

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

83-654

Addition

Deletion

Name of Waterbody (if known): Naha River System

Location: Naha Bay, Behm Canal, Revilla, Is.

Anadromous Waters Catalog Volume and Number Southeastern Region 1 Revised April 82

USGS 1:63,360 Quadrangle Ketchikan C-5

or 1:250,000 (if 1:63,360 not available) 101-90-0050

Species	Date(s) Observed	Stage(s) (Spawning, Rearing, Migration)
Sockeye	9/16/82	Spawning
Sockeye	9/17/82	Spawning
Sockeye	9/19/82	Spawning
Pink	9/16/82	Spawning

Comments: Please provide any clarifying information in addition to identification on Anadromous Waters Catalog Public Review Maps.

Foot survey of <sup>East</sup> Inlet stream of Heckman from Patching (4 mi.) to barrier (Note: This is the principle sockeye spawning area in the entire system).

Foot survey of South Inlet stream of Jordan Lake (4 mi)

Foot survey of South Inlet stream of Heckman Lake (1/2 mi)

Name of Observer (please print) \_\_\_\_\_

Joseph A. Orsi

Date: 1/6/83

Signature: \_\_\_\_\_

Joseph A. Orsi

Fishery Biologist NMF.S.

Stephen A. Hoffman ADF&G

*Overland 1/21/83*

*drafted 2/2/83 J. Orsi*



SOCKEYE SYSTEM SURVEY FORM  
U.S. / CANADA RESEARCH

System Name Naha System Date 9/16/82  
 Stream Catalog No. 101-90-050 Geodetic Map No. Ketchikan C-5  
 Stream Location(s) This survey was conducted between Heckman and Patching Lakes. There is a barrier 1/4 mile up the connecting branch between Heckman and Patching. This survey is up the Heckman Lake inlet stream 1/4 mile to this barrier.

System Section	Distance Surveyed	Species	Stream Live	Stream Dead	(note letters also)		Rec. Primary Tags	
					Obs. Live Fish	Secondary Dead Fish	Live Fish	Dead Fish
E. Inlet	1/4 mi.	Sockeye	5,671	67	5 Tri	0	12	0
Totals	1/4 mi.	Sockeye	5,671	67	5 Tri	0	12	0
Primary Tags Observed			3 - 6		Species		Sockeye	

Water Level Low  Normal  High  Water Visibility Fair  Normal  Poor

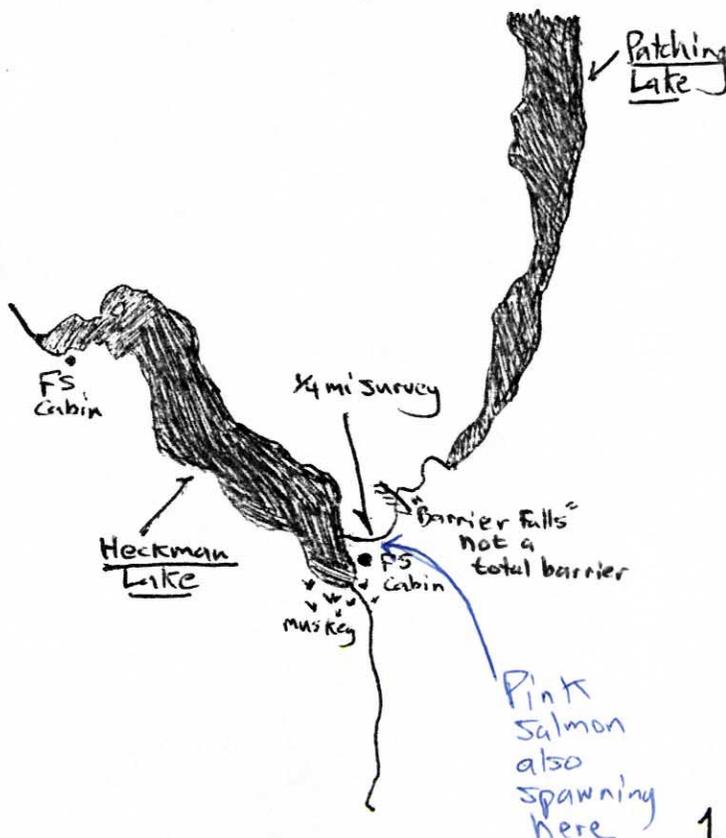
Fish Migration Barrier(s) 1/4 mile up the Heckman Lake inlet stream (only 3 Sockeye were observed above this barrier)

Spawning Density Low  Normal  High

If Applicable Draw a Small Map of the System

Comments (stream obstructions, characteristics, etc.) Spawning was occurring along the periphery of the Heckman Lake inlet stream delta. there were also 50 live Pinks in the Heckman Lake inlet stream. We flew in and departed the lake on a Beaver.

- Recovered Primary Sockeye Tags:
- #X5508
  - #X17116
  - #X20412
  - #X50819
  - #X50863
  - #X50910
  - #X51900
  - #X52804
  - #X56034
  - #X57134
  - #X69519
  - #X77088



Stream Survey conducted by B. Budke/J. Orsi

If any tags were recovered please note the tag numbers and species on the back of this form

SOCKEYE SYSTEM SURVEY FORM  
U.S. / CANADA RESEARCH

System Name Naha System Date 9/17/82  
 Stream Catalog No. 101-90-050 Geodetic Map No. Ketchikan C-5  
 Stream Location(s) This survey was conducted in the Jordan Lake area of the Naha System. There were four locations looked at in the Jordan Lake area: North Inlet, South Inlet, West Inlet, and West Outlet. Only the latter three contained fish.

System Section	Distance Surveyed	Species	Stream Live	Stream Dead	(note letters also)		Rec. Primary Tags	
					Obs. Live Fish	Secondary Tags Dead Fish	Live Fish	Dead Fish
N. Inlet	3/4 mi	Sockeye	0	0	0	0	0	0
S. Inlet	1/4 mi	Sockeye	203	0	0	0	1	0
W. Inlet	1/4 mi	Sockeye	1	0	0	0	0	0
W. Outlet	4 mi	Sockeye	21	0	0	0	0	0
Totals	5 1/4 mi	Sockeye	225	0	0	0	1	0
Primary Tags Observed			0		Species			

Water Level Low X Normal \_\_\_ High \_\_\_ Water Visibility Fair Normal X Poor \_\_\_

Fish Migration Barrier(s) \_\_\_\_\_

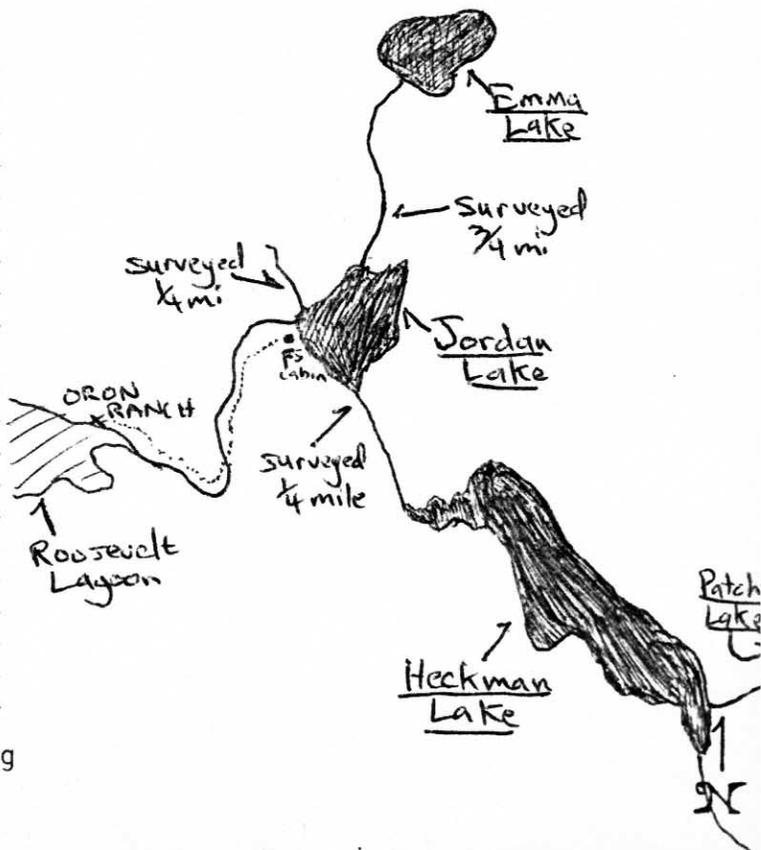
Spawning Density Low X Normal \_\_\_ High \_\_\_

If Applicable Draw a Small Map of the System

Comments (stream obstructions, characteristics, etc.) Spawning was occurring along the periphery of the Jordan Lake south inlet stream delta. An aerial survey of the perimeter of Jordan Lake was conducted with a helicopter and no visible lake spawning was observed.

Recovered Primary Sockeye Tags: #X51895

Recovered Primary Pink Tags: #Y28632  
#Y45872  
#Y74808



Stream Survey conducted by B. Budke/J. Orsi

If any tags were recovered please note the tag numbers and species on the back of this form

SOCKEYE SYSTEM SURVEY FORM  
U.S. / CANADA RESEARCH

System Name Naha System Date 9/19/82  
 Stream Catalog No. 101-90-050 Geodetic Map No. Ketchikan C-5  
 Stream Location(s) South inlet stream of Heckman Lake

System Section	Distance Surveyed	Species	Stream Live	Stream Dead	(note letters also)		Rec. Primary Tags	
					Obs. Live Fish	Secondary Dead Fish	Live Fish	Dead Fish
S. Inlet	1/2 mi	Sockeye	67	412	0	0	1	2
Totals	1/2 mi	Sockeye	67	412	0	0	1	2
Primary Tags Observed			0		Species			

Water Level Low  Normal  High  Water Visibility Fair  Normal  Poor

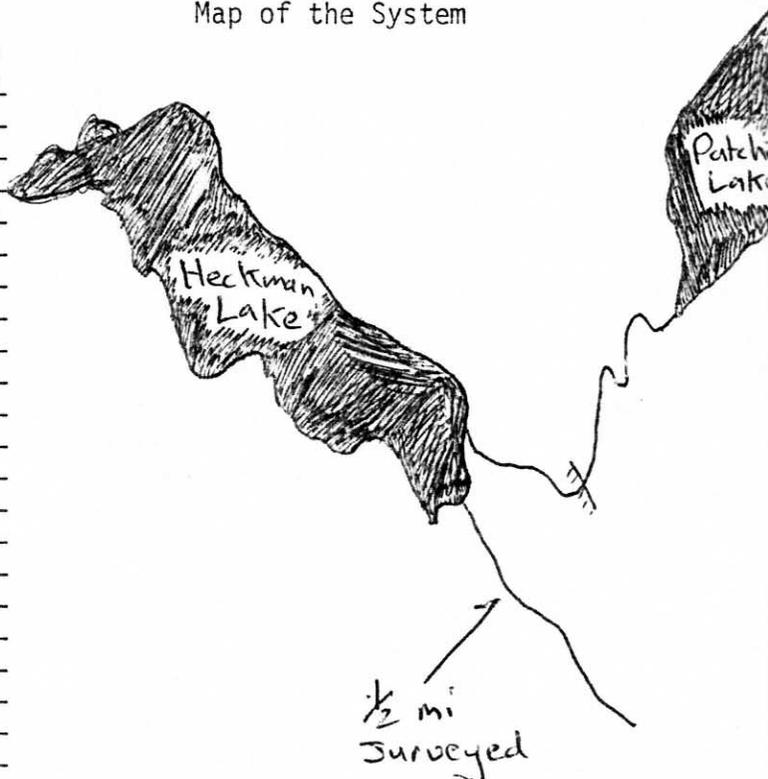
Fish Migration Barrier(s) \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Spawning Density Low  Normal  High

If Applicable Draw a Small Map of the System

Comments (stream obstructions, characteristics, etc.) Many Sockeye carcasses were very moldy and others were at the bottom of deep pools. This small inlet stream was located with the aide of a helicopter. We could not find this stream earlier with fixed wing aircraft and a rubber raft!

Recovered Primary Sockeye Tags: #X21931  
 #X50346  
 #X52304



Stream survey conducted by B. Budke/J. Orsi

If any tags were recovered please note the tag numbers and species on the back of this form