

SITE INFORMATION

Site Identifier : EN2LB10 **Landowner Type :** Private
Site Name : **Landowner Name :** Pilchuck Tree Farm
WRIA : 03.0243X **Address :**
Region : NS **Address2 :**
Trib to : 03.0243 **City :**
River Mile : 0.30 **State :**
River System : E F Nookachamps **Zipcode :**
Legal Description : SW1/4S4T33N5E **Phone :**
County : Skagit
Habitat Type : lower valley wall tributary

Directions :

From the Hwy 9 and Walker Valley Rd intersection, turn right and go 2.1 miles to the Peter Burns road. Turn right and go approximately 1 mile to a gated logging road on the right. Walk down this road approximately 0.4 miles (just past the second spur road on the left) to the site.

Area Overview :

This site appears to be intermittent, groundwater as well as surface fed, and offers approximately 1200 square meters of good over-winter rearing.

Field Survey Information

Date : 11/16/1999 **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: 0.1

Water Temperature(C): Lower end: 9.4
Upper end: 8.3

Receiving Water Temperature (C): 10

Other Observations:

Site Area Measurements: Indirect Direct Combination

Widths: Channel: 1m **Ponds:** **Wetlands:**
Depths: Channel: 15cm **Ponds:** **Wetlands:**
Total length (includes ponds and wetlands): 860m

Total existing habitat area (est. m2): 1200

Spawning area:	Mainstem: 6	Tribs:	Total:
Impounded area:	Mainstem: 1194	Tribs:	Total:
Other rearing area:	Mainstem:	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: Consists of 1" to 2" gravel, good brushy cover and occasional woody debris for predator avoidance.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: This stream averages 1 meter in width and is approximately 50 % pooled with a mostly muddy substrate. It has good brushy cover throughout and a fair amount of woody debris. The upper half of the creek is in a clear cut where there is a small swampy area with some cattails, rush and canary grass.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: There was little indication that this site is affected much from flooding.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: There is a pool present at the entry area.

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

Describe: Site is accessible to both juveniles and adults. There were a pair of adults spawning just below the entry area in the mainstem, but none were observed in the site.

Other species acces and use: Chum Pink Sockeye Chinook Trout

Describe: This site is accessible to trout also. There was an 8" trout as well as a juvenile observed in the site.

ENHANCEMENT OPPORTUNITIES: Although an 8 inch trout was observed above both culverts, replacing the culverts would facilitate juvenile passage to the approximate 600 meters of habitat above.

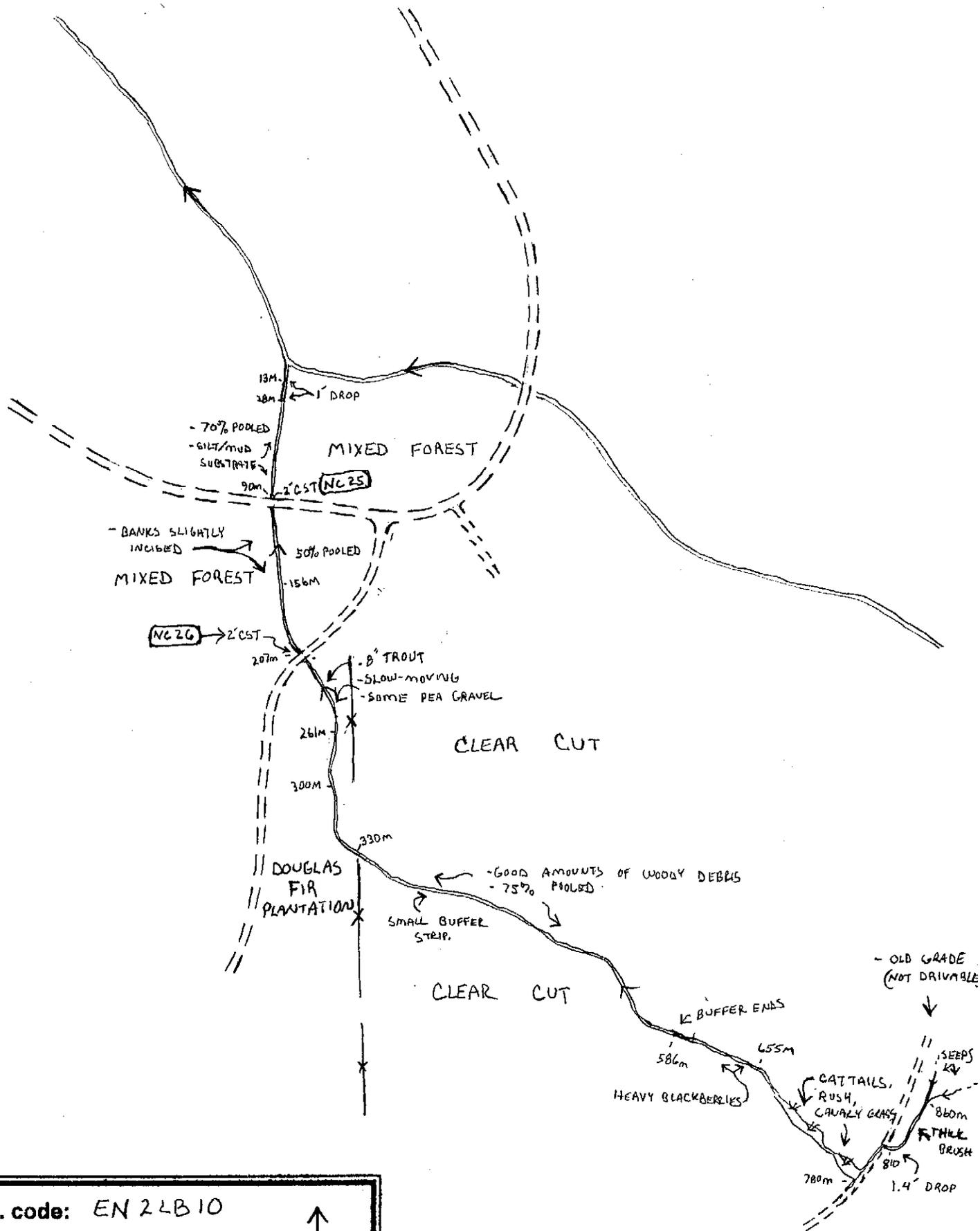
Project type: Culvert replacement.

Equipment access: Road access.

ADDITIONAL COMMENTS: There are two culverts in this site which are NC 25 and NC 26 in the culvert inventory. The survey ended where the creek forked into two shallow seeps. No GPS positions were recieved at this site.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References



Site id. code: EN 22LB10
Site name:
Scale: 1" = 90M
Observer(s): OLIS
Legal location: SW 1/4 S4 T33N R5E



12' 30"

559

560

561

10'

562

1680000 | FEE

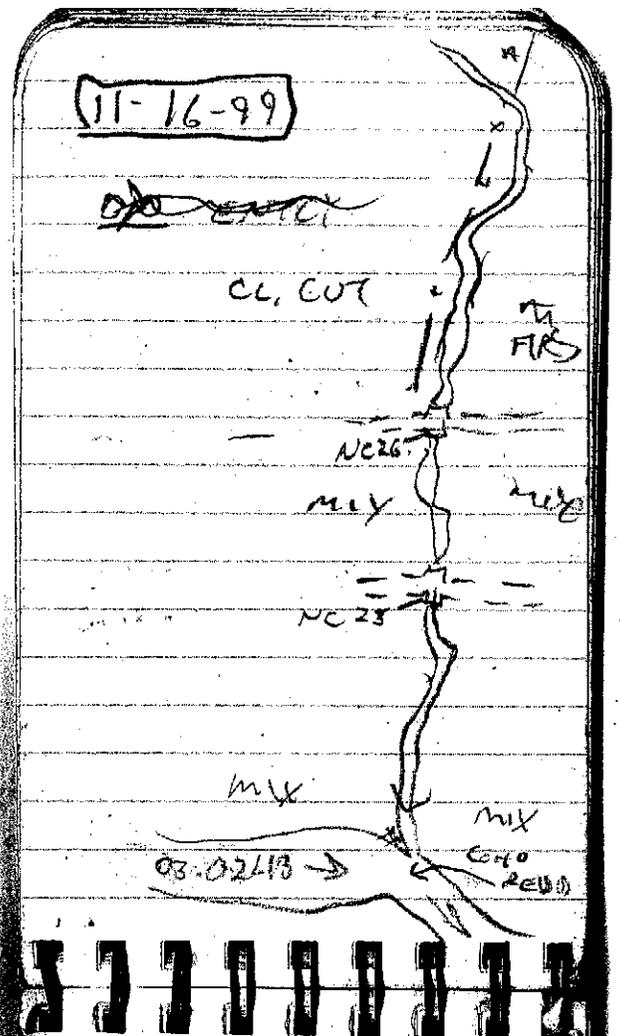


EN 2 LB 10

RM 0.3

SW 1/4 S4 T33N R5E

TRIB TO 03.0243



O.O. COUNTRY

FLOW - 0.25 CFS

WT - 49°

RWT - 50

ACCESS GOOD - POOL

13m WW 1m - RIFF

- GRAVEL / CORAL SUBST.

- GOOD COVER

FEENS - SALMON BERRY

- @ 1' DROP

28m 1' DROP - 50/50
P/R

90m WW 1.5m

- 75% PBL
- SILT/MUD SUBSTR.
- @ 25' CST AND
PILLOCK TEST FROM 25'

98m ~~(100)~~

UPSTREAM END OF
CULVERT. (NC 25)

156m WW 1m

- 50% PBL
- BANKS W/ GRASS
- @ 1' DROP
- STILL MIXED F

237m WW 1m

- @ CST



261m WW 1.5m

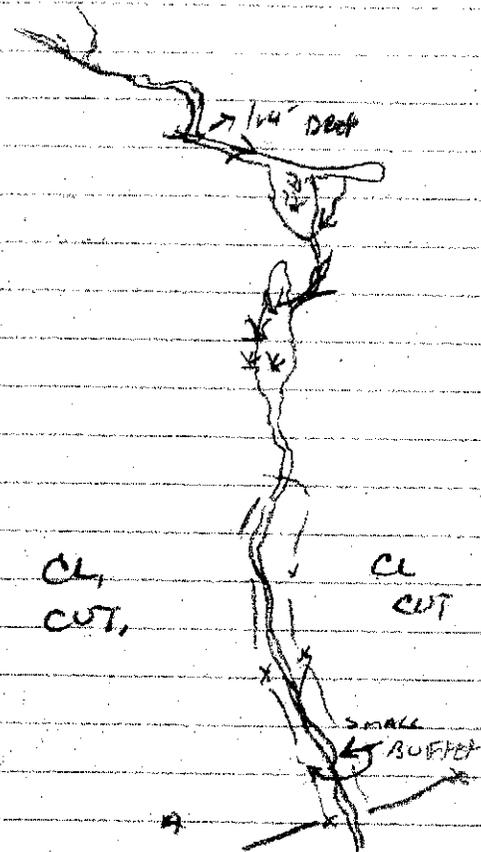
- MOSTLY SLOW-GROWING
BRUSHY
- Firm MUD SUBSTR.
- GOOD BRUSHY COVER
- 8" TRAIL OBSERVED
- SOME P. GRASS
SHOWING UP

300m WW 1m 70% PBL

- P. GL. SUB/MUD
- SOME WOOD SHOWING
UP

330m WW 1m

ENTERING W/2 CL. CUT



586m WW 1m - 75% pool

- ~~SEE~~ FAILED ATTEMPT

@ 1m BEAVER DAM ATTEMPT, 1' DROP

- GOOD WOODY DEBRIS

602m WW 1.5 m

- MOSTLY POOL

@ 1' DROP

655m WW 1m

- HEAVY BLACKBERRIES

- CH STARTING TO

SPREAD OUT ABOVE

688m w/w 2m
- HIGHLY GRAVE SOILS
- SOME CATTAILS

737m w/w 4m
- BRAIDED CH.
- SWAMPY - CATTAILS
RUSH, CANNON GRASS

745m w/w 0.5
- ~~SMALL~~ NARROW
RIFLE CONNECTING
MORE CATTAIL SWAMP
ABOVE.

780m w/w 1m



780m
- GEDES WATER
- FLOODED THEN

810m w/w 1m
- SLOW-MOVING
- FLOODS ALONG
ERODED GRADE THROUGH
CUTS INTO CLEARCUT
@ THIS POINT.
@ 1.4 FOOT
DROP. PROB SUB
BASE.

860m w/w 1m
- NO DEFINED CHANNEL
IN PLACES

850m W.W. (m)

- 5 SEP 02 18
SEEPS PRESENT

CL. WTL. MARK

47° -

END OF HAB.

COMMENTS

- WORK IN IT 1440

- 6m² of FAR SP.
HAB

- GOOD REPAIRS

- LOW FLOOD

- 2 CULVERTS

- SURFACE & GRND

