State of Alaska
Department of Fish and Game
Division of Sport Fish

Nomination Form
Anadromous Waters Catalog

ME

Region: WST

USGS Quad(s): Goodnews Bay, B-5

Anadromous Waters Catalog Number of Waterway: 335-00-10850-~~2200-00100~~

Name of Waterway: Goodnews River ☐ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☑ Correction ☐ Backup Information

For Office Use

Nomination # 11-340		Fisheries Scientist	Date 10/14/11
Revision Year: 2012		Habitat Operations Manager	Date 10/14/11
Revision to: Atlas ____ Catalog ____ Both X		AWC Project Biologist	Date 9/15/11
Revision Code: B-2		Cartographer SDG	Date 9/13/11

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Sockeye	8/12-13/2011	Y		Y	☑
					☐
					☐
					☐
					☐

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:
total 102 spawning sockeye sampled from three locations

(59.450,--160.777)
(59.458,--160.726)
59.457,--160.714)

add sockeye salmon spawning to stream

Name of Observer (please print): Chase Jalbert

Signature: [signature]

Date: 9/13/2011

Agency: Alaska Department of Fish and Game- Genetics

Address: 333 Raspberry Road
Anchorage AK 99518

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 Anadromous Waters Catalog.

Signature of Area Biologist: _____ Date: _____

Name of Area Biologist (please print):

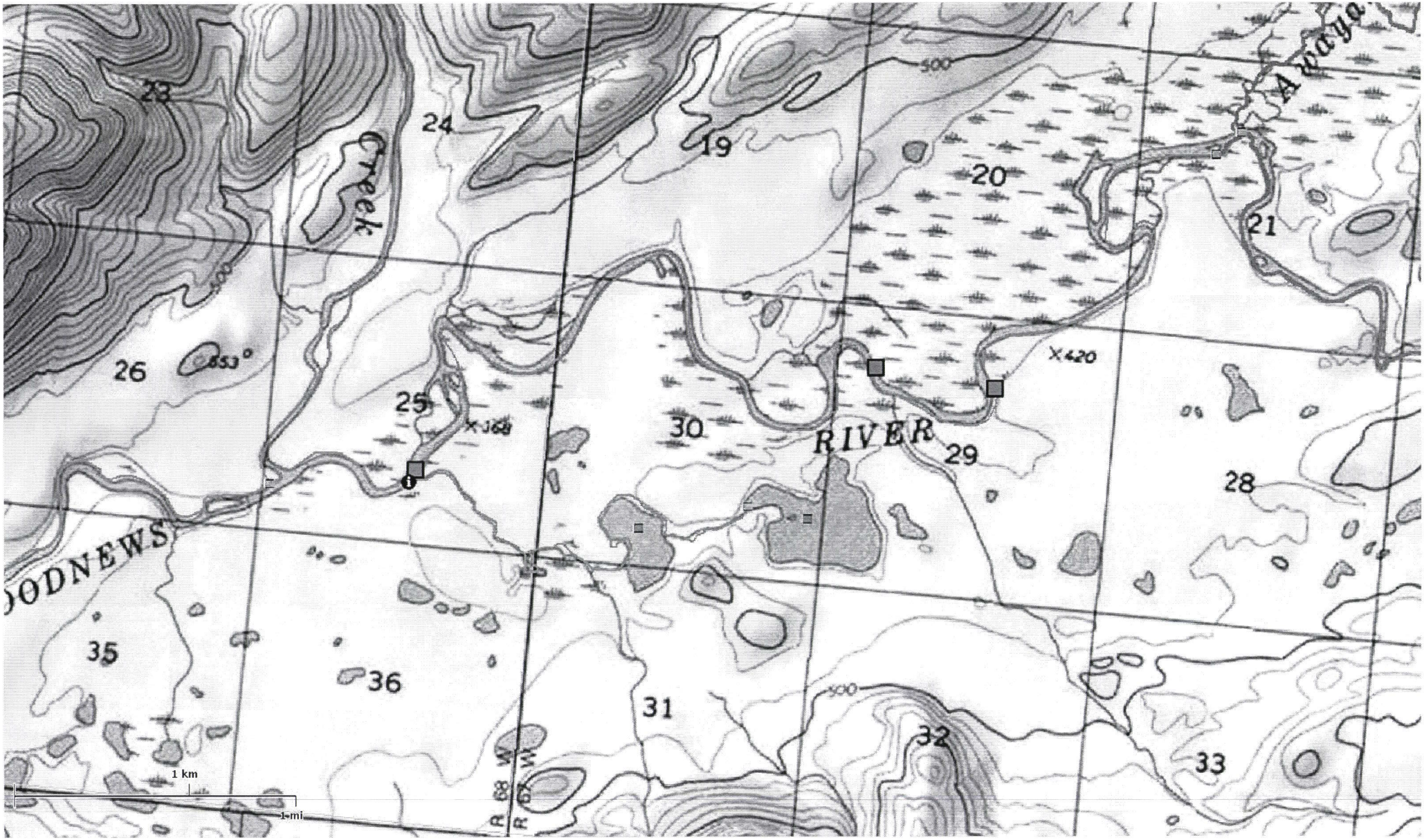
Revision 05/08

August 12: WX: visibility 5-10 miles, wind 0, ceiling 800-1000ft, raining. Arrived at the feeder stream about 1200 and headed upstream looking for fish. Fast moving stream, swollen from rain! We passed good numbers of fish, but most were in water that was too swift and/or too deep to sample safely. We found a spot where sampling was possible inspite of tight banks and lots of snags (N59.51009 W160.504). We used only one net to round-haul the fish. I stood on shore as Dan floated down river in his dry suit around the fish and then hopped up on the bank. We were able to collect 57 samples in this area. Due to the high/swift moving water, and heavy bear activity, we decided not to go any further upstream. Instead, we sampled a huge ball of fish that were milling in the outlet of the feeder stream (N59.50649 W160.51166). These fish looked like they were waiting to move upstream and were not actively spawning at the outlet. We sowed our nets back together, and captured our sample in one haul; finishing feeder stream samples roughly 1600. Our beach spawning spot was across from camp (N59.47276 W160.59028). Fish seemed to be spawning very deep in this part of the lake. Same sampling methods were used as previous, and we were able to collect over 100 fish in a couple hauls. To finish our lake samples we headed to the lake outlet. Found some fish down river (N59.47234 W160.6266); tried using the full 50 fathom net. Not optimal; water too deep, and the current too swift. Using one net, Dan would float downriver in his dry suit, and I would walk the shore. When we had good numbers of fish, we closed up and dragged our catch to shallower water. Most outlet spawning salmon came from this site, but we had to move slightly upstream to finish the sample. Finished sampling around 2130.

August 13: WX: visibility unlimited, wind 0, ceiling unlimited¿CAVU! We departed the beach at 1140. Reached our first river spawning population around 1400 (N59.45792 N160.71408), in a side channel of the river. We collected few samples, so we kept moving. Our next sampling spot (N59 N59.45839 W160.72628) was in a similar side channel (more Dolly Varden than sockeye salmon); we collected few samples and continued down river. Passed several aggregates of spawning sockeye salmon after our second sampling spot, but the water was either too deep/too swift. Finally found a spot with easier sampling conditions (N59.45084 W160.77161), also a side channel, with a tall cut bank on the side. We used the same methods described above and finished sampling about 1930.

August 14: WX: visibility 1 mile, wind steady @ 25-30mph w/ 45-55mph gusts, rain. Rafted downriver toward the Middle Fork Goodnews Weir camp; got picked up by the weir crew above the lodge, and taken back to the weir camp for the evening.

August 15: WX: visibility ~15 miles, wind 0, ceiling 3000ft, no precipitation. Chartered back to Bethel with Yute Air in a Cessna 207, from Goodnews Bay; arrived back in Bethel around 1700.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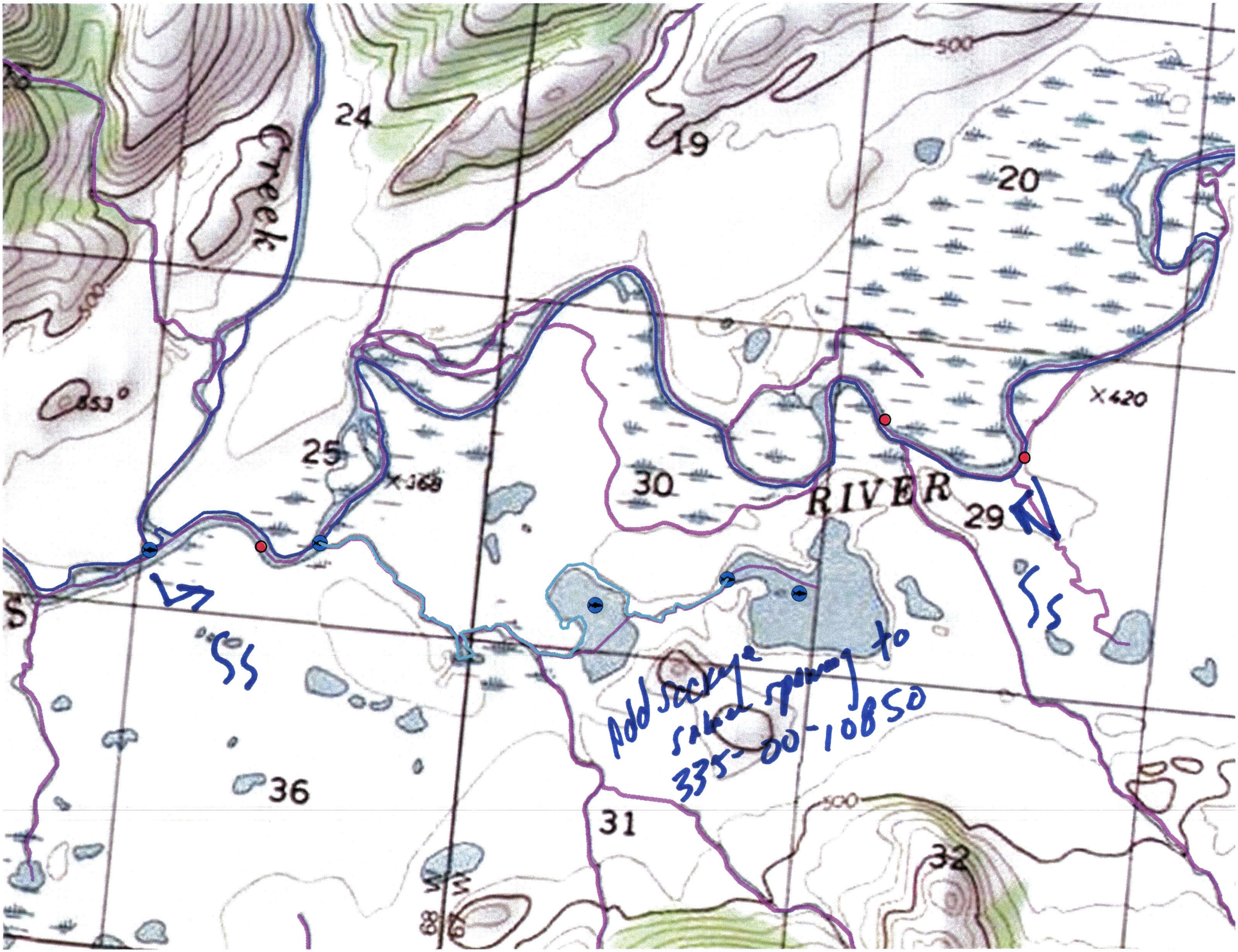
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Add sockeye salmon spawning to 335-00-10850