

SITE INFORMATION

Site Identifier :	PI2RB5	Landowner Type :	Private
Site Name :		Landowner Name :	
WRIA :	05.0080F	Address :	
Region :	NS	Address2 :	
Trib to :	05.0080	City :	
River Mile :	2.70	State :	
River System :	Pilchuck Cr	Zipcode :	
Legal Description :	NW1/4S5T32NR5E	Phone :	
County :	Snohomish	Coordinates	
Habitat Type :	lower valley wall tributary	East:	1,586,394.00 North: 1,083,224.00

Directions :

From the I-5 and Hwy 534 intersection (Conway/Lake McMurray exit), turn right towards Lake McMurray and head 5 miles to a T-intersection and Hwy 9. Turn right (south) on Highway 9, and go approximately 2.7 miles to a gated access road on the right which is at an old dairy farm now owned by Snohomish County. Go down the road and over trib 05.0080 to an old railroad grade. Turn right (north) and go approximately 30 meters to a culvert and the site.

Area Overview :

This year round trib has some enhancement work done on the downstream 312 meters, and there is a large beaver pond complex at the head end that it originates from. It gets good adult and juvenile coho use.

Field Survey Information

Date : 2/27/01 Observer : Olis Survey Type : initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermittent Year-round

Estimated Flows (cfs): Lower end: 0.5
Upper end: None

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

Receiving Water Temperature (C): 2.2

Other Observations:

Site Area Measurements: Indirect Direct Combination

Widths: Channel: 2m Ponds: 25m Wetlands:
Depths: Channel: 20cm Ponds: 2m Wetlands:
Total length (includes ponds and wetlands): 1939m

Total existing habitat area (est. m2): 10421

Spawning area:	Mainstem: 70	Tribs:	Total:
Impounded area:	Mainstem: 7730	Tribs:	Total:
Other rearing area:	Mainstem: 2621	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Unaccessible habitat: Mainstem: Tribs: Total:

Spawning habitat conditions: None Poor Fair Good Exellent

Describe spawning habitat: The initial 312 meters of the site has been enhanced with some spawning gravel additions. The gravel size ranges from 1" to 3"; there are tree plantings along the banks to provide cover; and there are pinned logs along the banks that provide some cover for predator avoidance. Upstream from 312 meters, the spawning gravel size ranges from 2" to 4" and there is good brushy cover as well as good amounts of woody debris present in places.

Rearing habitat conditions: None Poor Fair Good Exellent

Describe pond and other rearing habitat: The initial 312 meters of the site has been enhanced with tree plantings and pinned logs along the banks, log controls, and gravel additions. From 328 meters to 734 meters the creek is in a forested draw and is at 6% grade with a mostly gravel/cobble substrate and good brushy cover. From 734 meters to 981 meters, the stream continues in the forested draw and is at 5.5% grade with a bedrock substrate creating a long riffled glide. From 981 meters to 1099 meters, the stream gradient is at 3% with a mostly gravel substrate. There is a right bank trib at 1099 meters that has a 8 meter falls at 122 meters, and it has some spawning habitat that has been used by coho in the past. From 1099 meters to the end of the survey at 1939 meters, there are a series of beaver dams with ponds and braided channels that create some excellent rearing habitat for coho juveniles.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: There is no threat of flooding from the mainstem as the mainstem is a mostly groundwater fed system that is 2 meters wide.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: There is a large pool present at the entry area and a baffled culvert immediately downstream of the confluence.

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

Describe: This site gets good adult spawner use as well as juvenile rearing use.

Other species acces and use: Chum Pink Sockeye Chinook Trout

Describe: Trout can access and utilize this site also.

ENHANCEMENT OPPORTUNITIES: None

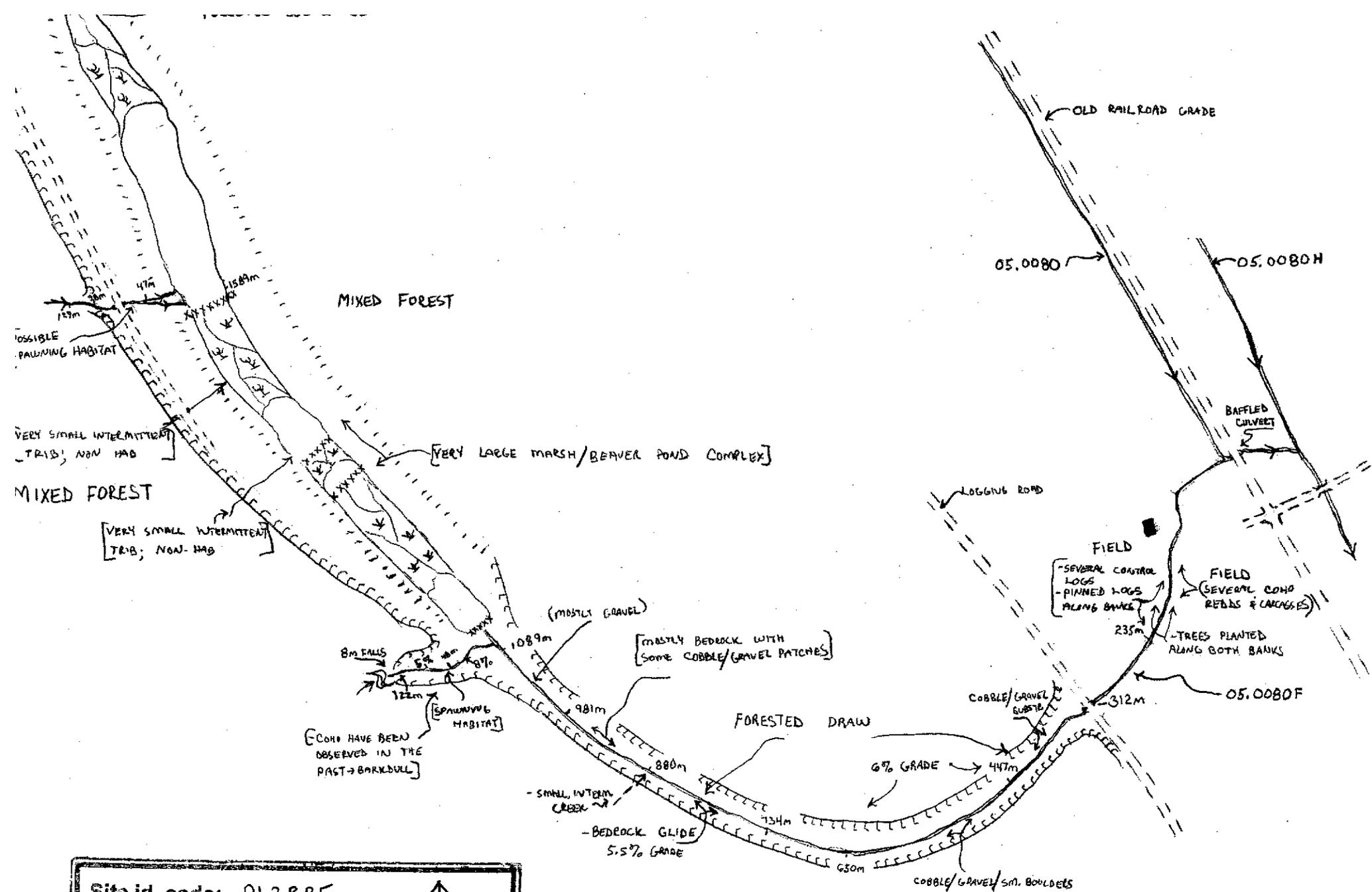
Project type:

Equipment access:

ADDITIONAL COMMENTS: The amount of rearing habitat available will fluctuate and depend on the amount of rain:all as well as beaver activity for that year.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping



Site id. code: P12RB5
 Site name:
 Scale: 1"=140M
 Observer(s): OHS
 Legal location: NW 1/4 S5 T32N R5E

P12RB5

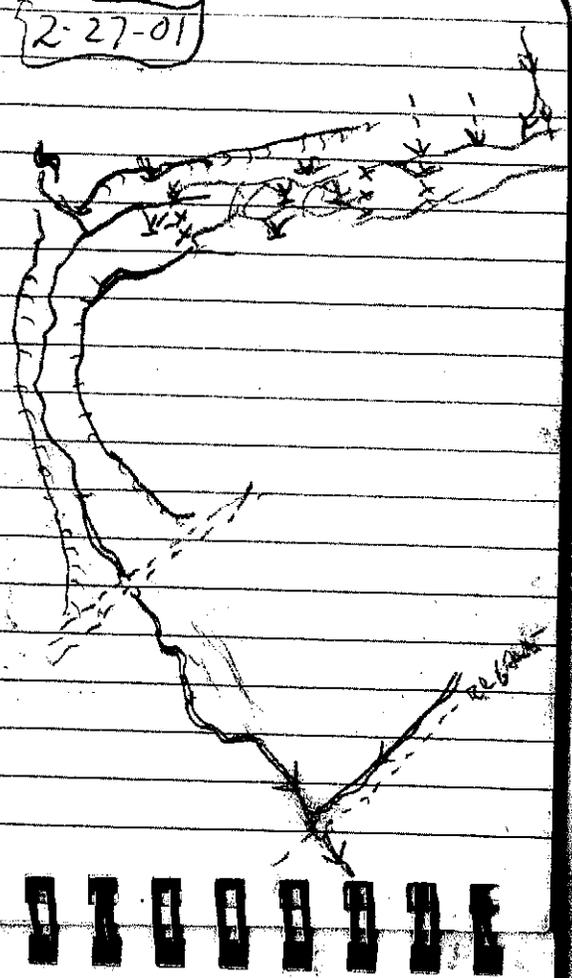
RM 2.7

NW 1/4 S5 T32N R5E

X- 1586394

Y- 1083224

2-27-01



0.0 Entry

WT - 38"

RWT - 36"

FLOW 0.5 CFS

ACCESS - GOOD

WICK POOL

9m WW 1.7m

- 80MB RIP RAP PLACED IN CHANNEL

- @ control LOG w/
0.2m BENT

38m WW 1.8

- Two RIBBONS

w 3m²

- @ control LOG

45m w/w 2m

- @ control log

75m w/w 2.5m

- @ log control

- several pinus logs

in channel

- 4m²

162m w/w 1.7m

- @ control log

- 10 more pinus logs

6m²

- some cork calcasies

187m w/w 1.7m

- another control log

- 3m²



235m w/w 1.7

- plant wgs about

both banks to this

point (as well as pinus logs

- some subst,

- 8m²

- several rocks

- 40% grass

288m w/w 1.8m

- 50% grass

- @ log control

- mostly riff

- 3m² (beginning of bank incision)

312m w/w 1.7m

- @ culvert and road

- 4m²

378m WIDE END OF
S. CURVE (OST.)

447m - WW 2m

- 6th GRADE

- COBBLE / GR. SUBSTR.

- IN FORESTED DRAW

- 12m²

- SEVERAL COMB REEDS

650m WW 2.3m

- SOME SAND / COBBLE / GRAVEL

- 12m² 2-3 REEDS

- 6th

- @ BEGINNING of HARD PINE

GLIDE.



676m WW 2m

- SOME COBBLE

- HEAVY CLAY

686 WW 1m

- HEAVY CLAY

- RIPPLED

784m WW 2.3m

- 3m²

- GOOD WOOD

- @ BEGINNING OF BEDROCK

GLIDE.

880m WW 3.5m

END
OF BEDROCK GLIDE

- SMALL - W/ TRIS ON RB

NO FISH ACROSS HILLCREST

> 2.5%

90m WW 2.5m
- MOSTLY BEDROCK
w/ some COBBLES/GR
PATCHES,

1089 WW 1.7m
- COBOL/GR SUBSTR.
- 3% GRADE
- 10m²
- @ ENTRY TO
SWAMP OPENING.

1099m WW 1.5m
- TRUB ON RB
- GONZ OF TRUB
- REZERO ←



21m WW 0.6m
- mostly RIFE
- FLOES WERE MATTED
CANNY GRASS

68m WW 1.2m
- 8%
- BEDROCK OF DEBRIS
- COBBLES/GR.

122m WW 1.2m
- 5%
- TRUB SP. HAB.
- @ 8m FALLS,

12...

- RESET BACK @
MANSTON

18m W x 3m

- CANAL GRASS
CROPPED CHANNEL

- @ BUR DAM
20m L x 1.5m HIGH

42m W x 24m

- BUR POND

230m W x 1.5m H

-> CANAL GRASS -
CATTAILS, BRUSH, SWEETS
SOME BUR ACTIVITY,
@ 25m BUR DAM



27m W x 24m BLENDED

SWAMP -

- @ 50m BUR DAM

- USE SMALL FLAG ON
RB - NON-HIGH

TO 2108P

400m @ BUR DAM

SMALL FLAG ON

RB

- DIRECTION

500m W x 20m

- BUR DAM

- SWAMP

- TRIP ON RB

- POND ABOVE IS 200m W x 10m

AND 50m W x 10m BUR DAM

- REZEED FILL

LB STOPS

- 47m - WW Lm

- BRAUNSON

- MUSC BOTTOM

- GOOD BRANES IN
ONE CHANNEL.

- 62m WW Lm

- SOME GRAVEL

- @ 0.5 CAL

- NO MIST - 7m WW

- 1/2 FILL N/B BOTTOM

ON DOWN STREAM

END - WITH DEPTH 1m

- FILL 0.3m

- 0.0 outfall 9L 0.5%



129
65

98m - WW Lm

- COARSE / LR

- BRANES CAUSE

- 8%

129m WW Lm

- SOME GRAVEL
PATCHES,

- 12-16%

- GRAVEL NEARBY
END OF SURVEY.

COMMENTS

- 70m² SPANNING THIS

- GOOD EVIDENCE

- SOME BRANES MORE
WORK -

- EXCELLENT BVE POINT ABOVE.