

SITE INFORMATION

Site Identifier : SA11RB3 **Landowner Type :** Federal
Site Name : **Landowner Name :** USFS
WRIA : 03.0673X **Address :**
Region : NS **Address2 :**
Trib to : Sauk R **City :**
River Mile : 38.30 **State :**
River System : Sauk R **Zipcode :**
Legal Description : SW1/4S4T30NR11E **Phone :**
County : Snohomish
Habitat Type : terrace tributary

Directions :
 Take Mountain Loop highway out of Darrington for approximately 14 miles. Stream crosses through culverts and under the main road.

Area Overview :
 This terrace trib has a good amount of spawning habitat but little over-winter rearing habitat. Coho juveniles were observed but this stream has more riff than pooled area, making it less suitable for over-winter rearing.

Field Survey Information

Date : 10/21/1996 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff
Flow: Intermittent Year-round
Estimated Flows (cfs): Lower end: 0.75
 Upper end: 0.5
Water Temperature(C): Lower end: 7.5
 Upper end: 8

Receiving Water Temperature (C): 5.5

Other Observations:

Site Area Measurements: Indirect Direct Combination
 Widths: Channel: 1m Ponds: Wetlands:
 Depths: Channel: 12cm Ponds: Wetlands:
 Total length (includes ponds and wetlands): 1889m

Total existing habitat area (est. m2): 2018
 Spawning area: Mainstem: 40 Tribs: Total:
 Impounded area: Mainstem: Tribs: Total:
 Other rearing area: Mainstem: 1978 Tribs: Total:
 Unaccessible habitat: Mainstem: Tribs: Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: The substrate is silty with several gravel patches. Gravel size ranges from pea gravel to 4" gravel.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: Consists mainly of pooled areas between riffles. There is good cover throughout most of the stream but pools are lacking in structure and size.

Describe inaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: Most of the system is on a high bench and did not seem to be affected by last years heavy flooding.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: There is a pool where the stream enters the active channel but there also is a small cascade at the entry that has to be negotiated. Some beaver activity was observed about 100m below the entry.

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

Describe: Fair amounts of juveniles were observed but it was too early for adults yet. I would guess that a fair number of adults use this site for spawning.

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

Describe: No trout were observed but this site is accessible to them.

ENHANCEMENT OPPORTUNITIES

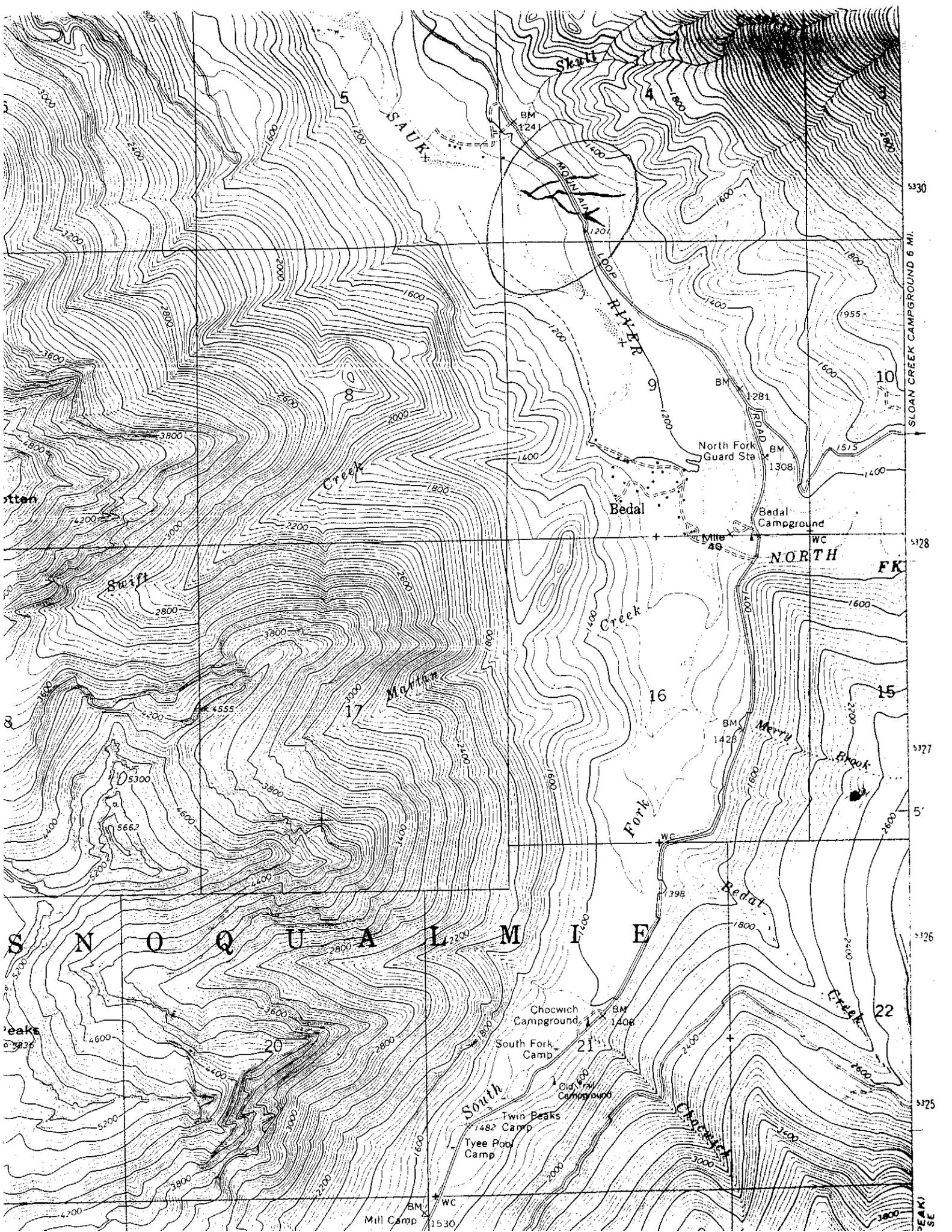
Project type:

Equipment access:

ADDITIONAL COMMENTS It would be interesting to do some spot surveys to determine the extent of adult coho use.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References



SLOAN CREEK CAMPGROUND 6 MI.

5330

5328

5327

5326

5325

PEAK SE

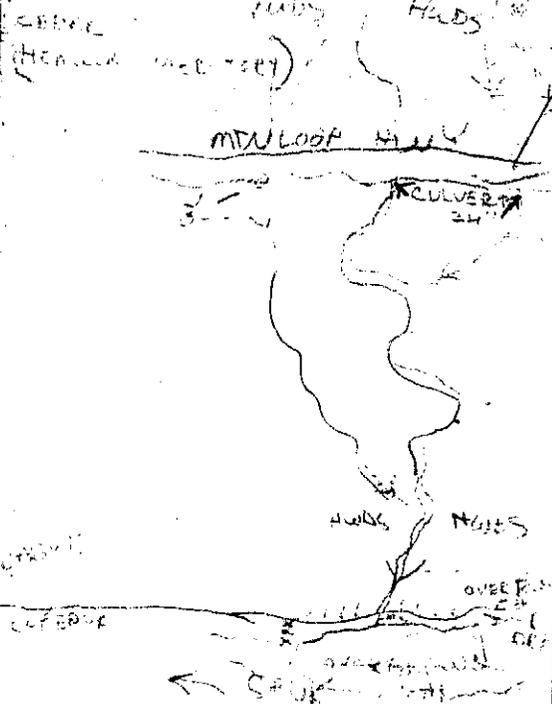
SAUK
MOUNTAIN
LOOSE RIVER
Creek
Swift
Merry Brook
NORTH FORK
Fork
Bedal
Chocwich Campground
South Fork Camp
Twin Peaks Camp
Tye Pool Camp
Mill Camp
WC
BM 1241
BM 1281
BM 1308
BM 1425
BM 1408
BM 1530
5330
5328
5327
5326
5325
PEAK SE

SAIL RB3

RM 38.3

SW 1/4 SEC 4 T. 30N R. 11E

12/OCT/96



0.0 ENTRY

EEC. WTR TEMP. 42°

WTR TEMP. 45.5°

FLOW 0.75 CFS

SMALL POOL @ ENTRY

SMALL BOULDERS @

- FROM S. CASCAD

A CASCADE

75M W/ 2M SOFT POOL

- STEEP SUBSTRATE W/ SOME

FRAGTS OF GRAVEL

- 5M² SPAWN. #

- GOOD COVER & LOGS

- SMALL TRIP ON RE

W/ 0.1 CFS OF FLOW

- AVG DEPTH 6"

- SALTIN BERRY, DEVILS CLUB
VINE MAPLE

180m WW 2m - 40/60 PR

- OCCASIONAL CUT BANK
SUGGESTING HIGH FLOOD

@ TIMES

- SP. H. 6m²

298m WW 2m 50/60 - R/K

- SP. H. 4m²

- ~~SP~~ SMALL TRIB ON LE
LESS THAN 100 YDS.

- 341m WW 1.5m

- 400m WW 1.5m

- OLD 1" CABLE MARKS

57m POSSIBLE OLD BRIDGE

- 720m WW 1m

- 74' CULVERT - M.L.H.

- JUV PRESENT TO
CULVERT

22 OCT 96

... CONTINUING STRM

@ UPSTREAM SIDE OF ABOVE
MENTIONED CULVERT.

- CREEK IS UP SOME FROM
YESTERDAY'S RAW.

457m WW 1m RIFF

- 3m² SP. HAB. - MORE
GRAVEL ON SUBSTRATE

480m WW 1.5m - MOSTLY RIFF

@ 3' FALLS - PROBABLE
END OF JUV. ACCESS.

- DID SEE JUV JUST BELOW

- 523m WW 1m

@ 4' FOOT FALLS

- 3m² SP. HAB.

579m WW 1.5 - 25/71

4m² SP. H.

- @ 1.5m FALLS

- POSSIBLE ADULT BARRIER
EXCEPT @ HIGH FLOWS

832m - WW 2m

- @ OLD RR GRADE &
LEAVE SITE - 1" CABLE
ACROSS STRM - PROM. SLOPE RB

734m 1.5m WW

- MORE CABLE PRESENT
- MORE SMALL FALLS (0.5m)
SERIES OF " " "

- 3m² SP.

815m WW 1.5m
PROM SLOPE ON LB

815m FEW BOULDERS IN PLACES

- 5m² SP.

- 885m WW 1.5

- GRADE INCREASING
- BOULDERY CASCADES
- PROBLEMS END OF ADULT
ACCESS

- WTR TEMP 46.5°

- FLOW 0.5 CFS

- CULVERT IS APPARENTLY
PASSABLE TO JUVS & ADULTS,
BUT IF THIS SECTION OF
ROAD IS GOING TO BE WORKED
ON CULVERT CAN BE IMPROVED

- STRM HAS MORE SPAWN
HMG. THAN OVER WATER
REARING.

TRIB ON RB @ 75m

28m WW 1m

- MOSTLY RIFF
- WASTE SILT W/P GRAVEL
- HEAVY COVER
- @ 75m FALLS, BARRIER FOR JUV., MARGINAL ADULTS.

62m WW 1m

- @ 2m OUTBANK OF RB.

- 3m² SP. H. (P. GRAVEL)

305m WW 1m

① CULVERT @ M.L.H.

- 3m² SP. H. - MOSTLY RIFF
- CULVERT SEEMS FINE

329m WW 1m

- 3m² SPAWN H.
- LARGER GRAVEL PRESENT IN PLACES

365m WW 5m

- MOSTLY RIFF - GRASS INCREASES - COBBLE PRESENT IN PLACES.

429m 0.5m

- @ FALLS - SUBSTRATE MORE SILTY W/P GRAVEL
- WTE TEMP - 47.5°
- FLOW - 0.2 CFS

SMALL TRIB ON LB

@ 298 m (Elev. 3100 ft)

0.3 m WW 1 m 25/75-P/R

- SUBSTR. SILT → S.M. GRAVEL

7 m² SP. H.

- COV. COVER

1.36 m WW 0.5 m

- MOSTLY RIFF

- SUBSTRATE HAS SOME

GRAVEL W/ PLACES

1 m² SP. H.

- END OF SECTION SIDE OF

CULVERT - CREEK FORKS

- LF

3.25 m WW 0.5 m

- SUBSTR. SILT

- SUBSTRATE SILT - SAND

- @ 2 FURLS & BARRIER

- WTR TEMP 47°

- FLOW - 0.1 CFS

- RF

1.60 m WW 0.3 m

2.00 m WW 0.25 m

- END OF WTR

- WTR TEMP 47°

- FLOW > 0.1 CFS

- WTR SEEMS TO SEEP

OUT OF SMALL GULLY