State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Fish

AWC Volume SE (SC) SW W AR IN USGS Quad Seward B-2

Anadromous Water Catalog Number of Waterway 226-30 + 16880 ; 226-30-16880-0010

Name of Waterway OTTER LAKE USGS name _____ Local name OTTER LAKE

Addition ✓ Deletion _____ Correction _____ Backup Information ✓

For Office Use

Nomination #	98 096		12/5/97
Revision Year:		Regional Supervisor	Date
Revision to: Atlas X Catalog _____			11/19/97
Both _____		AWC Project Biologist	Date
Revision Code:	B-1		12/11/97
		Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
CT			✓		
DV			✓	✓	✓
CO		✓	✓		✓
P		✓			✓
S		✓			✓

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: For the past three seasons district Fisheries crews have been trapping OTTER system with minnow traps to confirm the presence of cutthroat trout. A sample of our trapping results is included. Adult sockeye, pink and coho salmon escapements are taken annually.
Please reference project number 97043B, monitoring of cutthroat trout and Dolly Varden Habitat Improvement structures.

Name of Observer (please print) William D. [illegible]

Date: 10-9-97 Signature: _____

Address: P.O. Box 129
Girdwood, AK 99587

ALASKA DEPT. OF FISH & GAME
OCT 22 1997
REGION II
HABITAT AND RESTORATION DIVISION

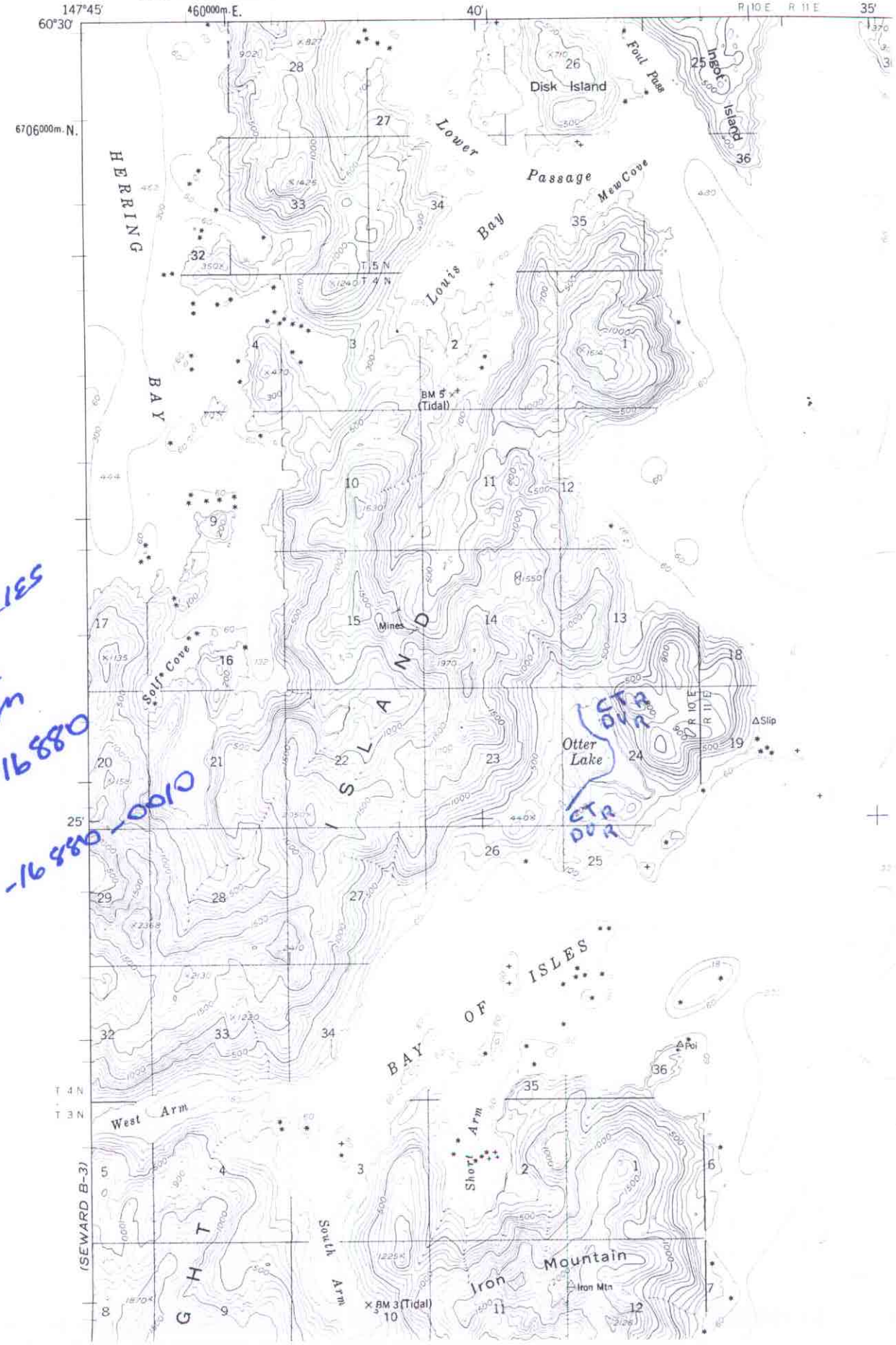
This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Confirmed by Area Biologist: _____

Revision 7/93

Seward B-2

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



Add species
CT_R DV_R
TD STREAM
226-30-16880
& LAKE
226-30-16880-0010

Page 1

Mark Recapture Form

Location: Otter Ck.

Crew: Gillikin, Kitto, Free

Wx. Cond.: Flow Mod, Down from previous Clear

Flow: Mod.

Date: 8/13/97

~~Mark~~ (Circle One) ~~Recapture~~

Original Set Times. Day 1

Trap Number	Set Time	~~Full Time~~ Trap #	~~Species~~ Set	~~Fork Length~~ Trap #	~~Mark y/n~~ Set	~~Location of mark~~ Trap #	~~Recapture y/n~~ Set
1	1101	C	1226	56	1344		
2	1104	29	1236	57	1345		
3	1106	30	1236	58	1346		
4	1107	31	1237	59	1347		
5	1119	32	1235	60	1354		
6	1120	33	1239	61	1355		
7	1123	34	1242	62	1358		
8	1124	35	1242	63	1359		
no flag. 9	1125	36	1244	F	1400		
10	1129	* 37	1250	* 64	1401		
11	1131	* 38	1251	* 65	1403		
12	1144	* 39	1254	G	1402		
13	1145	40	1255	H	1404		
14	1145	41	1257	AT FALLS	1406		
15	1147	42	1258				
16	1151	43	1259				
17	1202	* 44	1306				
18	1203	* 45	1308				
19	1204	* 46	1310				
20	1206	* 47	1312				
21	1207	48	1325				
22	1208	49	1327				
23	1209	50	1328				
24	1211	51	1330				
25	1211	no flag D	1334				
26	1212	no flag E	1336				
27	1212	* 52	1337				
28	1219	* 53	1338				
A	1224	54	1338				
B	1225	55	1342				

Comments:

Mark Recapture Form

Location: Otter Ck.
Crew: Gill, Kitto, Free
Wx. Cond.: Clear
Flow: mod
Date: 8/13/97

Mark: Upper Lobe Caudal (Circle One) Recapture

Trap Number	~~Set Time~~	Pull Time	Species	Fork Length	Mark y/n	Location of mark	Recapture y/n
1		1530	CO	I	UL	~~IIII~~ ~~IIII~~ ~~IIII~~ III	13
"		"	DV	I	UL	~~IIII~~	5
"		"	CO	Ø	UL	II	2
"		"	CO	II	"	II	2
2		1537	DV	II	UL	I	1
"		"	DV	I	UL	III	3
"		"	CO	I	"	~~IIII~~ ~~IIII~~ ~~IIII~~ I	16
"		"	CO	Ø	"	~~IIII~~	6
"		"	CO	II	"	I	1
3		1547	CO	I	UL	~~IIII~~ ~~IIII~~ II	12
		"	CO	Ø		IIII	4
		"	CT	56	UL	I	1
		"	CO	III		I	1
		"	DV	III		I	1
4		1555	DV	II		~~IIII~~	5
		"	CO	I		~~IIII~~ ~~IIII~~	10
		"	DV	I		IIII	4
		"	CO	Ø		I	1
		"	CO	II		III	3
5		1606	CO	I		II	2
"		"	CT	56		I	1
6		1610	CO	I		~~IIII~~ ~~IIII~~ I	11
		"	DV	II		~~IIII~~ ~~IIII~~	10
		"	CO	Ø		III	3
		"	CT	59		I	1
		"	DV	I		~~IIII~~	5
		"	CO	II		III	3

Comments:

Mark Recapture Form

Location: Otter Ck **Crew:** Gill, Kitto, Free **Wx. Cond.:** Clear **Flow:** Mod **Date:** 8/13/97

Mark (Circle One) Recapture

Trap Number	Set Time	Pull Time	Species	Fork Length	Mark y/n	Location of mark	Recapture y/n
7		1624	CO	I	UL	卌 II (1 mark)	6
			CO	II		卌 IIII	9
			CO	Ø		III	3
			CT	71		I	1
			DV	I		I	1
8		1631	CO	Ø		II	2
			CO	I		卌 卌 卌 I	16
			CO	II		I	1
			DV	II		卌	5
9		1638	CO	I		II	2
			DV	I		II	2
			CO	II		IIII	4
			DV	II		卌 卌 卌 卌 IIII	24
			CT	64		I	1
			DV	III		III	3
10	No	Fish 1650					
11		16:54	CT	102		I	1
			CO	I		卌	5
			CO	Ø		III	3
			CO	II		I	1
12		1700	CO	Ø		II	2
			CO	I		卌	5
			~~CO~~ DV	~~II~~ I		I	1
			CT	64		I	1
			DV	II		II	2
13		1703	CO	I		I	1
14		1705	CT	73		I	1
11			DV	II		II	2

Comments:

Mark Recapture Form

Location: Otter Ck.
Crew: Gill, Kitto, Free
Wx. Cond.: Clear
Flow: Mud
Date: 8/13/97

Mark: Upper Lake (Circle One) Recapture

Trap Number	Set Time	Pull Time	Species	Fork Length	Mark y/n	Location of mark	Recapture y/n
15		1707	CT	69	UL	I	1
			CT	81		I	1
			DV	I		II	2
			CO	I		II	2
			CO	II		I	1
			DV	II		IIII	4
16		1714	CT	74		I	1
			CO	I		~~IIII~~ I	5 ~~6~~
			CO	II		II	2
			DV	I		~~III~~	5
			DV	II		I	1
			CO	∅		I	1
17		1721	No Fish				
18		1723	CT	68		I	1
"			CT	65		I	1
19		1725	CO	I		I	1
			DV	I		I	1
			CO	II		II	2
20		1730	No Fish				
21		1731	No Fish				
22		1732	CT	65		I	1
			DV	I		III	3
			CO	II		II	2
			CO	I		I	1
			DV	II		II	2
23		1734	CO	∅		III	3
			CO	I		II	2
			DV	II		II	2
			CO	II		I	1
					UL		

Comments:

Page 5

Mark Recapture Form

Location:	Crew:	Wx. Cond.:	Flow:	Date:
Otter Ck	Gill Fitts Free	Clear	mod	8/15/97

Mark Upper Lobe (Circle One) Recapture

Trap Number	Set Time	Pull Time	Species	Fork Length	Mark y/n	Location of mark	Recapture y/n
24		1737	CT	61		I	1
			CT	89		I	1
			DV	I		I	1
			CO	I		II	2
			CO	II		II	2
25		1741	CO	∅		I	1
"		"	DV	II		II	2
26		1743	No	Fish			—
27		1744	CO	∅		II	2
~~A~~		"	DV	I		I	1
A		1747	CT	56		I	1
			DV	II		~~IIII~~	5
			DV	I		IIII	4
			CO	II		III	3
			CO	I		II	2
B		1753	DV	∅		II	2
			~~CO~~	I		IIII	4
			DV	I		III	3
			DV	II		III	3
			CO	II		I	1
28		1757	CO	∅		III	3
"			CO	II		I	1
C		1800	CT	65		I	1
			CT	108		I	1
			DV	I		I	1
			DV	II		III	3
			CO	II		II	2
29		1805	~~CO~~ DV	II		I	1
30		1806	No	Fish			

Comments:

Mark Recapture Form

Location: Otter CK
Crew: Gill, Kite, Free
Wx. Cond.: Clear
Flow: Mud
Date: 8/13/97

Mark: Upper Lobe (Circle One) Recapture

Trap Number	Set Time	Pull Time	Species	Fork Length	Mark y/n	Location of mark	Recapture y/n
31		1808	CT	76		I	1
↓			CT	77		I	1
↓			DV	I		I	1
32		1812	CO	∅		~~IIII~~ I 1 mort	5
↓			DV	I		II	2
↓			DV	II		II	2
33		18~~45~~ 16	CO	∅		~~IIII~~ III	8
↓			DV	I		~~IIII~~	5
↓			DV	II		II	2
↓			CO	I		I	1
34		1823	DV	I		II	2
"			CT	103		I	1
"			DV	II		III	3
35		1825	DV	I		I	1
"			CO	I		I	1
36		1829	CT	68		I	1
"			DV	I		I	1
"			DV	II		III	3
37		1836	DV	I		II	2
"			CO	II		I	1
38		1841	~~CO~~ DV	I		I	1
40 ~~39~~		1843	DV	II		II	2
"			DV	I		I	1
41 ~~40~~		1845	CO	II		I	1
"			DV	II		II	2
39		1847	CO	I		IIII	4
			CO	II		IIII	4
↓			DV	I		~~IIII~~	5
↓			DV	II		~~IIII~~ III	8
↓			DV	III		I	1

Missed trap 39

Comments:

Mark Recapture Form

Location:	Crew:	Wx. Cond.:	Flow:	Date:
Otter Ck.	Gill Kitts Fuller	Clear	Mod	8/13/97

Mark Upper Lobe (Circle One) Recapture

Trap Number	Set Time	Pull Time	Species	Fork Length	Mark y/n	Location of mark	Recapture y/n
42		1855	DV	I		|	1
↓			CO	∅		|	1
			CO	I		|	1
			DV	II		|	1
43		1857	CT	64		|	1
			DV	II		|	1
			DV	I		|||	3
44		1901	CO	∅		~~||||~~ |	6
			DV	I		|||	3
			CO	I		||	2
45		1905	CO	∅		||||	4
46		1907	CO	II		~~||||~~ |	6
			DV	I		~~||||~~ ~~||||~~ ~~||||~~ |||	18
			DV	II		||||	4
47		1914	CO	∅		~~||||~~	5
			CO	I		|||	4
			DV	∅		|	1
			DV	II		~~||||~~	5
			CO	II		||||	4
			DV	I		|	1
48		1915	DV	II		~~||||~~ ~~||||~~ ||	12
			DV	I		|||	3
			CO	II		|||	3
			DV	III		|||	3
49		1925	CO	∅		|	1
50		1927	DV	I		|	1
51		1930	CO	II		|	
			CO	I		|	
			DV	I		|	

Comments:

Mark Recapture Form

Location:	Crew:	Wx. Cond.:	Flow:	Date:
Otter Ck	Gill Kitto Free	Clear	Med	8/13/97

Mark (Circle One) Recapture

Trap Number	Set Time	Pull Time	Species	Fork Length	Mark y/n	Location of mark	Recapture y/n
~~52~~ D		1932	CO	∅		II	2
			CO	I		III	3
			DV	I		III	3
			CO	II		II	2
			DV	II		~~IIII~~	5
E		1933	DV	I		I	1
			CO	∅		I	1
			CO	I		II	2
			DV	II		IIII	4
			CO	II		II	2
52		1941	DV	I		~~IIII~~	5
			DV	II		II	2
53		1943	CT	625		I	1
			DV	I		II	2
			DV	II		II	2
			CO	I		I	1
			CT	64		I	1
			CO	II		I	1
54		1950	No Fish				
55		1951	No Fish				
56		1952	CT	66		I	1
			CO	~~II~~ I		I	1
* 57		1954	CT	74		I	1
58		19~~60~~56	CO	I			1
59		1959	CO	I		I	1
			DV	I		~~IIII~~ I	6
			DV	II		~~IIII~~ III	8
60		2005	No Fish				

Marked in Lib.

Comments:

Mark Recapture Form

Location:	Crew:	Wx. Cond.:	Flow:	Date:
Otter Ck	Gill Kitto Free	Clear	Mod	8/13/27

Mark (Circle One) Recapture

Trap Number	Set Time	Pull Time	Species	Fork Length	Mark y/n	Location of mark	~~Recapture y/n~~
61		2007	CT	60		I	1
			DV	I		~~IIII~~ IIII	9
			DV	II		II	2
			CO	I		II	2
			CO	II		I	1
62		2010	CT	63			1
stw ~~A~~ 63		2012	DV	I		~~IIII~~ ~~IIII~~ IIII	14
			CO	I		~~IIII~~ III	8
			CO	II		I	1
			DV	II		I	1
F		2018	DV	I		I	1
64		2019	DV	I		~~IIII~~	5
			DV	II		IIII	4
			CO	I		II	2
			CT	124		I	1
~~65~~ H		2026	CT	56		I	1
			DV	I		I Mut	6
			CO	I		I	1
G		2027	CT	90		I	1
			CO	II		II	2
			CO	I		IIII	4
			DV	I		~~IIII~~ IV	8
			DV	II		III	3
65		2033	CT	68		I	1
			DV	I		~~IIII~~ I	6
			CO	I		~~IIII~~ I	6
			CO	II		IIII	4
			DV	II		IIII	4
I		2035	DV	I		~~IIII~~ ~~IIII~~ ~~IIII~~ ~~IIII~~	20
			CO	I		~~IIII~~ III	8
			DV	II		~~IIII~~	5
			CO	II		I	1
			CT	84		I	1
			CT	84		I	1
			DV	4		I	1

Comments: