

SITE INFORMATION

Site Identifier : AN1RB1 **Landowner Type :** Private
Site Name : **Landowner Name :** Vandar Sar Dairy
WRIA : 03.0287X **Address :**
Region : NS **Address2 :**
Trib to : Anderson Cr **City :**
River Mile : 0.30 **State :**
River System : Anderson Cr **Zipcode :**
Legal Description : SE1/4S26T35NR5E **Phone :**
County : Skagit
Habitat Type : slough

Directions :

From the highway 9 intersect, follow the South Skagit highway approximately 5.7 miles to Anderson Creek. Hike downstream approximately 0.1 miles to the site. (Check with landowner)

Area Overview :

This slough has an intermittent connection but offers approximately 33,612 square meters of excellent over-winter rearing. However, this site is susceptible to heavy flooding during major events.

Field Survey Information

Date : 01/27/1998 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermittent Year-round

Estimated Flows (cfs): Lower end: None
Upper end: None

Water Temperature(C): Lower end: 7.2
Upper end: 10

Receiving Water Temperature (C): 6.6

Other Observations:

Site Area Measurements: Indirect Direct Combination

Widths: Channel: 25m Ponds: Wetlands:

Depths: Channel: 1.5m Ponds: Wetlands:

Total length (includes ponds and wetlands): 1204m

Total existing habitat area (est. m2): 33612

Spawning area: Mainstem: Tribs: Total:

Impounded area: Mainstem: Tribs: Total:

Other rearing area: Mainstem: 33612 Tribs: Total:

Unaccessible habitat: Mainstem: Tribs: Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: This site has all pooled and mud-bottomed habitat. It has canary grass along the edges throughout. The first 329 meters has canary grass and a fence line along the right bank, and a wooded terrace slope along the left bank. Beyond this point, both banks are wooded along with heavy brush. The first section is mostly void of wooded structure while the back section has more woody structure as well as water parsley, rush and skunk cabbage.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: During major flood events, the whole area is under water.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: At the entry area, water flows over a small roadway as it enters Anderson Creek. This is an intermittent connection depending on flows. Not much of a pool present.

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

Describe: Site is accessible to juveniles on an intermittent basis and is probably heavily used by them. There was no spawning habitat found.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: A juvenile trout was observed.

ENHANCEMENT OPPORTUNITIES: None

Project type:

Equipment access:

ADDITIONAL COMMENTS: It is possible that manure applications may have occurred in close proximity to the head end of the slough at times.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

Site id. code: AN1 RB1
Site name:
Scale: 1" = 100m
Observer(s): M. OLIS
Legal location: SEY4 S26 T35NR5E



FIELD WILL BE UNDER WATER
DURING MAJOR FLOOD EVENTS

SORENSEN CREE
MAY BE DIVERTED
THIS WAY
DURING
MAJOR FLOOD
EVENTS
←

FIELD

1204m

1010m

BRUSH
ALONG EDGE

800m

FIELD

FIELD

THIS CONNECTION
IS INTERMITTENT

ANDERSON
CREEK

VANDAR SAR DAIRY

CANARY GRASS
255m
329m
MIXED GROWTH

HARDWOODS

CULVERT MAY GET PLUGGED BY BEAVERS

350m
492m
JUVENILE SALMONID SEEN

670m

HARDWOODS

HARDWOODS

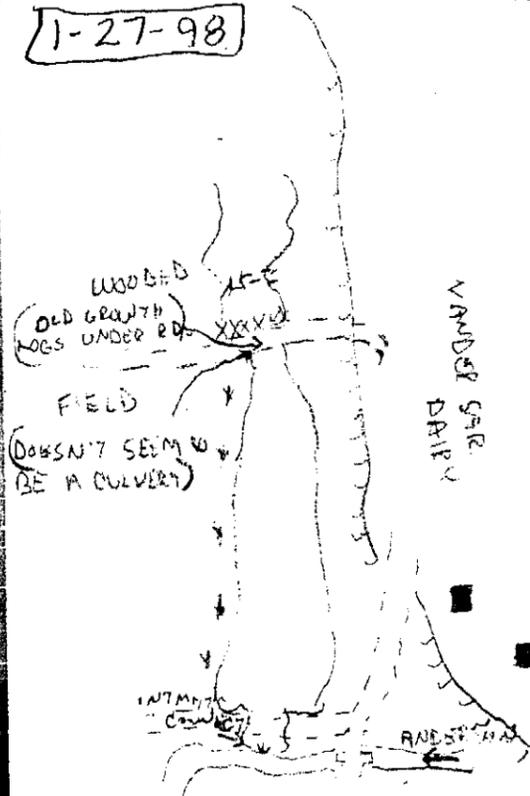
SOME CANARY GRASS
BRUSHY

ANIRBI

RM 0.3

SE 1/4 S26 T35N R5E

1-27-98



O.O ENTRY

FLOW: NORTH
STRM TEMP: 41°
R. WTR TEMP 44°
ACCESS: INTERMITTENT
OVER ROADWAY
ENHANCEMENT

4M - WW 5m POOL
- SHALLOW, BARELY A
WETTED CONNECTION
WITH ANDERSON OVER
ROADWAY

255M WW 25m
- SHOULDER

255m ... CANARY
GRASS & FENCE ALONG
RB

- TOE OF TERRACE
SLOPE AND TREES
ALONG LB
- DOESN'T SEEM TO
BE TOO MUCH WOODED
STRUCTURE PRESENT.

329m ww 18m

- SHALLOWS UP
SOMEWHAT.
- CANARY GRASS GROWING
IN MIDDLE OF SLOUGH.
- @ RD. ~~A~~ B RUNS
ALONG BVR DAM

- CANNOT SEE CULVERT.
- ~~W~~ DOESN'T SEEM TO
BE MUCH OF ANY FLOW
UNDER RD. LOOKS
LIKE A BARRIER.

350m ww 15m POOL

- TRIB ON LB
(WILL INVESTIGATE LATER)

432m ww 30m

- SLOUGH MUDDY SUB.
- BRUSHY EDGES.

456 INT. TRIB ON LB

670m WW 25M

800m WW 20M

- 2'-3' ALGAE &
CANARY GRASS IN
STANDING WTR.

- @ 100% MOUNTAIN
TREES ON LB, W/ CLAY
ANNUAL FAN

1010m WW 60M

- BRUSH, SMALL TREES
IN STANDING WTR.
- RUSH, WTR PARSLEY,
SKUNK CABBAGE,
CANARY GRASS

1204m WW 10M

- IN SWALE @
EDGE OF FIELD.

- SATURATED W/
MANURE WASTE

@ HEAD END
END OF WTR.

- 50° WTR. TEMP.

COMMENTS

- HEAVY FLOODING

- NO SPAWNING MAP

- SOME SUV. SALMON
WDS. SEEN.

- EXCELLENT OVER-

LOWTR RORING

- SORENSON MAP FLOW

WTR DUE TO FLOOD
EVENTS