



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

Nomination for Waters  
Important to Anadromous Fish

Region SOUTHCENTRAL USGS Quad Tyonek D-1

Anadromous Water Catalog Number of Waterway 247-41-10200-2120-

Name of Waterway Willow Creek tributary  USGS Name  Local Name  
 Addition  Deletion  Correction  Backup Information

For Office Use

Nomination #	<u>99-089</u>	<u>[Signature]</u>	<u>2/17/00</u>
Revision Year:	<u>∞</u>	Regional Supervisor	Date
Revision to: Atlas	Catalog	<u>[Signature]</u>	<u>2/9/00</u>
	Both <u>X</u>	AWC Project Biologist	Date
Revision Code:	<u>A-2</u>	<u>[Signature]</u>	<u>5/4/00</u>
		Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
COHO	9/18/98		70+		<input checked="" type="checkbox"/>
SCULPIN	9/18/98		4+		<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

**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:** This stream or streams are created by ground water percolating up into old overflow channels of Willow Creek near an old Corps of Engineers dike. The stream has four branches: One branch about 35 yds. above the confluence with Willow Creek begins in a pond (old gravel extraction site) behind the dike. This pond has a short outlet which empties into the main branch of the stream. A second branch enters from the right descending bank about 75 yds further upstream. This branch extends about 100 yds upstream between the dike and the old overflow channel bank. A short third branch enters midway between the 2nd trib. and a beaver pond further up on the mainstem. The main branch extends up and then curves toward the north ending up back at Willow Creek. The channel of this main branch was dry in between Willow Crk and a point approximately 50 yds downstream. Evidence of high flows from Willow Creek into this channel were present(debris in trees). The pond was electrofished at the outlet (pt. A) and within the pond itself (pt. B). Seven juvenile coho (FL 45mm - 58mm) were captured and 40+ others were turned. Schools of 20+ juvenile cohos were visually observed during the walk up the mainstem of the creek. The main stem was electroshocked at point C yeilding 3 coho juveniles (FL 58mm - 85mm) and several sculpins. Six other juvenile coho were turned and not retrieved. The second branch was sampled at it's upper most point (pt. D) yeilding 4 coho juveniles (FL 45mm - 51mm). Substrate in the mainstem downstream of the pond was primarily sand/silt, between the pond and the second branch it was primarily gravel and upstream of the second branch it was primarily cobble/gravel.

**EDWARD W. WEISS**  
HABITAT BIOLOGIST

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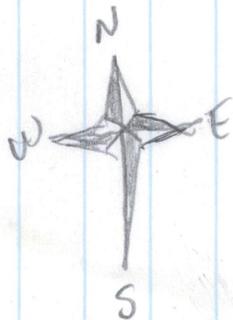
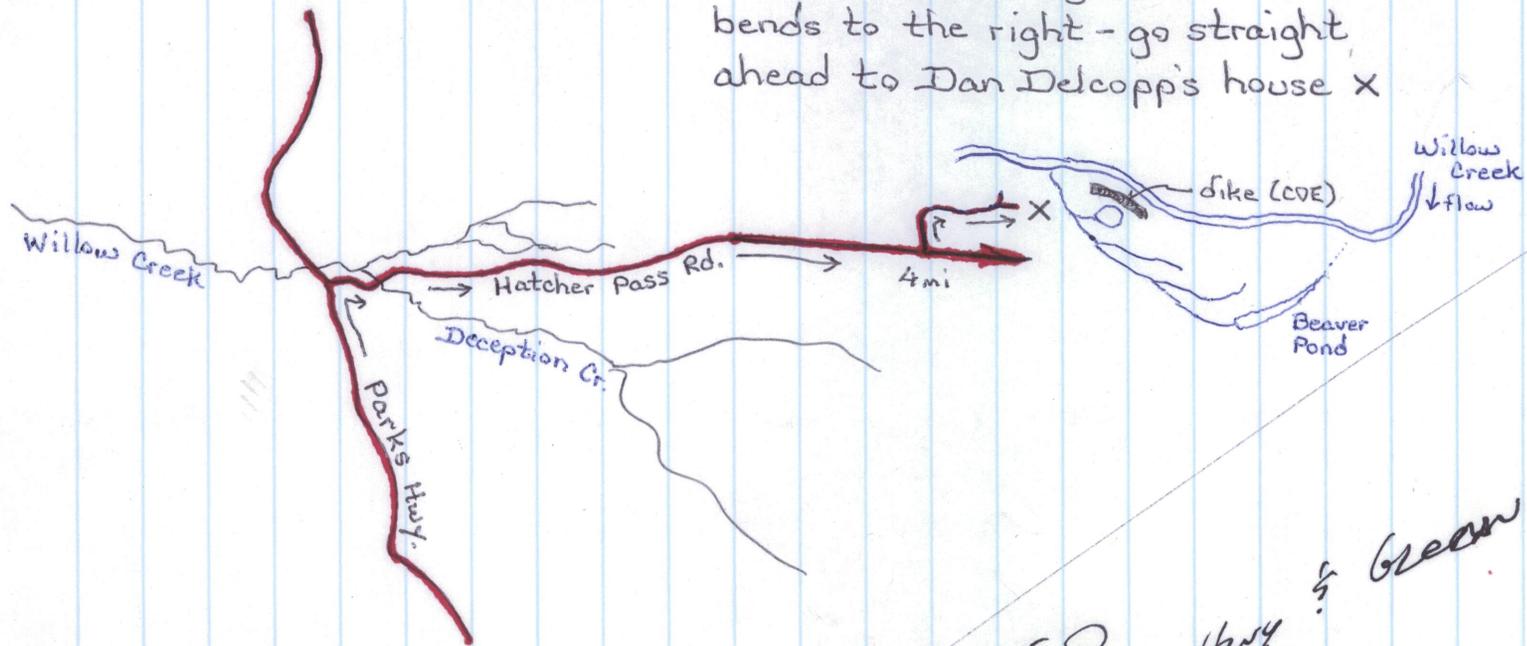
STATE OF ALASKA  
DEPARTMENT OF FISH AND GAME

Signature [Signature]  
Date: 11/5/98

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: [Signature] 11-5-98 Revision 3/97

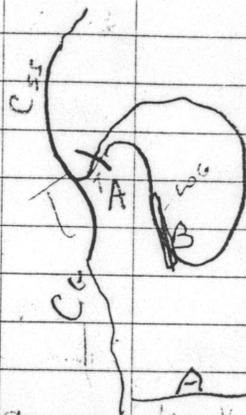
Approx. 4 mi. from Parks Hwy  
turn left (Geatz sign); road  
bends to the right - go straight  
ahead to Dan Delcopp's house X



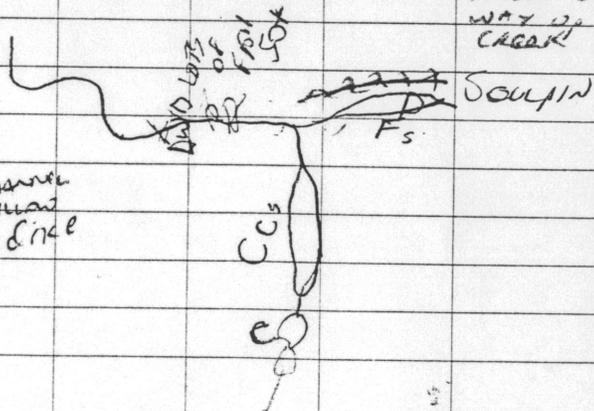
ALSO  
Parks Hwy & Green Hwy

9/18/98 Willow TRIPS.

TEMP 8°C

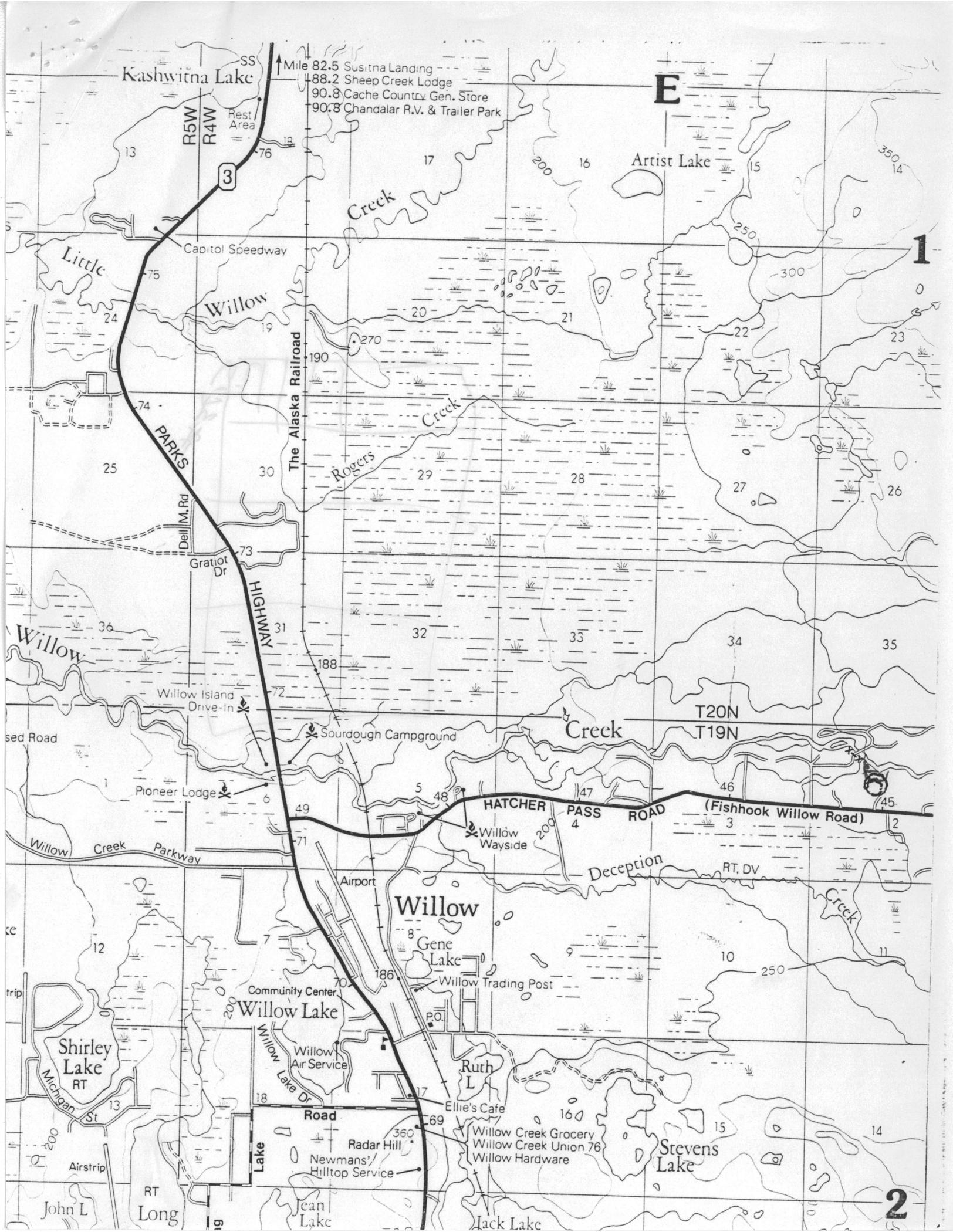


	<u>A</u>	<u>B</u>	<u>C</u>
9/18/98 (SITE A)	length (in ms)		
1) CCHs	2.25	2.25	3.3/8
2) "	2.00	2.00	2 1/4
3)	1.7/8	40+ OTHERS	2 1/4
4)	1.2/8	SPOTTED	6+ OTHERS TRAINED
5)	2.00		20+ OTHER VISUAL ON WAY TO CACAK



D  
 1 3/4  
 1 3/4  
 1 7/8  
 2.0

OLD channel  
 of Willow  
 BEHIND Dike



Kashwitna Lake

82.5 Susitna Landing  
88.2 Sheep Creek Lodge  
90.8 Cache Country Gen. Store  
90.8 Chandalar R.V. & Trailer Park

E

Artist Lake

R5W  
R4W

3

PARKS

The Alaska Railroad

Capitol Speedway

Willow

Creek

Rogers Creek

Little Willow

Willow

sed Road

Willow Creek Parkway

Shirley Lake

John L

Long

Sourdough Campground

Pioneer Lodge

Airport

Willow

Gene Lake

Willow Trading Post

Willow Lake

Willow Air Service

Ruth L

Ellie's Cafe

Willow Creek Grocery  
Willow Creek Union 76  
Willow Hardware

Radar Hill  
Newmans' Hilltop Service

Jack Lake

Stevens Lake

1

2

Z:\AWC\REQUESTS\newstreams\WILLOW NEWSTREAM.SHP

