

SITE INFORMATION

Site Identifier : CA3RB1 **Landowner Type :** Federal
Site Name : **Landowner Name :** USFS
WRIA : 03.1411X **Address :**
Region : NS **Address2 :**
Trib to : Cascade R **City :**
River Mile : 8.45 **State :**
River System : Cascade R **Zipcode :**
Legal Description : SW1/4S8T35NR12E **Phone :**
County : Skagit
Habitat Type : terrace tributary

Directions :

From the Marblemount bridge, head up the Cascade River Road for approximately 8.4 miles to the Marble Creek Campground Road on the right. Follow this road through the campground and to the mouth of Marble Creek. Then hike downriver for approximately 0.25 miles to the site.

Area Overview :

This is a small terrace tributary that appears to seep out from the ground and it offers a small amount of rearing and spawning habitat.

Field Survey Information

Date : 10/23/1997 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: (X) Spring () Groundwater () Surface runoff

Flow: (X) Intermittent () Year-round

Estimated Flows (cfs): Lower end: 0.2
Upper end: 0

Water Temperature(C): Lower end: 8.6
Upper end: 9.1

Receiving Water Temperature (C): 7.2

Other Observations:

Site Area Measurements: () Indirect (X) Direct () Combination

Widths: Channel: 1m **Ponds:** **Wetlands:**
Depths: Channel: 12cm **Ponds:** **Wetlands:**
Total length (includes ponds and wetlands): 159m

Total existing habitat area (est. m2): 195

Spawning area:	Mainstem: 3	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 192	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: There are a couple of gravel pockets in small pools with enough room for a pair of coho to spawn. The gravel size is 1" to pea gravel and there is a fair amount of cover present to hide from predators.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: Most of this habitat is slow-moving or pools with a silty substrate. There is good cover from vine maple and devils club. There is a 8m by 4m pool at the head end of this site which has some woody debris and watercress in it.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: As evidenced by the silty substrate, this site will get flooded from time to time, but it doesn't appear to be violent flooding.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: There is a small pool present at the entry which provides somewhat of a holding area for salmonids.

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

Describe: No fish were observed but site is accessible to juveniles and it appears to shallow for adults to enter. However, adults would be able to enter during periods of higher flows or freshets.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Site is accessible to trout, but none were observed on the day of survey.

ENHANCEMENT OPPORTUNITIES: None

Project type:

Equipment access:

ADDITIONAL COMMENTS: This site is located just downriver from Marble Creek. It is possible that Marble Creek may someday flow into this site.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

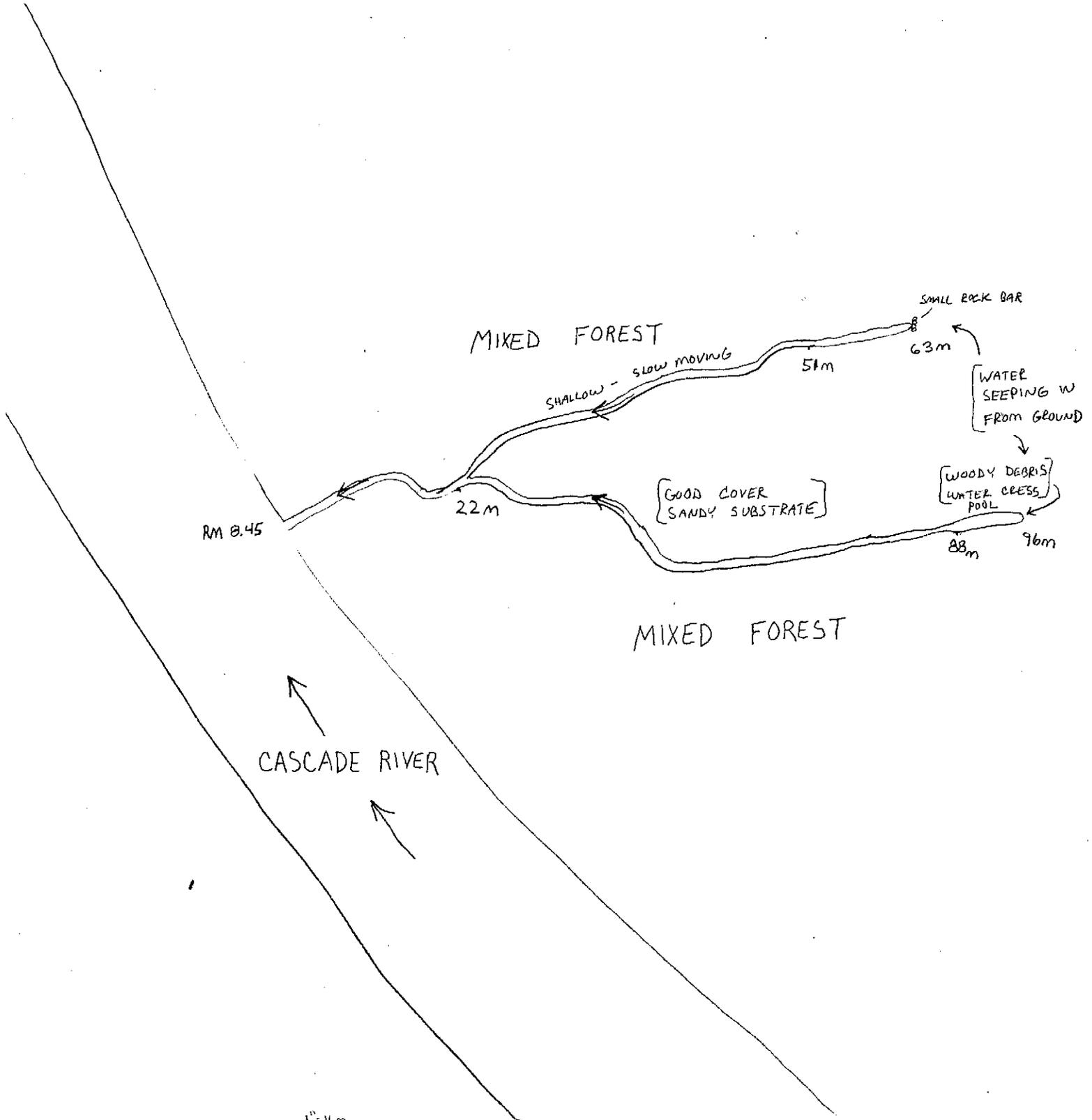
Site id. code: CA3RBI

Site name:

Scale: 1" = 16m

Observer(s): MICHAEL OLIS

Legal location: NW 1/4 SW 1/4 S8 T35N R12E

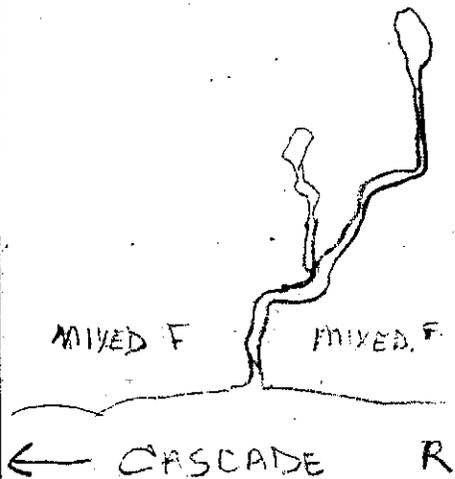


CA3RBI

RM 8.45

~~SW 1/4~~ SW 1/4 SB T35N R12E

10/23/97



O.O. ENTRY.

- REC. WTR TEMP. - 45
- STRM TEMP. - 47.5
- FLOW - 0.15 CFS
- ENTRY - DIFF. FOR ^{WATER} FLOW 5
GOOD SUB. ¹ (HIGHER FLOW)

22m - WW1

- 3m SP HAB
- 1' → P GRAVEL
- SANDY SUBSTR.
- @ FOLK

→ LFORK
HAS 2/3 OF FLOW

88m WW 1m

- SLOW MOVING, 3"-4" DEEP

- SILTY SUBSTRATE

- GOOD COVER. VINE
MAPLE DEVILS CLUB

96m WW 4m

- POOL @ HEAD END
OF THIS FORK

- HAS SMALL WOODY
DEBRIS AND WATER
CRECS.

- WATER SEEPS IN
SPRING?

- TEMP. 48.5



FORK - REZERO

51m WW 1m

SHALLOW POOLS →

SLOW MOVING

P-GRAVEL → 4" GR

SUBSTR. - 2m² SAND

63m 2m WW

- WTR SEEPS OUT FROM
SMALL ROCK BAR @
HEAD OF STEM.

TEMP. 46°

COMMENTS

- NO FISH SEEN

- MOD. FLOOD POT.

- SMALL AM. REAR.

- MAY DRY UP.