



State of Alaska
Department of Fish and Game
Habitat and Restoration Division

ALASKA DEPT. OF FISH & GAME
JAN 14 2003
HABITAT AND RESTORATION DIVISION
REGION II

Nomination of Waters
Important to Anadromous Fish

Region: Southcentral
Anadromous Water Catalog Number of Waterway: 247-41-10200-2211-3011-4030
Name of Waterway: Lake Four
USGS Quad: Talkeetna A-1
Status: USGS Name Local Name
 Addition Deletion Correction Backup Information

Nomination # <u>03 177</u>		Regional Supervisor <u>[Signature]</u> Date <u>3/28/03</u>	
Revision Year: <u>2003</u>		AWC Project Biologist <u>[Signature]</u> Date <u>26 MAR 03</u>	
Revision to: Atlas _____ Catalog _____ Both <input checked="" type="checkbox"/>		Drafted _____ Date _____	
Revision Code: <u>A-1</u>			

SITE INFORMATION Station: FSH0228b36 Visit: 1 Date Observed: 9/10/2002 Latitude: 62.213283 Longitude: -150.06052
Legal Description: NW 1/4 Section 32, T. 25 N., R. 4 W., S.M.

STREAM PARAMETER Wetted OHW
Width (m) _____ Water Temp. (C): 13.6 Stream Stage: Medium
Thalweg Depth (m) _____ Dominant Substrate: Gravel

Station Comments:

SPECIES INFORMATION	Life Stage	Count	Life History
three-spine stickleback Sampling Method: Portable Electrofisher Fish passage barrier at site: Unknown Species Comments: 22 in lake	Juvenile/Adult	4	Resident
chinook salmon Sampling Method: Portable Electrofisher Fish passage barrier at site: Unknown Species Comments:	Juvenile	2	Anadromous
coho salmon Sampling Method: Portable Electrofisher Fish passage barrier at site: Unknown Species Comments:	Juvenile	1	Anadromous

Additional Comments:

Next Page for more species...

Coho and chinook were captured in below Lake 4 in outlet stream. Lake was not adequately sampled. Beaver dam at Lake outlet does not appear to be a barrier to all life stages and at all flows.

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.

Name of Observer: Joe Buckwalter, Fish and Wildlife Technician Phone: (907)267-2345 Date Printed: 12/10/2002

Signature: Joe Buckwalter

Address: Habitat and Restoration Division, Alaska Department of Fish and Game
333 Raspberry Road
Anchorage, AK 995181599 USA

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.

Signature of Area Biologist: _____

SPECIES INFORMATION rainbow trout
Sampling Method: Visual Observation, Ground
Fish passage barrier at site: Unknown
Species Comments:

Life Stage: Adult
Area (m2): Effort (s):

Count: 2
Trap Time (h):

Life History: Resident
Trap in:
Trap out:

4

SPECIES INFORMATION longnose sucker
Sampling Method: Visual Observation, Ground
Fish passage barrier at site: Unknown
Species Comments: school observed in lake

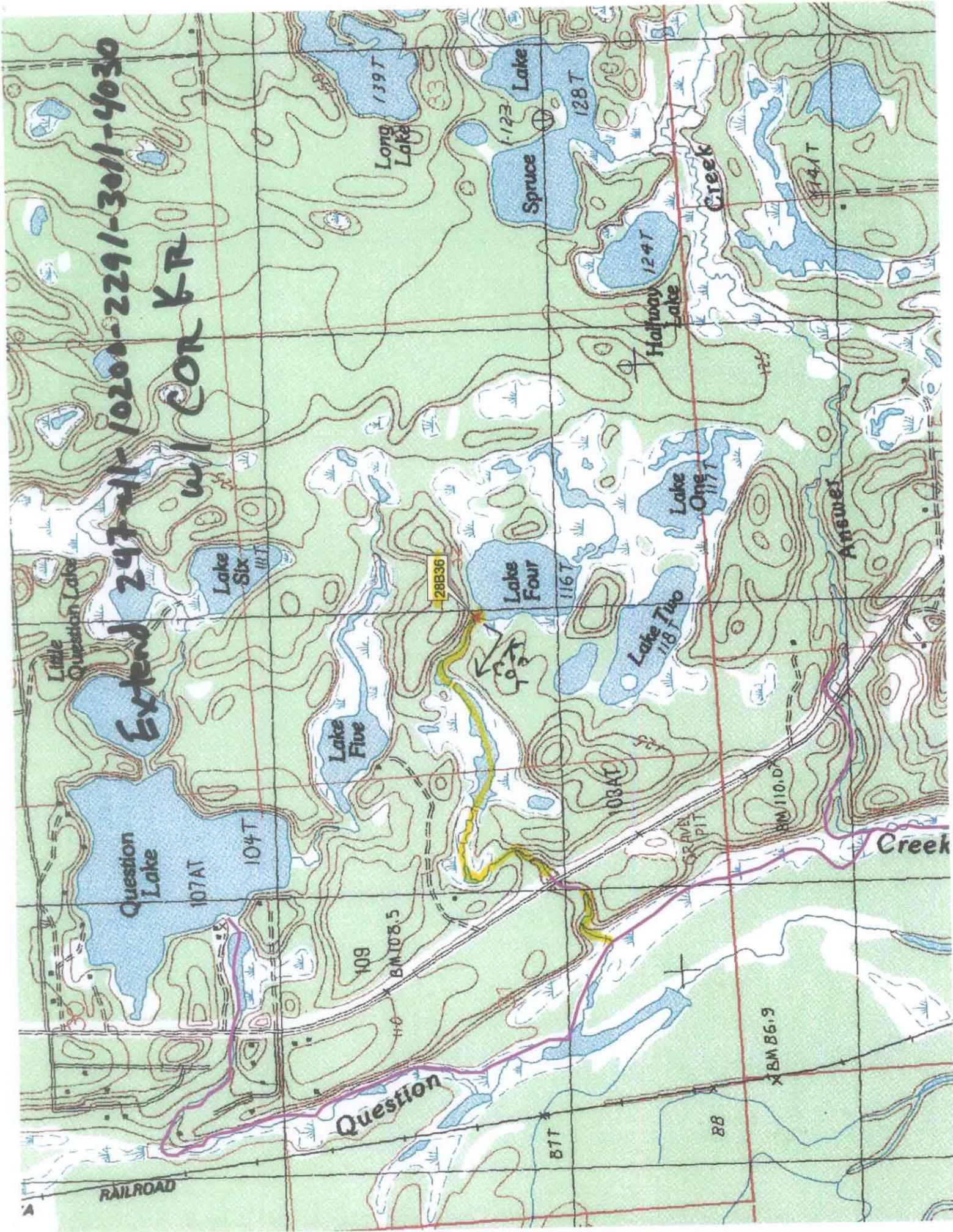
Life Stage: Adult
Area (m2): Effort (s):

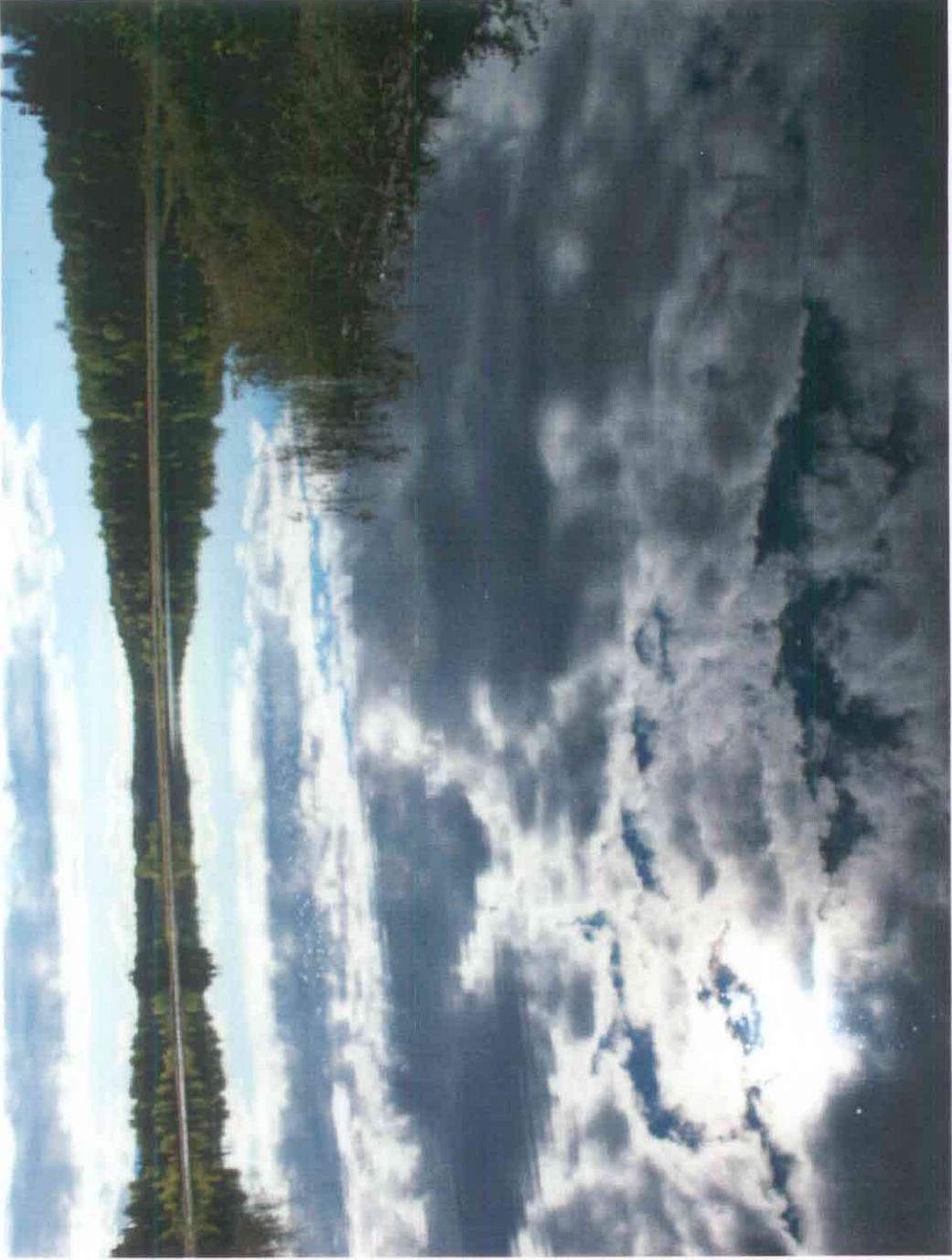
Count: 100
Trap Time (h):

Life History: Resident
Trap in:
Trap out:

5

Extend 247 ft
10200-2291-3011-4030
w/ COR 6R





28B36 looking upstream (Lake 4)



28 B36 looking downstream from beaver dam.

Nomination Number	Project Code	Station ID	No. of Anad. Fish	Method	Comments Justifying Addition
03-177	FSH02	28B36	3	PEF	This stream is cataloged ~ 1 mile downstream for the same species & life stages observed at this station. Electrofishing was ended early to avoid further disturbance or injury to adult rainbow trout observed. More fish (unidentified) avoided capture by taking refuge in the beaver dam.

FB 3/25/03

Original section mapped in
2002 has CR & KR noted.