

SITE INFORMATION

Site Identifier : WC4LB1 **Landowner Type :** Federal
Site Name : **Landowner Name :** USFS
WRIA : 03.1116X **Address :**
Region : NS **Address2 :**
Trib to : White Chuck R **City :**
River Mile : 11.45 **State :**
River System : White Chuck R **Zipcode :**
Legal Description : NW1/4S28T31NR12E **Phone :**
County : Snohomish
Habitat Type : terrace tributary

Coordinates

East: 1,812,239.00 **North:** 1,029,637.00

Directions :

From Darrington, head south on the Mountain Loop highway for approximately 8 miles to the FS 23 road. Turn left and go approximately 9.5 miles. Hike down to the river and the site.

Area Overview :

A 260m long trib that has some groundwater influence, has mostly slow-moving and pooled habitat but there were no fish observed.

Field Survey Information

Date : 10/27/98 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

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

Flow: () Intermittent() Year-round

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

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

Receiving Water Temperature (C): 6.4

Other Observations:

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

Widths: Channel: 1 Ponds: Wetlands:

Depths: Channel: 0.14 Ponds: Wetlands:

Total length (includes ponds and wetlands): 260

Total existing habitat area (est. m2): 278

Spawning area: Mainstem: 2 Tribs: Total:

Impounded area: Mainstem: Tribs: Total:

Other rearing area: Mainstem: 278 Tribs: Total:

Unaccessible habitat: Mainstem: Tribs: Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: The gravel size ranges from pea gravel to 4", and there is good brushy cover as well as good cover within the channel to avoid predators.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: This is a mostly slow-moving and pooled stream. It has a silty substrate with occasional pea gravel, good brushy cover and a good amount of wood at the upper end of the site. At 154m, there is a pool that is 16m long by 5m wide and is approximately 10" deep.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: The lower 154m has high flood potential as is evidenced by the small alders present on the right bank. The upper end is more protected as it sits higher on the back of the bench.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: The site enters into a side channel.

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

Describe: No fish were observed during the survey, however it appears that adults and juveniles can access the site even during this low flow period.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Site is accessible to trout and a redd was observed at the mouth that appeared to be a dolly varden redd.

ENHANCEMENT OPPORTUNITIES: None

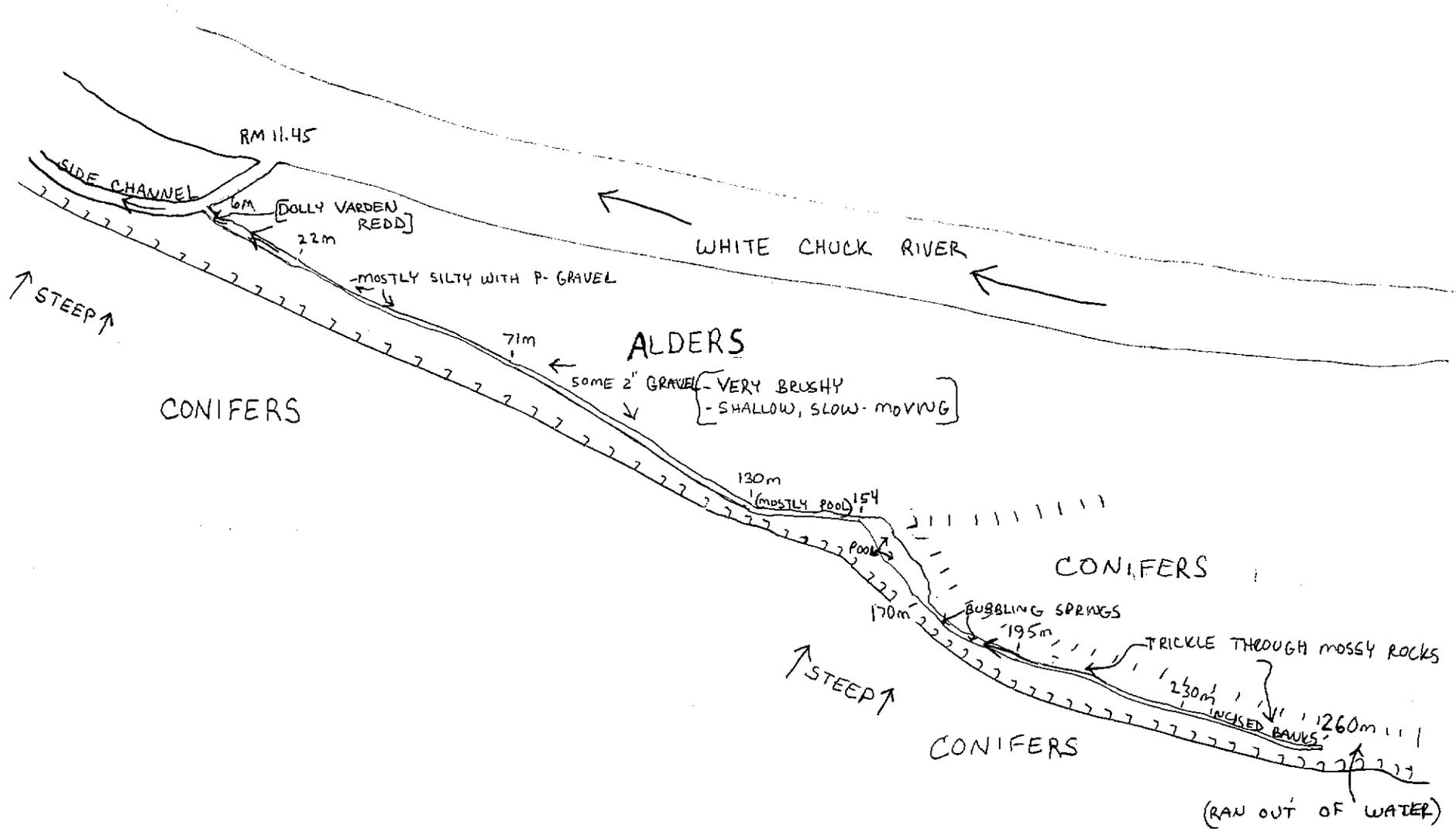
Project type:

Equipment access:

ADDITIONAL COMMENTS: The survey ended because of lack of water but the swale continued on, indicating the possibility of a larger site during higher winter flows.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References



Site id. code: WC4LBI

Site name:

Scale: 1" = 30m

Observer(s): OLIS

Legal location: NW 1/4 S28T31N R12E

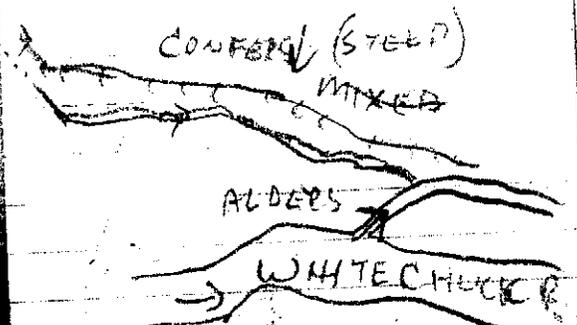


10-27-98

WC4 LBI

RM 11.45

NW 1/4 S28 T31N R12E



O.O ENTRY

FLOW - 0.2 CFS
 TEMP -
 R TEMP - 43.5
 ACCESS - INTO SIDE
 CH. GOOD.

6m way 1m
 - RIFF
 - PEAB DOLLY BEDS
 @ MOUTH
 - P-GR - 1m²
 - 4' GR.

22m way 2m
 - SHALLOW - SLOW MOVING
 - SILTY SUB, BRUSHY

71m ww 1m

- 56% POOLED
- SILT - P.GR. SUB.
- SOME MOSS COV. COBB.

130m ww 0.5m

- 25% POOLED
- SMALL AM. OF GR. SHOWING UP.

154 ww 1m

- MOSTLY POOL
- SMALL ALDERS ON RB

170m ww 5m

- POOL (10" DEEP)

... VERY RUCK SUBSTR

195m ww 1m

- SLOW MOVING 3" DEEP
- SILTY SANDS
- WENT BY SEVERAL SMALL BUBBLING SPRINGS

230m ww 0.5m

- TRICKLE THROUGH MOSS COVERED BRUSH & WOOD

260m ww 0.5m

- IN SLIGHTLY INC. SWALE
- RAN OUT OF WTR

COMMENTS

- NICE REARING
- HAB. (LOW FLOW)
- SPRING GROUND - SPR.
- WTR - TERRACE
- TRIP.
- MOD. FLOODING
- LITTLE SPAWN
- 2m² NEAR MOUTH
- NO FISH SEEN
- DEFINITE REOD
- @ MOUTH