

SITE INFORMATION

Site Identifier : CA3RB5 **Landowner Type :** Federal
Site Name : **Landowner Name :** USFS
WRIA : 03.1411X **Address :**
Region : NS **Address2 :**
Trib to : Cascade R **City :**
River Mile : 11.30 **State :**
River System : Cascade R **Zipcode :**
Legal Description : NW1/4S21T35NR12E **Phone :**
County : Skagit
Habitat Type : slough

Directions :

From the Marblemount bridge, head up the Cascade River Road for approximately 11 miles to the USFS 1550 Road on the right. Turn right and park just before you get to the river. Hike downriver for 0.1 miles to the site.

Area Overview :

This site is an oxbow pond with a large marsh associated with it. It gets good juvenile use and a good number of return spawners for the low amount of spawning habitat available. It provides a large amount of excellent over-winter rearing.

Field Survey Information

Date : 11/25/1997 **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: 0.1

Water Temperature(C): Lower end: 6.4
Upper end: 7.2

Receiving Water Temperature (C): 5.5

Other Observations:

Site Area Measurements: Indirect Direct Combination

Widths: Channel: 2m Ponds: 75m Wetlands:
 Depths: Channel: 25cm Ponds: 2m Wetlands:

Total length (includes ponds and wetlands): 1275m

Total existing habitat area (est. m2): 33560

Spawning area:	Mainstem: 100	Tribs:	Total:	
Impounded area:	Mainstem: 29990	Tribs:	Total:	Total
Other rearing area:	Mainstem: 3560	Tribs:	Total:	
Unaccessible habitat:	Mainstem:	Tribs:	Total:	

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: There was very little spawning habitat found and the fish seem to be spawning in a sandy, p-gravel substrate.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: The pond is approximately 30000 square meters, is loaded with wetland plants (cattails, sedges, rush and horse tail) and LWD is scattered throughout. In the wooded area above the pond, the channel is somewhat braided with good amounts of pools, heavily silted and has LWD scattered throughout.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: During major events the river can enter the site from the head end, sending water and debris into the pond area. Just below the pond is an area of sand and gravel deposition from when Sibley creek has blown out in the past. This has the potential to alter the outlet of the pond.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Big backwater pool at entry.

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

Describe: Juveniles where seen throughout the site including a school of about 100 under an oldgrowth log near the head end of the site. The remains of at least 20 adult cohos were scattered throughout the head end of the site as a bear worked its way through the area.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Trout were observed in the pond.

ENHANCEMENT OPPORTUNITIES: None

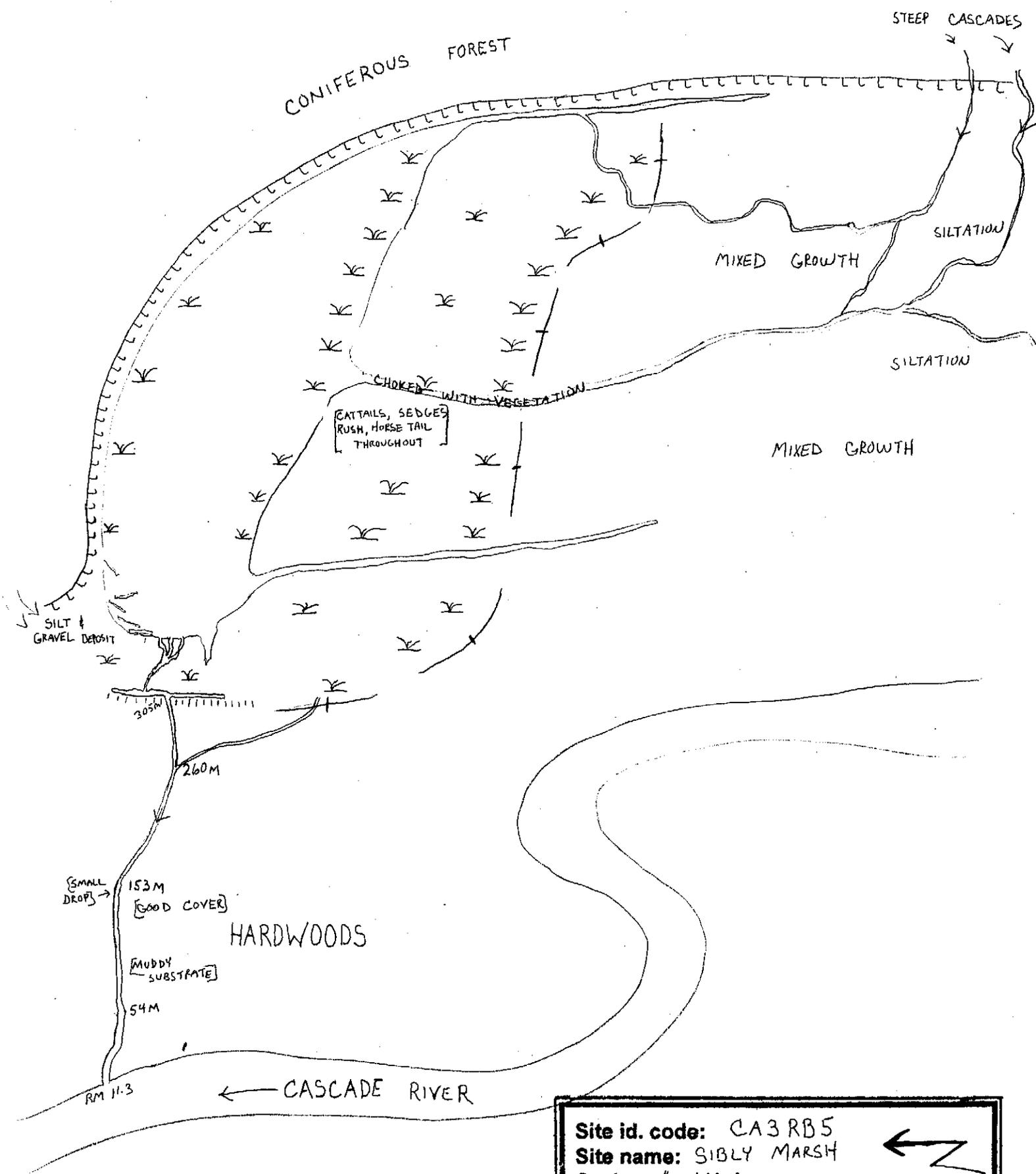
Project type:

Equipment access:

ADDITIONAL COMMENTS: This site has a large marsh area associated with it and available habitat will fluctuate as the water inudates the marsh during the wet season.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References



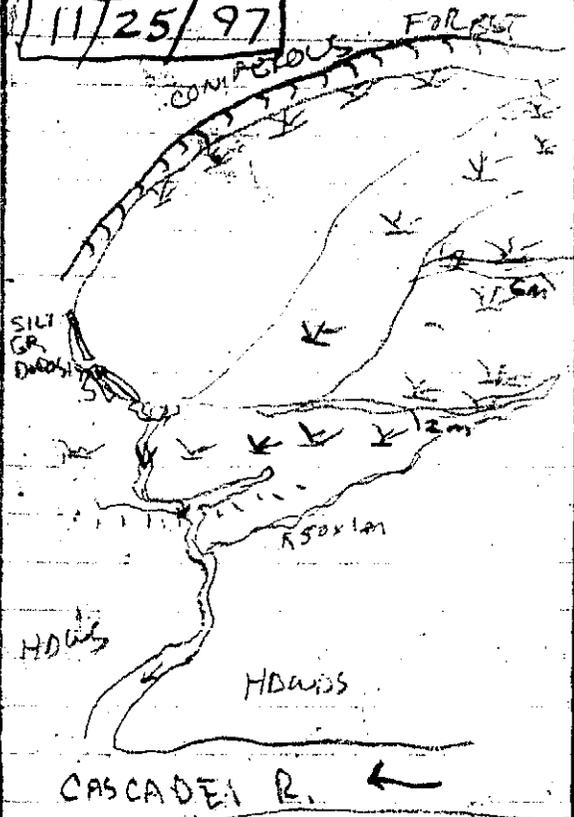
Site id. code: CA3RB5
 Site name: SIBLY MARSH
 Scale: 1" = 100M
 Observer(s): MICHAEL OLIS
 Legal location: NW 1/4 521 T35N R12E

CA 3 RB5

RM 11.3

NW 1/4 S21 T35N R12E

11/25/97



0.0 ENTRY

- R WTR TEMP - 42°
- STRM. TEMP - 43.5°
- FLOW .5 CFS
- ACCESS GOOD
- EDDY POOL @ ENTRY

- 54m - WW 6m
- POOL - INCISED BANKS
 - MUDDY SUBSTR.
 - SOME WOOD STRUCT.

- 153m - WW 3m
- 50/50 P/R
 - GOOD BUSHY COVER
 - @ SMALL DROP OVER LARG. LOG.

260m - WW 2m
- 5M TRICKLE ON
LB

305m WW 1m
- RIFF

- OUTLET CUTS
THROUGH SMALL BERM
W/ SWAMP ON
OTHER SIDE.

322m - WW 2m - RIFF
- SMALL SWALE
THAT OUTLET FLOWS
INTO,

335m - WW 1m RIFF
- CATTAILS WTR. PARS.

365m WW 6m
- BRAIDED CH. AS
SWAMP ~~ENTERS~~ OUT.

MIXED FOREST
BRAIDED CH.
247m
BEACH IS HEAVILY SILTED
- IDUBS -
COUNTED 20 PREDATED
COHO'S.
- SAW SCHOOL OF OVER 100
COHO SUV. UNDER OLD
GROWTH LOG

- VEGETATION PRESENT.
CATTAILS, RUSH, SEDGES,
WATER PARSLEY, SKUNK
CABBAGE, HORSE TAIL

- COULD NOT FIND
ANY SPAWNING GRAVEL
- EXCELLENT OVER-WATER
REARING.

- NO FLOODING, SITUATED
@ WOODED END OF
SITE. - SIBLEY CR CAN
ENTER @ BEGINNING OF
SWAMP IN HEAVY FLOODING

- 4/5⁰
HEAVY BEAR PREDATION ON
ADULTS.