



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Fish Distribution Database



Region Southeast

USGS Quad(s) JUNEAU B-5 + B6

Fish Distribution Database Number of Waterway 114-23-10199

Name of Waterway _____

USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>07-501</u>		<u>11/2/07</u>
Revision Year:	<u>2006</u>	ADF&G Fisheries Scientist	Date
Revision to:	Atlas _____ Catalog _____ Both <input checked="" type="checkbox"/>		<u>11/2/07</u>
Revision Code:	<u>B-2, A-1, B-6</u> <u>E-1</u>	ADNR OHMP Operations Mgr.	Date
		FDD Project Biologist	<u>10/22/07</u>
			<u>12/12/07</u>
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	10/03/2006		✓	✓	
Dolly Varden	10/24/2006			✓	✓
				✓	

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:

I will send J an email containing the supporting documents (a Word document, aerial photo and FDD print-out).
Coordinates (Lat,Long): Upper(58.4436,-135.7327) Lower(58.4478,-135.7336)

Add polygon upcoho salmon rearing
Add coho salmon present (adult)
to extend and add coho salmon rearing

Name of Observer (please print): Kate Kanouse
Signature: _____
Agency: 205.166.26.233 (Web Nomination)
Address: DNR/OHMP DNR/OHMP
Juneau, AK 99811

Date: 10/15/2007

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 Fish Distribution Database.

Signature of Area Biologist: _____ Date: _____
Name of Area Biologist (please print): _____ Revision 02/05

GUSTAVUS AIRPORT DITCH CREEK EXTENSION & POLYGONS

The existing AWC listing for Stream No. 114-23-10199 ends at Rink Creek Road in Gustavus, though fish passage is possible through the four 30" culverts under the road. Fish habitat extends upstream about another ½ mile, and ends where most of the waterflow originates from groundwater percolation. Four of the five active gravel pits shown in the attached aerial photos contain rearing coho salmon. Several expired gravel pits exist near the upper extent, though we have not studied these ponds and do not know if fish access these ponds.

The upper reach of Stream No. 114-23-10199, beginning at Rink Creek Road and ending at the upper extent, contains rearing and coho presence (8 juveniles were captured and 5 ripe adults were observed, though we did not observe active spawning), Dolly Varden (1-8" fish was captured) and three-spine stickleback. See attached FDD print-out for trapping locations, waypoints (NAD 83) for the locations are as follows:

A - N 58.4436 W 135.7327

B - N 58.4489 W 135.7336

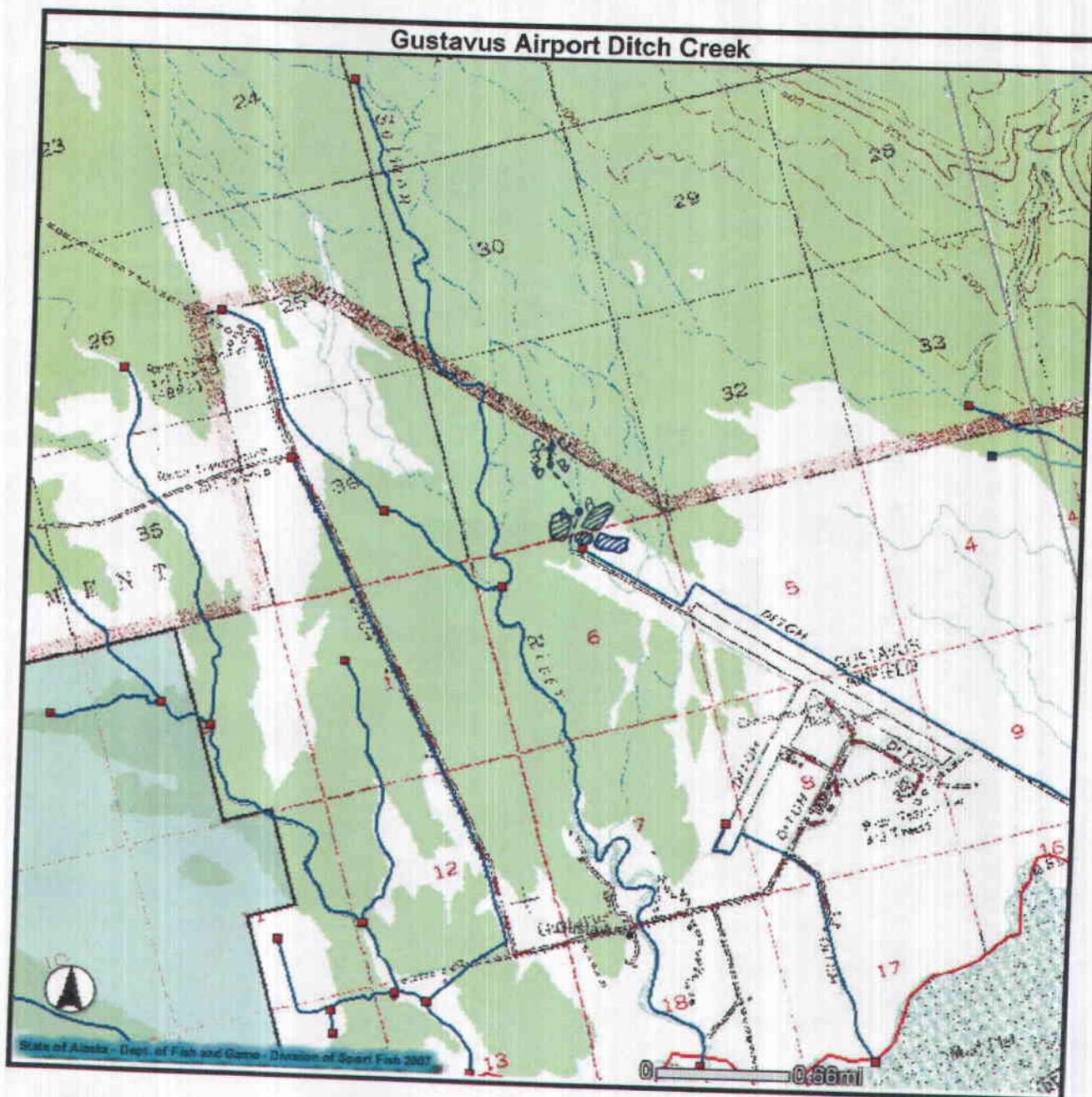
C - N 58.4478 W 135.7336

Please add the upper reach of the existing Stream No. 114-23-10199, as shown as A, B and C on the attached FDD map. At point A, we captured 1-DVp, 3-COr, 5-Cos and TSB. At point B, we captured 3-COr. At point C we captured 2-COr and TSB.

The four active gravel pits are connected to each other or the ditch drainage by culverts or waterbars. A fifth gravel pit does not connect to the other pits, but likely drains during high flows (35 three-spine stickleback were captured in this isolated pond). Refer to the attached aerial photo for pond locations of the following traps:

- In the southwest (SW) pond, we captured a total of 8 COr and 237 TSB in 8 baited minnow traps (pond center N 58.44262 W 135.73383)
- In the southcentral (SC) pond, we captured a total of 1 COr and 132 TSB in 3 baited minnow traps (pond center N 58.44206 W 135.73129)
- In the southeast (SE) pond, we captured a total of 3 COr and 110 TSB in 4 baited minnow traps (pond center N 58.44215 W 135.72896)
- In the northeast (NE) pond, we captured a total of 12 COr and 56 TSB in 4 baited minnow traps (pond center N 58.44365 W 135.72975)

Please add four polygons (or one large one?) to show COr in the gravel pits. Though the SC pond traps only captured 1 COr, the SC pond is directly connected to the upper reach of Stream No. 114-23-10199 and to the SE and NE pits where numerous COr were observed. Additionally, fish residing in the SE and NE pits must cross through the SC pit to access Stream No. 114-23-10199 for over-wintering habitat and outmigration.



- A = captured 1-DVP, 3-CO_r, 31-TSB and obs. 5-CO_s.
- B = captured 3-CO_r
- C = captured 2-CO_r + several TSB

* Shaded areas are large ponds (active gravel pits), each of which have captured rearing coho.

T1A → 5-CO + 45-TSB (180)
 T2A → 4-CO + 7-TSB (195)
 T3A → ~~4~~ TSB-50 (290)
 T4A → 50-TSB (285)
 T5A → 40-TSB (290)
 T6A → ~~5~~ 40-TSB (287)
 T7A → 2-CO + 12-TSB (295)

T8 → 65-TSB (295)
 T9 → 1-DV (250) + 6-TSB + 5-COs
 T10 → 30-TSB + 1-COs (245)
 T11 → 45-TSB (237)
 T12 → 25-TSB (230)

10/4/06 trapping
 (A) 10/24/06 trapping

Airport
 Ditch creek

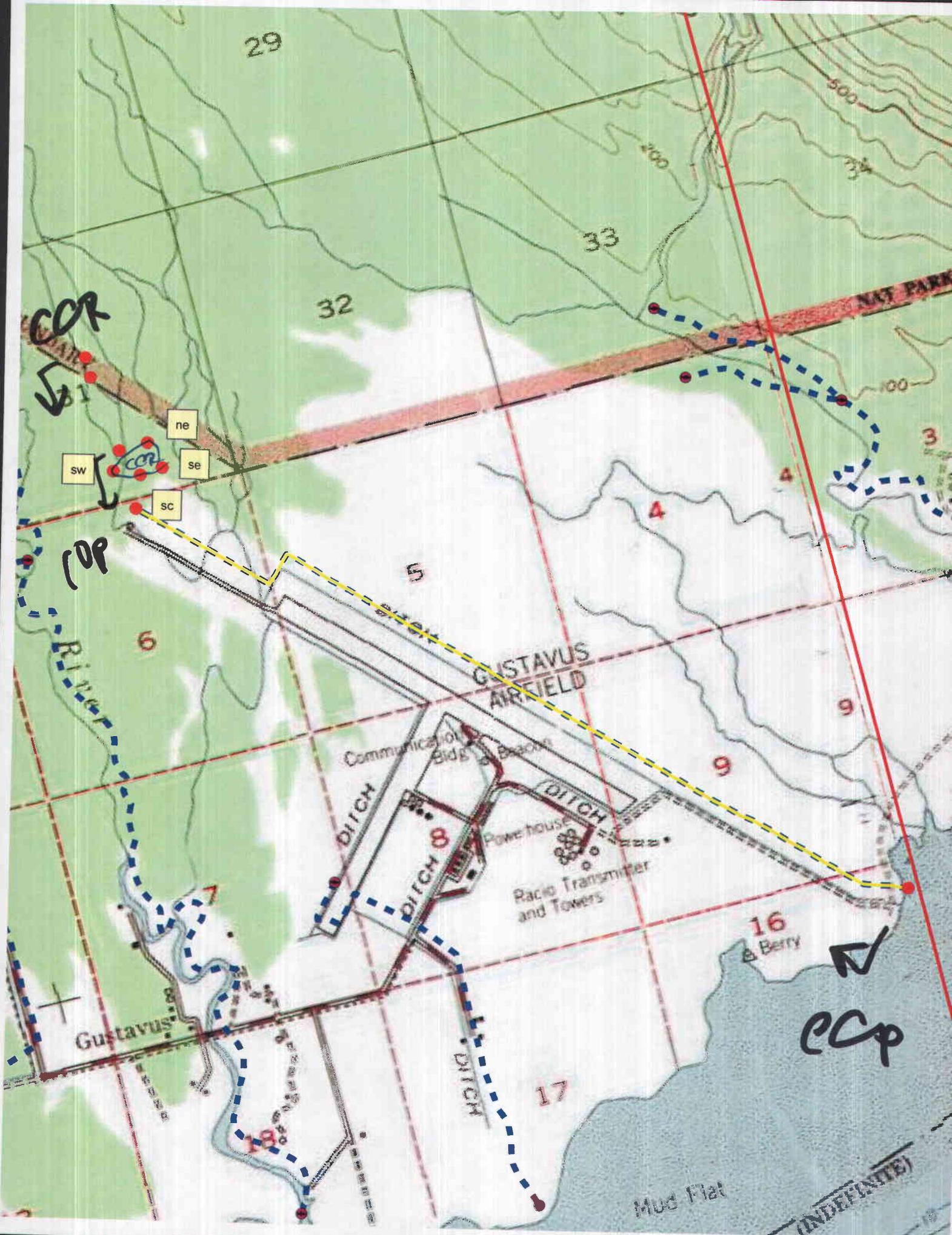


Trays:

T5 → 1-CO + 32-TSB (80 min)
 T6 → ∅ (110 min)
 T7 → 35-TSB (121)
 T8 → 1-CO (115)
 T9 → 2-CO + 4-TSB (120)

T10 → 35-TSB (102)
 T11 → 30-TSB (110)
 T12 → 3-CO (110)
 T13 → 1-CO + 40-TSB (350)
 T14 → 12-TSB (345)
 T15 → 20-TSB (345)

T16 → 5-CO (#348)
 T17 → 75-TSB (323)
 T19 → 10-TSB (330)



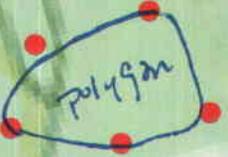
Extend
114-23-10199
Add COHO SALMON penit
and
Coho Salmon
feeding

COR

31

CCP

sw



ne

se

sc

COR

Add polygon

114-23-10199-0900

of Coho Salmon feeding