



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

Nomination for Waters  
Important to Anadromous Fish

Region SOUTHCENTRAL

USGS Quad Anchorage C-7

Anadromous Water Catalog Number of Waterway 247-50-10300-2080

Name of Waterway Wolf Lake outlet stream  USGS Name  Local Name

Addition  Deletion  Correction  Backup Information

For Office Use

Nomination #	<u>01 155</u>	Regional Supervisor	<u>[Signature]</u>	Date	<u>11/20/01</u>
Revision Year:	<u>2001</u>	AWC Project Biologist	<u>[Signature]</u>	Date	<u>7/10/01</u>
Revision to:	Atlas _____ Catalog _____ Both <u>X</u>	Drafted		Date	<u>12/6/01</u>
Revision Code:	<u>A-1</u>				

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho	9/12/00		11		<input checked="" type="checkbox"/>
Dolly Varden	9/12-13/2000		X	13	<input type="checkbox"/>
					<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:** Additional data collected during Mat-Su Culvert Inventory of Bodenber, Wasilla and Cottonwood Creek drainages, see attached data sheets. Initial data collected during Cottonwood Creek study and submitted during 2000 (nom# 99-232). Fish collected in minnow traps baited with salmon roe and adults visually observed. Additional information available in Cottonwood Creek and MSB Culvert Inventory database.

Add coho rearing in addition to coho spawning and extend stream with coho rearing. Coho caught in traps above and below culvert. Upper extent of rearing noted 500 feet upstream based on no blockages between upper trap site. This is also upper extent of possible usage, due to gradient barrier. Stream trapped at four locations upstream and only Dolly Varden captured.

ALASKA DEPT. OF FISH & GAME  
MAY 24 2001



**EDWARD W. WEISS**  
HABITAT BIOLOGIST

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STATE OF ALASKA  
DEPARTMENT OF FISH AND GAME

Signature: [Signature]  
Date: 5/23/01

REGION II  
HABITAT AND RESTORATION  
DIVISION

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: \_\_\_\_\_ Revision 3/97



# Mat-Su Stream Crossing Structure

## Minnow Trap

set	1530 9/12	1530 9/12
pull	1617 9/12	1620 9/12
time		

Upstream			Downstream	
Catch	Species	Length	Species	Length
1	DV	86	DV	90
2	DV	92		
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

### fish habitat / presence:

Sample method MT/VS code

Habitat  code

### presence verified:

Chinook	N	codes
Coho	N	
Sockeye	N	N
Pink	N	US
Chum	N	DS
Rainbow	N	BT
Dolly Varden	BT	
Other Resident Fish	N	

**Weather**  
 clear  
 prt. cldy  
 cloudy

**Precipitation**  
 today Y  
 yesterday Y  
 this week

**Stream Stage**  
 high  
 medium  
 low

**Water Temp**  
 \_\_\_\_\_

**Substrate** % **Water Clarity**

mud 30 clear

sand 60 stained

gravel 10 turbid

cobble \_\_\_\_\_ muddy

bidr/bedrock \_\_\_\_\_ murky

117

### site:

Sampling Crew  
 Road Name  
 Stream Name Wolf  
 Watershed Minor No.

Date	9/12/00	
Site No.	117	GPS wpt
	EW NH JC	initials
	Pvt Aene	
	Wolf Stream	
		Aa#

### culvert:

Crossing Structure Type	CP	code
Entrance Type	PRO	code
Substrate Type	EG	code
Inlet Erosion	N	code
Outlet Erosion	F	code
Structure Failure Mechanism	N	code
Special Site Condition	FH/WA	code
Road Prism type	TF	code

*ROAD RUFF*  
*ROAD RUFF*

### stream:

Upstream Substrate Type	SIF	code
Upstream Bank Composition	A	code
Downstream Substrate Type	SIF	code
Downstream Bank Composition	A	code

Perch = N  
 CLASS = S/S

### Notes:

Arch C-7

\* 1 DV VIS. OBSERVED @  
 lower trap site prior  
 to set.

# Mat-Su Stream Crossing Structure

Minnow Trap

Photo 484 + 485

118

Date	9/13/00	
Site No.	118	GPS wpt
	EW/JC/DK	initials
Stream Name	WOLF Lk Outlet	
Watershed Minor No.		Aa#

set	9/12/00 1630	9/12/00 1630
pull	9/13/00 12:34	12:30 9/13/00
time	20:04	20:00

fish habitat / presence:

Upstream			Downstream	
Catch	Species	Length	Species	Length
1	DV	78	DV	103
2	DV	78	DV	103
3	DV	110	DV	99
4	DV	115		
5	DV	113		
6	DV	78		
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

Sample method  code

Habitat  code

presence verified:

Chinook	-	codes
Coho	X	
Sockeye		N
Pink		US
Chum		DS
Rainbow		BT
Dolly Varden		
Other Resident Fish	X	

Weather  Precipitation

Stream Stage  Water Temp

high  
medium  
low

Substrate % Water Clarity

mud \_\_\_\_\_   
sand \_\_\_\_\_ stained  
gravel \_\_\_\_\_ turbid  
cobble \_\_\_\_\_ muddy  
bldr/bedrock \_\_\_\_\_ murky

site:

Sampling Crew  
Road Name  
Stream Name  
Watershed Minor No.

culvert:

Crossing Structure Type  
Entrance Type  
Substrate Type  
Inlet Erosion  
Outlet Erosion  
Structure Failure Mechanism  
Special Site Condition  
Road Prism type

CO	code
ARO	code
FG	code
F	code
F	code
N	code
N	code
TF	code

stream:

Upstream Substrate Type  
Upstream Bank Composition  
Downstream Substrate Type  
Downstream Bank Composition

M	code
A	code
M	code
A	code

Notes:

New RD New culvert  
set last yr. v. w/ Dennis

Outlet 7

EXTEND STREAM  
247-50-10300-2080 w/ COR

