

**SITE INFORMATION**

**Site Identifier :** P11RB9 **Landowner Type :** Private  
**Site Name :** **Landowner Name :**  
**WRIA :** 05.0065A **Address :**  
**Region :** NS **Address2 :**  
**Trib to :** Secret Cr **City :**  
**River Mile :** 3.26 **State :**  
**River System :** Pilchuck Cr **Zipcode :**  
**Legal Description :** SE1/4S23T32NR4E **Phone :**  
**County :** Snohomish  
**Habitat Type :** terrace tributary

<b>Coordinates</b>	
<b>East:</b> 1,573,326.00	<b>North:</b> 1,065,507.00

**Directions :**

From the intersection of 276th St and Old Highway 99, go down 276th St for 0.3 miles to this stream as it crosses under the road.

**Area Overview :**

This is an intermittent trib that originates out of a beaver pond/swamp complex upstream of 276th St. Fish access is cut off at 252 meters where there is a private earthen dam (992177 in SSHEARBASE).

**Field Survey Information**

**Date :** 1/7/03 **Observer :** Olis **Survey Type :** initial

**HABITAT INFORMATION**

**Water Source:**  Spring  Groundwater  Surface runoff

**Flow:**  Intermittent  Year-round

**Estimated Flows (cfs):** Lower end: 0.25  
Upper end:

**Water Temperature(C):** Lower end: 3.3  
Upper end:

**Receiving Water Temperature (C):** 4.1

**Other Observations:**

**Site Area Measurements:**  Indirect  Direct  Combination  
 Widths: Channel: 1.1 Ponds: 18 Wetlands:  
 Depths: Channel: 0.18 Ponds: 2 Wetlands:  
 Total length (includes ponds and wetlands): 1071

**Total existing habitat area (est. m2):** 3768

Spawning area:	Mainstem: 20	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 348	Tribs:	Total:
Unaccessible habitat:	Mainstem: 3400	Tribs:	Total:

**Spawning habitat conditions:**  None  Poor  Fair  Good  Excellent

Describe spawning habitat: There are some gravel pockets scattered throughout this site. The gravel size ranges from pea gravel to 3". The gravel is found in both pool and riffle habitat type and there is good overhead cover present.

Rearing habitat conditions:  None  Poor  Fair  Good  Excellent

Describe pond and other rearing habitat: The initial 252 meters is low gradient and has heavy brush along the banks. The substrate is mostly muddy and there are several areas with gravel present.

Describe unaccessible habitat: At 252 meters is an earthen dam (992177) that blocks the habitat upstream. Upstream of this dam is a man-made pond with 1712 square meters of habitat. The inlet stream averages 0.9 meters in width and has a mostly mud substrate. The stream gradient is 4% to 5% with a mostly pool/riffle habitat type. The stream originates from a beaver pond/swamp complex located 274 meters upstream from 276th St.

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: This site is not affected by the mainstem and appears to have stable flows.

#### FISH INFORMATION

Site entry condition:  Poor  Fair  Good

Describe: There is a pool present in the mainstem where this stream enters. At 97 meters, there is an 8 meter section that goes subsurface, and fish access is unclear during low flow periods.

Coho access and use: Juvenile  Unknown  None  Poor  Fair  Good  
Adult  Unknown  None  Poor  Fair  Good

Describe: There were no fish observed on the day of the survey. This site is accessible to coho as there were coho observed downstream in the mainstem last year.

Other species access and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: This site is also accessible and suitable for trout use.

ENHANCEMENT OPPORTUNITIES: The earthen dam at 252 meters is a 100% barrier and providing fish passage would open up 3400 square meters of habitat upstream. There are also two road crossings upstream of the pond that could be addressed if repairing the earthen dam is feasible.

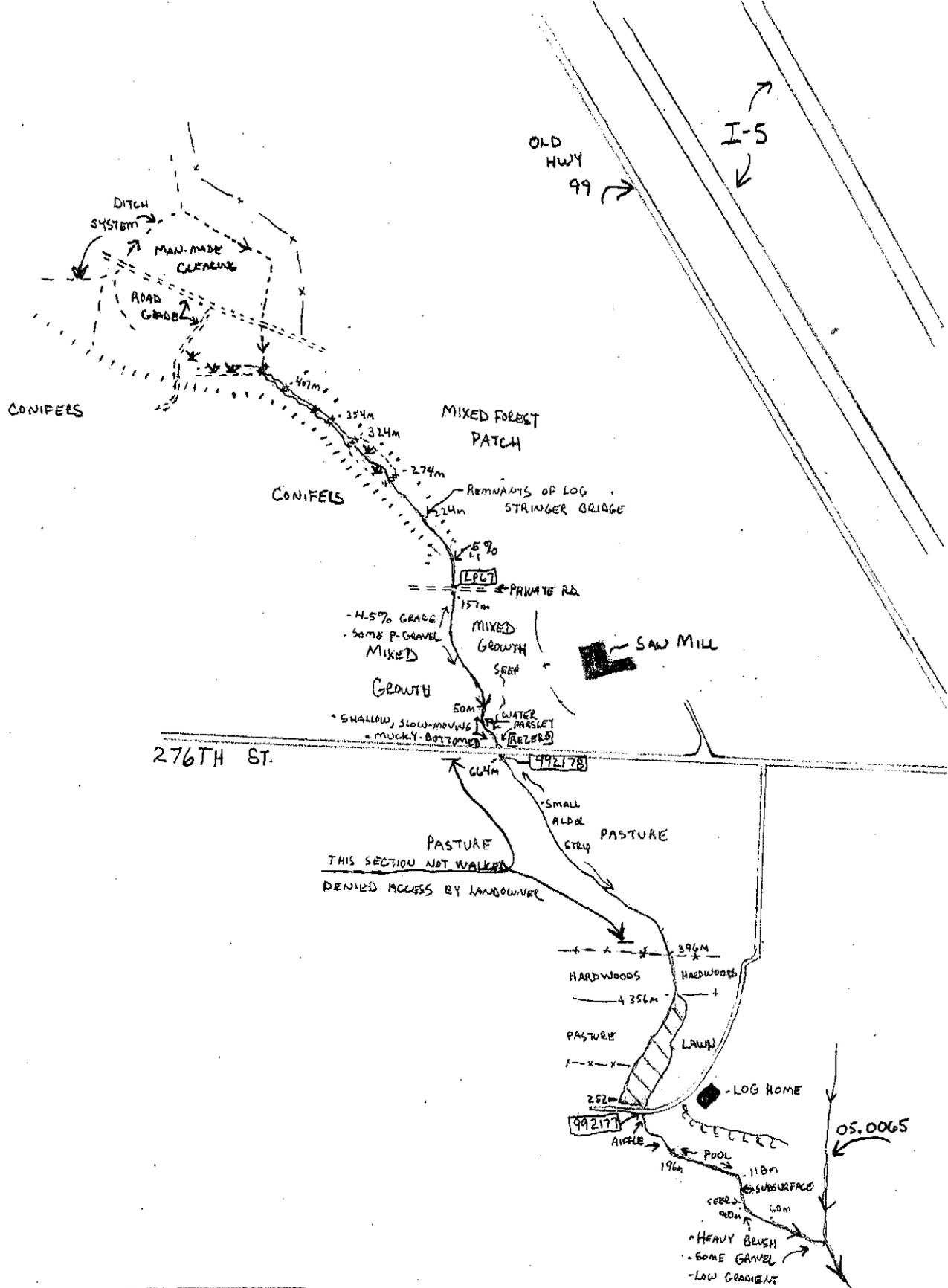
Project type:

Equipment access:

ADDITIONAL COMMENTS: At the upstream end of this site, there is some land clearing, filling and ditching that has occurred. This activity has cut into the beaver pond/swamp complex and has reduced the amount of available habitat.

#### ATTACHMENTS AVAILABLE

Aerials  Sketch  Maps  Spawning Surveys  Juvenile Trapping  
 Other References



Site id. code: PI1889  
 Site name:  
 Scale: 1" = 145m  
 Observer(s): OLIS  
 Legal location: SE 1/4 S23T32NR4E



PI 1RB 9

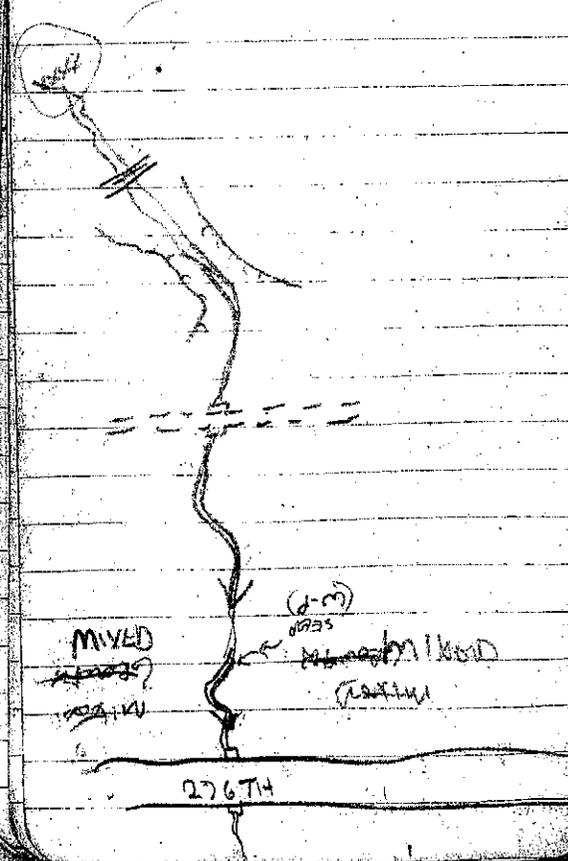
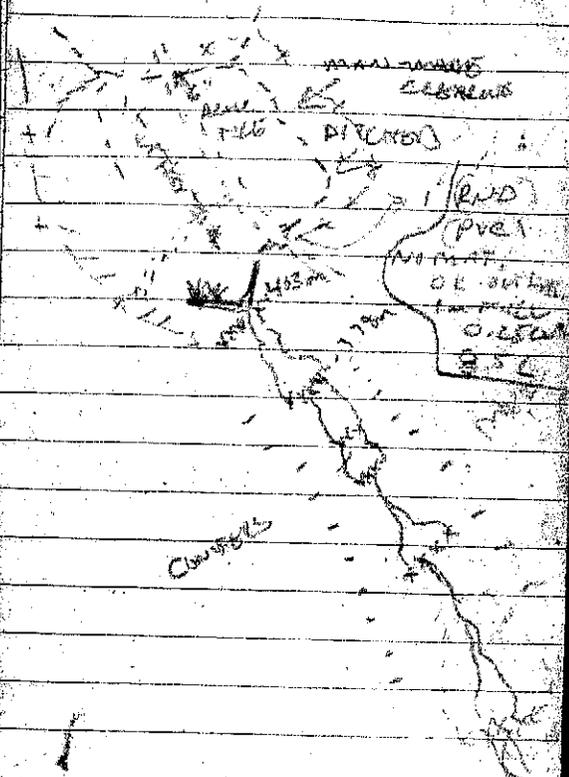
RM 3.26

SE 1/4 S23 T32N R4E

X- 157 3326

Y- 1065507

1-7-03



30m ww 1.4m

- 6" O.D. P

- SLOW-MOVING - POOLING

- MUD-BOTTOMED

- WATER PASTURE

- BRUSH

50m ww 1m

- SLOW-MOVING

- POOLING MUCKY-BOTTOM

85m ww 0.8



- 5% GRAVEL

- POOL/RIDGE

- SOME P-GRAVEL

157m ww 0.9m

- 4%

@ PRIVATE ROAD

AND TWIN SPT'S

168m UPST. END OF

PIPS

203m ww 0.8

5%

224m ww 0.9

- @ REMAINS OF

LOG STRUCTURE BRIDGES

274m @ 18m BUR  
DAM DEWATERED  
POND

295m WW 10m  
HARD MUD OAD

DEWATERED POND

- W.P. - STRONGS - CAN GRASS  
RUSH

OLD BRIDGE LITTLE

324m @ 12m BUR DAM

335m WW 9m POOL

351m WW 5m

- @ 12m LOW BUR DAM

372m WW 8m

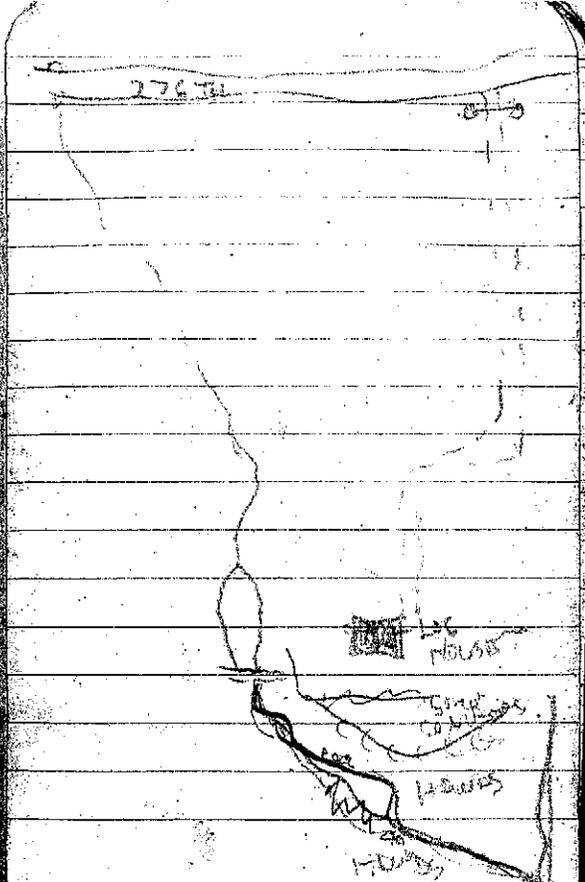
- @ 10m BUR DAM

388m WW 9m

@ 15m BUR DAM

404m WW 6m

- @ 12m BERMINGHAM BUR  
DAM



0.0 BUTTE

FLOW: 0.25  
ACCESS: POOLED -  
SLOW-MOVING

WT - 38

RWT - 39.5

13.4m ww 1.1m

- MOSTLY RIFFLED

4m<sup>2</sup> sp.

o P-GRANUL TO 1" GRAVEL

- HEAVY GLUSH

60m ww 1.1m

- POOLFRONT

60m

- BANKS INCISED 1.5'
- 2m<sup>2</sup>

97m WW 0.9m

- SLOW-MOVING POOL
- (SEEP @ 90m)
- @ BEGIN. OF SUB  
WALL OF OLD  
STUMP.

105m END OF  
SUB SURFACE

- SPONS MARGINAL FOR  
ADULT BASKETS

113m GOBS UNDER  
OLD BEAST H STUMP  
(NOT SUBSURT)

118m WW 1m

196m WW 2.5m  
- POOL

- ALMOST LOOKS LIKE  
AN OLD EXCAVATED AREA
- MUD BOT.

244 RIFF - BASE OF POOL OUTLET

252  
310m WW 2.1m  
MAN-MADE POOL

356m WW 1.2m

356m, on UPONE 340  
of NEW ANCHOR POND  
@ WWT

396m (a) FENCE  
LINE TO DALE'S FARM

WWT 2.2m

MUD-BOTTOMED

SPREAD-OUT SAND  
MOUND

