

SITE INFORMATION

Site Identifier : SA10RB1	Landowner Type : Federal
Site Name :	Landowner Name : USFS
WRIA : 03.0673X	Address :
Region : NS	Address2 :
Trib to : Sauk R	City :
River Mile : 33.30	State :
River System : Sauk R	Zipcode :
Legal Description : NE1/4S24T31NR10E	Phone :
County : Snohomish	Coordinates East: 1,767,750.00 North: 1,032,779.00
Habitat Type : overflow channel	

Directions :

Take Mountain Loop highway out of Darrington for approximately 8 miles to the Beaver Lake trail parking area. Hike for approximately 1.25 miles upriver on the trail. Jump off the trail and head towards the river. Hike approximately 200m past the Beaver Lake outlet and to the site.

Area Overview :

This small channel may receive flow from the river during flood events but has a nice 80mx6m pool that offers some over-winter rearing. Chum were observed spawning during survey.

Field Survey Information

Date : 11/4/96 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermittent Year-round

Estimated Flows (cfs): Lower end: 0.8
Upper end:

Water Temperature(C): Lower end: 7.7
Upper end: 9.4

Receiving Water Temperature (C): 4.4

Other Observations:

Site Area Measurements: Indirect Direct Combination

Widths: Channel: 4 Ponds: Wetlands:

Depths: Channel: 0.3 Ponds: Wetlands:

Total length (includes ponds and wetlands): 296

Total existing habitat area (est. m2): 1463

Spawning area:	Mainstem: 10	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 1463	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: Substrate is mostly silt and cobble but there are several 4"-6" gravel pockets that probably are more suitable for chum rather than coho.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: There is a nice 80mx6m pool that has fair amount of cover and structure. The stream temperature was 4 C warmer than the river which would probably be attractive to juveniles. Also, chum carcasses would be available for a food source during early winter.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: The channel may receive flow from the river during flood events.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Small pool at entry making access easier for juveniles.

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

Describe: No coho were observed.

Other species access and use: Chum Pink Sockeye Res. Trout Anad trout

Describe: Chums were observed spawning in channel. No trout were observed but they do have access to the channel.

ENHANCEMENT OPPORTUNITIES

Project type:

Equipment access:

ADDITIONAL COMMENTS

ATTACHMENTS AVAILABLE

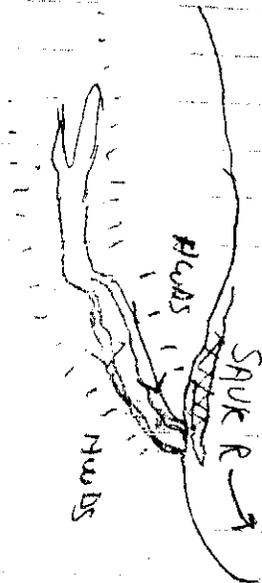
Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

4 NOV 96

SA 10RB 1

RM 33.3

NE 1/4 S24 T 31 R10E



ENTRY O.D

TWO STRM @ ENTRY
IN SAME SWALE
REC WTR TEMP - 40°

LF

FLOW - 0.6 CFS
STEM TEMP - 46°

RF

FLOW - 0.2 CFS
STEM TEMP -

BOTH STRMS HAVE
GOOD ACCESS...

CHUM SALMON ENTERING

LF

55m

LF

WW 1m

- SILTY SUBSTR.

- SEDGES AND GRASS

ALONG BANKS

- SLOW MOVING, 6" DEEP

137m WW 2m

- TWO FORKS MEET

THEY DRAIN LARGER

SWALE

- 2m² OF SP. HAB

- [RF 1m WW 130m LONG]

220m WW 6m POOL

142m

- HEAVIER BRUSH ALONG BANKS

- SUBSTR. BOULDERY,

SANDY MIX WITH

... OCCASION GRAVEL POCKETS. 4m² SP. H.

- STEM SEEDS TO FORK

- GOING UP LF,

GREEN ALGAE IN POCKETS

296m WW 4m POOL

- WTR ENDS BUT SWALE CONTINUES ON

- WTR TEMP. 14.9° GRNDW. PERC.

- SMALL AMOUNTS OF WTR PARSLEY PRESENT.

- HIGH FLOOD POT.

BE REZEROING

@ 4m OLD BVE DAM

216m WW 4m POOL

- SUBSTR. SILT & COBBLE

47m w/w 2m

WTR ENDS

COMMENTS

- SMALL AMOUNTS OF DEBRIS IN SWALE ABOVE END OF WTR, - HIGH FLOOD POT.

- 18 CHUM IN SYSTEM @ TIME OF SURVEY.

SOME NICE POOLED AREA FOR READING

OVER FLOW CH.

- GRND WTR SOURCE

- OCCASION 3 FOOT

CEDARS ON RB

Site id. code: SA10RB-1

Site name:

Scale: 1" = 45m

Observer(s): MICHAEL OLIS

Legal location: NE 1/4 S24 T31 N R10E

HARDWOODS

55m

137m

HARDWOODS

MIXED

FOREST

220m

47m

296m

3'-6" ALDERS

SAUK R

