SITE	REGION	QTMQUAD	ITMQUAD	EDITCODE	NOMNUMBR	AWCNUMBR	STRMNAME	YEAR
4-A-1	SCN	051	D-5	F-1		244-10-10010		2012
3-B-3	SCN	051	D-5	F-1		244-10-10010-2011		2012
3-A-4	SCN	051	D-5	F-1		244-10-10010-2011		2012
3-B-4	SCN	051	D-5	F-1		244-10-10010-2011		2012
3-A-1	SCN	051	D-5	F-1		244-10-10010-2011-3031		2012
3-B-2	SCN	051	D-5	F-1		244-10-10010-2011-3031-4016		2012
3-A-3	SCN	051	D-5	F-1		244-10-10010-2011-3031-4022-5030		2012
3-B-1	SCN	051	D-5	F-1		244-10-10010-2011-3031-4038		2012
2-A-4	SCN	051	D-5	F-1		244-10-10010-2011-3031-4038-5021		2012
2-B-4	SCN	051	D-5	F-1		244-10-10010-2011-3031-4038-5021		2012
3-A-2	SCN	051	D-5	F-1		244-10-10010-2011-3031-4038-5033		2012
3-A-2	SCN	051	D-5	F-1		244-10-10010-2011-3031-4038-5033-6008		2012
3-A-1	SCN	051	D-5	F-1		244-10-10010-2011-3031-4088-5021		2012
3-A-5	SCN	051	D-5	F-1		244-10-10010-2011-3071		2012
4-A-4	SCN	051	D-5	F-1		244-10-10010-2021		2012
4-A-5	SCN	051	D-5	F-1		244-10-10010-2021		2012
4-B-4	SCN	051	D-5	F-1		244-10-10010-2021-3029		2012
4-B-2	SCN	051	C-5	F-1		244-10-10010-2088		2012
4-B-3	SCN	051	C-5	F-1		244-10-10010-2090		2012
3-A-7	SCN	051	C-5	F-1		244-10-10010-2100		2012
4-A-6	SCN	051	C-5	F-1		244-10-10010-2100-3011		2012
3-B-7	SCN	051	C-5	F-1		244-10-10010-2122		2012
3-A-6	SCN	051	C-5	F-1		244-10-10010-2125		2012
4-B-1	SCN	051	D-5	F-1		244-10-10010-2150		2012
2-B-5	SCN	051	D-4	F-1		244-10-10010-2201		2012
3-B-5	SCN	051	D-4	F-1		244-10-10010-2201		2012
3-B-6	SCN	051	D-4	F-1		244-10-10010-2201-3021		2012
4-A-2	SCN	051	D-4	F-1		244-10-10010-2217		2012
2-A-5	SCN	051	D-5	F-1		244-10-10050		2012
4-B-5	SCN	051	D-5	F-1		244-10-10010-2025		2012
1-A-4	SCN	052	A-5	F-1		244-20-10090-2030		2012
1-B-4	SCN	052	A-5	F-1		244-20-10090-2030		2012
1-B-5	SCN	052	A-5	F-1		244-20-10090-2030		2012
1-A-3	SCN	052	A-4	F-1		244-20-10090-2030-3019		2012
1-A-5	SCN	052	A-4	F-1		244-20-10090-2030-3036		2012
1-A-1	SCN	052	A-4	F-1		244-20-10090-2057		2012
1-B-3	SCN	052	A-4	F-1		244-20-10090-2070		2012
1-B-3	SCN	052	A-4	F-1		244-20-10090-2070		2012
1-B-1	SCN	052	A-4	F-1		244-20-10090-2096		2012
1-B-7	SCN	052	A-5	F-1		244-20-10100		2012
2-A-3	SCN	052	A-5	F-1		244-20-10100-2010		2012
2-B-3	SCN	051	D-5	F-1		244-20-10100-2010-3041		2012
1-A-6	SCN	052	A-5	F-1		244-20-10100-2019		2012
1-C-1	SCN	052	A-5	F-1		244-20-10100-2019		2012
1-C-2	SCN	052	A-5	F-1		244-20-10100-2019		2012
1-C-3	SCN	052	A-5	F-1		244-20-10100-2019		2012
2-B-2	SCN	051	D-4	F-1		244-20-10100-2030-3071		2012
1-B-6	SCN	052	A-4	F-1		244-20-10100-2045-3016		2012
1-A-7	SCN	052	A-4	F-1		244-20-10100-2045-3016		2012
2-A-1	SCN	051	D-4	F-1		244-20-10100-2065		2012
2-A-2	SCN	051	D-4	F-1		244-20-10100-2070		2012
2-B-1	SCN	051	D-4	F-1		244-20-10100-2070		2012

MEMORANDUM

State of Alaska

DEPARTMENT OF FISH AND GAME

TO: Donald O. McKay
Habitat Biologist
Region II
Habitat Division

DATE: October 17, 1988

FILE NO.:

TELEPHONE NO.: 267-2284

SUBJECT: Kenai Peninsula
Stream Survey Report
July 26-29, 1988

FROM: Stewart J. Seaberg SJS
Habitat Biologist
Region II
Habitat Division

The drainages of the Ninilchik River, the Anchor River and Deep Creek on the Kenai Peninsula were surveyed from July 26 through July 29, 1988 to identify streams supporting anadromous fish. Juvenile fish were sampled by electrofishing and with baited minnow traps. Aerial and ground observations of adult fish were also recorded.

The region of the Kenai Peninsula that was surveyed is approximately 400,000 acres of mostly forested land bounded by the Ninilchik River drainage to the north, the Anchor River drainage to the south, the Caribou Hills to the east and Cook Inlet to the west. The land in the survey area is primarily owned by the State of Alaska, Cook Inlet Region, Inc. (CIRI) and the Ninilchik Native Corporation. Survey participants were Durand Cook, Celia Rozen, Stewart Seaberg, Rick Sinnott and Mike Wiedmer.

Sampling locations on state and CIRI lands were identified by flying upstream in a Bell 206 B helicopter and landing at points on streams which appeared to provide suitable habitat for anadromous fish, and below any barriers to fish passage. Sampling locations on Ninilchik Native Association lands were pre-determined by the availability of landing locations on public easements, and right-of-ways. Survey teams were dropped at sampling locations and proceeded to sample streams by electrofishing and with minnow traps baited with salmon eggs. All fish sampled were positively identified and either released immediately or were measured and released unharmed. For locations where anadromous fish were found, the stream was surveyed by helicopter, upstream from the sampling location to the point where stream habitat ceased to be suitable for anadromous fish. This point was identified on the survey maps.

RESULTS

A total of 47 separate stream segments were sampled by helicopter and three site locations were sampled in streams along the road system. Of the 50 total locations sampled,

29 were found to support either juvenile chinook or coho salmon. Dolly Varden were found at 43 of the sampling locations and adult chinook salmon were observed at two sampling locations. Juvenile rainbow trout were also found at two sampling locations. Young of the year salmon were found in 11 streams indicating that spawning had occurred in these streams. Attached is a map with the sampling locations and a listing of the sampling results.

A total of 16 previously undocumented streams were found to support anadromous fish and 12 documented anadromous fish streams were found to support anadromous fish above the point previously identified. Altogether approximately 100 additional miles of streams were identified as supporting anadromous fish during this survey.

Attachments (2)

cc: P. Brna, ADF&G
E. Fritts, ADF&G
D. Nelson, ADF&G
N. Dudiak, ADF&G
T. Schroeder, ADF&G
D. Golden, CIRI
B. Oskolkoff, Ninilchik Native Corp.
J. Peterson, ADNR/DOF

RESULTS OF LOCATIONS SAMPLED WITH HELICOPTER

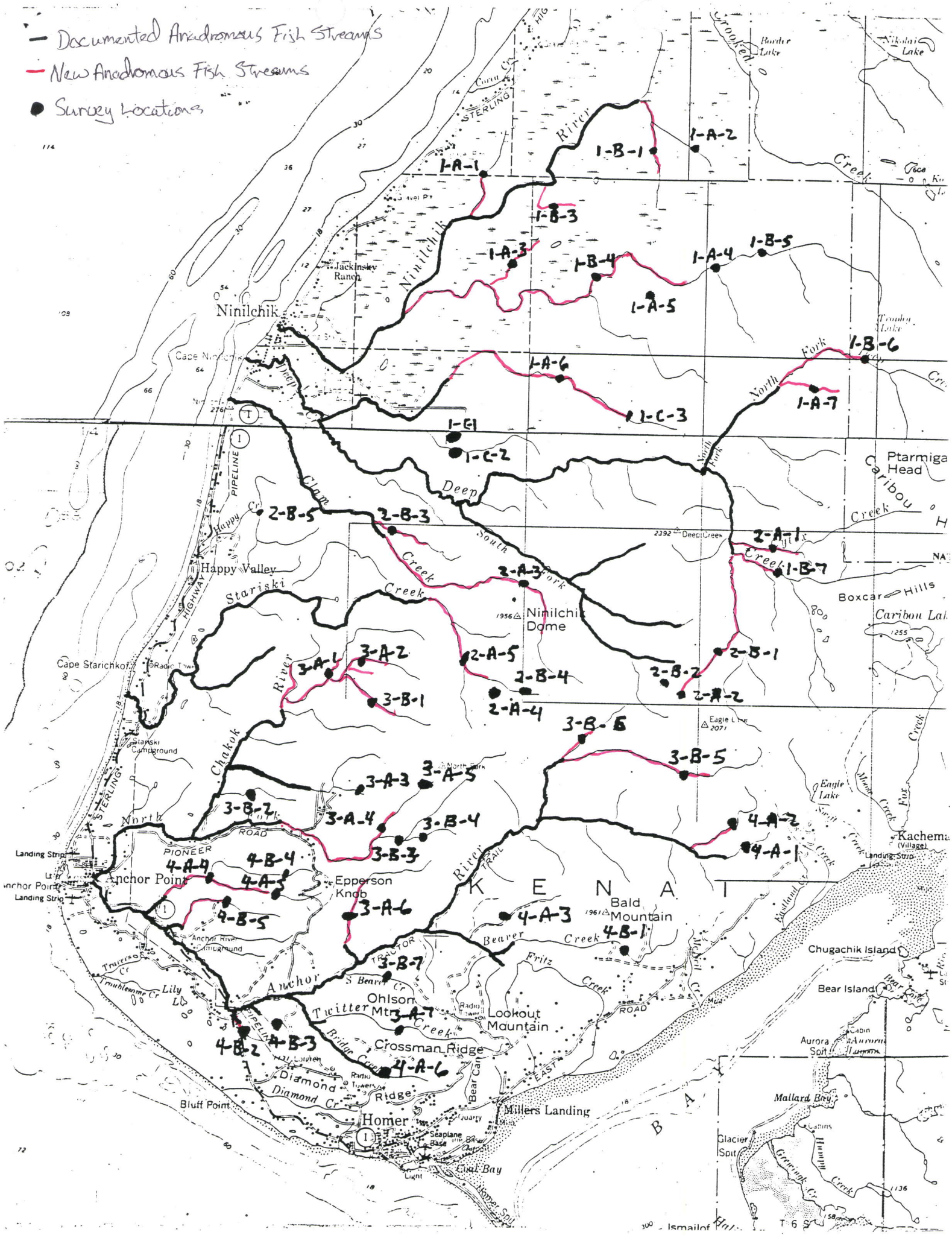
SITE #	COHO	KING	DOLLY VARDEN	RAINBOW/SH	OTHER
1-A-1	11		13		4 Sticklebacks
1-B-1	P	P	P		
1-A-2	No Fish Captured				
1-B-2	Site Not Sampled				
1-A-3	2		9		
1-B-3	P*	P	P		
1-A-4			25		
1-B-4	P	P 2 adults	P		
1-A-5			6		
1-B-5			2		
1-A-6	1		45		
1-B-6	2	1	18		
1-A-7	16				
1-B-7	6	5	28		
2-A-1	1	2 juv. 2 adults	46	7	
2-B-1	7		6		
2-A-2	5	4	12		
2-B-2	No Fish Captured				
2-A-3	20		35		
2-B-3	20		20		
2-A-4			33		
2-B-4			56		
2-A-5	28		11		
2-B-5			32		
3-A-1		1			1 sculpin
3-B-1	4		10		

SITE#	COHO	KING	DOLLY VARDEN	RAINBOW/SH	OTHER
3-A-2	6		14		
3-B-2	No Fish Captured				
3-A-3			20		
3-B-3			37		
3-A-4	4		15		
3-B-4			P		
3-A-5			24		
3-B-5	2		15		
3-A-6	23		61		
3-B-6	5			1	
3-A-7			15		
3-B-7			3		
4-A-1	No Fish Captured				
4-B-1			17		
4-A-2	21		47		
4-B-2	8		1		
4-A-3			10		
4-B-3			15		
4-A-4	23		19		
4-B-4			4		
4-A-5	5		8		
4-B-5	9		8		
4-A-6	4		72		

*P-fish present, field notes not available

RESULTS OF LOCATIONS SAMPLED ALONG ROAD

SITE #	COHO	KING	DOLLY VARDEN	RAINBOW/SH	OTHER
1-C-1			65		
1-C-2	No Fish Captured				
1-C-3	1		16		



Documented Anadromous Fish Streams
New Anadromous Fish Streams
Survey Locations
1-A-1
1-A-2
1-A-3
1-A-4
1-A-5
1-A-6
1-A-7
1-B-1
1-B-3
1-B-4
1-B-5
1-B-6
1-C-1
1-C-2
1-C-3
2-A-1
2-A-2
2-A-3
2-A-4
2-A-5
2-B-1
2-B-2
2-B-3
2-B-4
2-B-5
3-A-1
3-A-2
3-A-3
3-A-4
3-A-5
3-A-6
3-A-7
3-B-1
3-B-2
3-B-3
3-B-4
3-B-5
3-B-6
3-B-7
4-A-1
4-A-2
4-A-3
4-A-4
4-A-5
4-A-6
4-B-1
4-B-2
4-B-3
4-B-4
4-B-5
Ninilchik
Ninilchik River
Jackinsky Ranch
Cape Ninilchik
Happy Valley
Cape Starichkof
Starisky Campground
Anchor Point
Anchor River Campground
Anchor River
Chakok River
Clam Creek
Deep Creek
South Fork
North Fork
Starisky Creek
Ninilchik Dome
Ptarmigan Head
Caribou Creek
Boxcar Hills
Caribou Lake
Eagle Lake
Kachemak
Bald Mountain
Beaver Creek
Fritz Creek
Lookout Mountain
Ohlson Mtn
Twitter Creek
Crossman Ridge
Diamond Ridge
Diamond Cr
Bridge Creek
Bear Cr
Homer
Bluff Point
Millers Landing
Coal Bay
Chugachik Island
Bear Island
Aurora Spit
Mallard Bay
Glacier Spit
Ismailof
Landing Strip
Anchor Point
Lily L
Trouble Cr
Travers Cr
Eastland Cr
Moose Creek
Fox Creek
Grewingk Cr
Humpy Creek
Seaplane Base
Quarry
Light
Radio Towers
Cabins
Cabin
Crooked Creek
Border Lake
Nikolai Lake
Trophy Lake
Eagle Lake
Deep Creek
Gravel Pit
STERLING HIGHWAY
PIPELINE
PIONEER ROAD
TRACTOR TRAIL
EAST ROAD
K E N A I
B A Y