GAME
MONTHLY WEIR COUNT

Month JUNE - 1971 Weir KLAWOCK

	RED		COHO		PINK		CHUM							
DATE	DAILY	CUMULATIVE	DAILY	CUMULATIVE	DAILY	CUMULATIVE	DAILY	CUMULATIVE	TOTAL	GAGE	°F			REMARKS
14	0	0	0	0	0	0	0	0	0					
15	0	0	0	0	0	0	0	0	0					No Fish
16	0	0	0	0	0	0	0	0	0					Weir Started
17	0	0	0	0	0	0	0	0	0					
18	3	3	0	0	0	0	0	0	3					
19	2	5	0	0	0	0	0	0	5					1Steelhead
20	7	12	0	0	0	0	0	0	12					1 dolly, 1 J
21	10	22	0	0	0	0	0	0	22	21"	55			
22	5	27	0	0	0	0	0	0	27	22"	55			1 dolly, 1 t
23	8	35	0	0	0	0	1	1	36	28"	55			
24	8	43	0	0	0	0	0	1	44	26"	55			
25	12	55	0	0	0	0	0	1	56	25"	55			1 jack
26	12	67	0	0	0	0	0	1	68	23"	55			
27	11	78	0	0	0	0	0	1	79	21"	55			1 jack, 1 do
28	16	94	0	0	0	0	0	1	95	20"	55			5 dolly, 1 j
29	14	108	0	0	0	0	0	1	109	20"	55			3 jack
30	24	132	0	0	0	0	0	1	133	20"	55			4 dolly
														1 dolly

ALASKA DEPARTMENT OF FISH AND GAME
MONTHLY WEIR COUNT

Month AUGUST

Weir KLAWOCK

	RED		COHO		PINK		CHUM							
DATE	DAILY	CUMULATIVE	DAILY	CUMULATIVE	DAILY	CUMULATIVE	DAILY	CUMULATIVE	TOTAL	GAGE	O F	dollie	jack	REMARKS
1	2	1,110	0	0	2	4	0	4	1,118	15"	67	3	0	0
2	0	1,110	0	0	0	4	0	4	1,118	16"		4	0	0 Behind
3	3	1,113	0	0	4	8	0	4	1,125	16"	64	0	1	5 "
4	2	1,115	0	0	3	11	0	4	1,130			0	2	10 "
5	2	1,117	0	0	0	11	0	4	1,132			0	0	0 "
6	5	1,122	1	1	0	11	0	4	1,138	15"	63	0	0	10 "
7	373	1,495	0	1	14	25	1	5	1,526	15"	63	0	0	20 "
8	1,009	2,504	6	7	48	73	8	13	2,597	15"	64	0	2	10 "
9	1,891	4,395	4	11	8	81	2	15	4,502	15"	64	1	2	5 "
10	277	4,672	0	11	0	81	2	17	4,781	15"		0	1	10 "
11	423	5,095	1	12	0	81	0	17	5,205	15"	63	0	1	0 "
12	50	5,145	0	12	0	81	0	17	5,255	15"	63	0	0	6 "
13	22	5,167	0	12	0	81	0	17	5,277	15"	62	0	2	0 "
14	1	5,168	1	13	0	81	0	17	5,279	15"	62	0	0	0 "
15	35	5,203	0	13	0	81	4	21	5,318	15"	62	1	1	10 "
16	35	5,238	0	13	1	82	0	21	5,354	16"				0 "
17	308	5,546	2	15	4	86	4	25	5,672	17"	60	0	4	15 "
18	569	6,115	25	40	33	119	13	38	6,312	18"	60	2	6	100 "
19	2,856	8,971	200	240	2,628	2,747	2	40	11,988	38"	60	4	10	8,000 "
20	388	9,359	79	319	824	3,571	11	51	13,300	37"	60	2	17	5,000 "
21	640	9,999	69	388	1,435	5,006	19	70	15,463	36"	60	0	0	5,000 "
22	107	10,106	37	425	276	5,282	4	74	15,887	36"	60			2,000 "
23	113	10,219	44	469	424	5,706	2	76	16,470	35"	60			1,000 "
24	80	10,299	90	559	701	6,407	17	93	17,358	34"	60			1,000 "
25	78	10,377	91	650	704	7,111	8	101	18,239	33"	60	2	4	1,000 "
26	13	10,390	36	686	266	7,377	5	106	18,559	33"	59			500 "
27	10	10,400	39	725	428	7,805	11	117	19,047	29"	59			4,000 "
28	2	10,402	46	771	572	8,377	3	120	19,670	26"	58			4,000 "
29	37	10,439	98	869	1,354	9,731	18	138	21,177	24"	58		4	2,000 "
30	44	10,483	60	929	1,290	11,021	22	160	22,593	22"	58		1	1,000 "
31	73	10,556	90	1,019	3,968	14,989	22	182	26,746	21"	57			4,000 "