SITE INFORMATION

Site Identifier : SK1RB2
Site Name :
WRIA : 03.0014X
Region : NS
Trib to : 03.0014
River Mile : 0.25
River System : Skagit R
Legal Description : NE1/4S18T35NR5E
County : Skagit
Habitat Type : terrace tributary

Landowner Type : State
Landowner Name : Northern State
Address : Fruitdale Rd
Address2 :
City : Sedro Woolley
State : Wa
Zipcode :
Phone :

Coordinates
East: 1,586,185.00 **North:** 1,168,352.00

Directions :
From where 03.0014 crosses Fruitdale Rd (by the golf course), hike upstream 0.15 miles to the site.

Area Overview :
This is an intermittent trib that offers 1416 square meters of over winter rearing and originates from a PVC pipe at the Northern State Facility in Sedro Woolley.

Field Survey Information

Date : 1/3/01 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

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

Flow: (X) Intermitent ( ) Year-round

Estimated Flows (cfs): Lower end: 0.1
Upper end: 0.1

Water Temperature(C): Lower end: 6.4
Upper end: 7.8

Receiving Water Temperature (C): 6.1

Other Observations:

Site Area Measurements: ( )Indirect (X) Direct ( ) Combination
Widths: Channel: 1.5m Ponds: Wetlands:
Depths: Channel: 18cm Ponds: Wetlands:
Total length (includes ponds and wetlands): 797m

Total existing habitat area (est. m2): 1416

Spawning area:	Mainstem:	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 1416	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: (X) None ( ) Poor ( ) Fair ( ) Good ( ) Exellent

Describe spawning habitat:

Rearing habitat conditions: ( ) None ( ) Poor ( ) Fair (X) Good ( ) Exellent

Describe pond and other rearing habitat: The initial 120 meters is canary grass choked and spread out with no overhead cover. From this point to the entrance to the small draw, there is heavy blackberry brush that the creek slowly meanders through. Above this, the creek is in an alder filled draw, is in a defined 1 meter wide channel, is brushy and mud-bottomed with skunk cabbage present. There is a non-barrier culvert at 501 meters. For the first 35 meters upstream of the culvert, the creek is in a 0.5 meter wide channel with canary grass along the banks. Then the creek spreads out again to 1 meter and has good brushy cover as well as ivy vine covering everything.

Describe unaccessible habitat:

Wetland type: ( ) Bog ( ) Marsh ( ) Scrub-shrub ( ) Forested

Describe:

Flooding potential: (X) Low ( ) Medium ( ) High

Describe: The lower end of the site will be backwatered during high flow periods.

FISH INFORMATION

Site entry condition: ( ) Poor ( ) Fair (X) Good

Describe: The entry area is backwatered.

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

Describe: Adult coho have been observed in the mainstem at the golf course and would also be able to access this site. However, it is more likely that juvenile coho would use this site for rearing during the winter although none were observed during the survey.

Other species acces and use: ( ) Chum ( ) Pink ( ) Sockeye ( ) Chinook (X) Trout

Describe: This site is accessible to trout also.

ENHANCEMENT OPPORTUNITIES: None

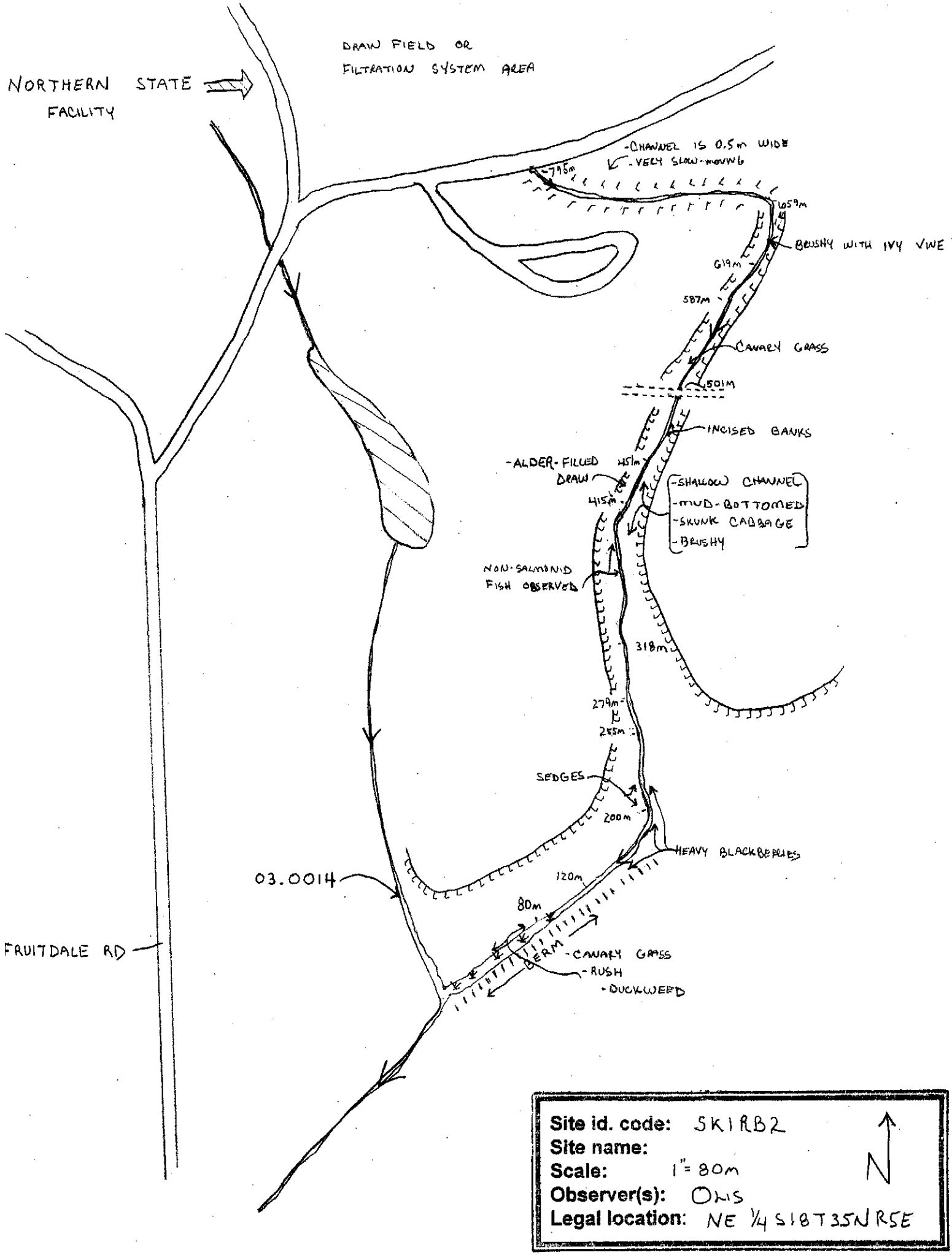
Project type:

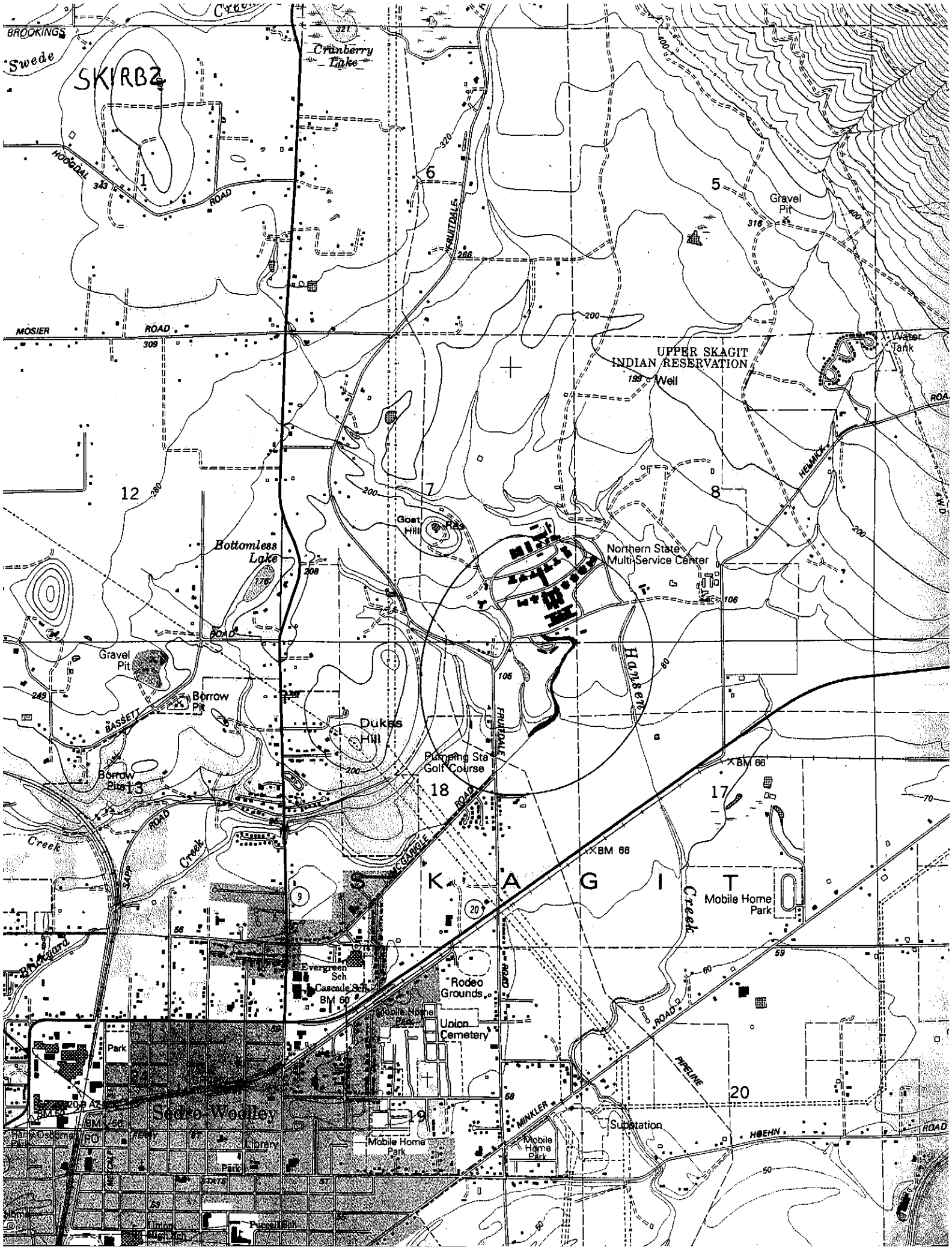
Equipment access:

ADDITIONAL COMMENTS: The water seems to originate from a drain field or a filtration system on the Northern State Facility. The survey was ended at a green colored PVC pipe. There were juvenile fish observed in the creek around the 400 meter point, species unknown but not salmonid.

ATTACHMENTS AVAILABLE

( ) Aerials (X) Sketch (X) Maps ( ) Spawning Surveys ( ) Juvenile Trapping
( ) Other References


NORTHERN STATE FACILITY
DRAW FIELD OR FILTRATION SYSTEM AREA
-CHANNEL IS 0.5m WIDE
-VERY SLOW-MOVING
795m
659m
BRUSHY WITH IVY VINE
619m
587m
CANARY GRASS
501M
INCISED BANKS
-ALDER-FILLED DRAW
451m
415m
-SHALLOW CHANNEL
-MUD-BOTTOMED
-SKUNK CABBAGE
-BRUSHY
NON-SALMONID FISH OBSERVED
318m
279m
255m
SEDGES
200m
HEAVY BLACKBERRIES
120m
03.0014
80m
BERM
-CANARY GRASS
-RUSH
-DUCKWEED
FRUITDALE RD
Site id. code: SK1RB2
Site name:
Scale: 1" = 80m
Observer(s): OMS
Legal location: NE 1/4 S18T35NR5E
N



BROOKINGS
Swede
SKIRBZ
Cranberry Lake
HOOGDAL ROAD
MOSIER ROAD
FRUITDALE
Gravel Pit
UPPER SKAGIT INDIAN RESERVATION
Well
Water Tank
HELMICK
Goat Hill
Ras
Bottomless Lake
Northern State Multi-Service Center
Hansen
Gravel Pit
Borrow Pit
BASSETT
Dukes Hill
Pumping Sta Golf Course
Borrow Pits
MCGARIGLE ROAD
SAPP ROAD
Creek
S K A G I T
Mobile Home Park
Brickyard
Evergreen Sch
Cascade Sch
BM 60
Rodeo Grounds
Mobile Home Park
Union Cemetery
Park
Sedro-Woolley
Library
Mobile Home Park
Mobile Home Park
Substation
MINKLER ROAD
PIPELINE
HOEHN ROAD
STATE ST
Purcell Sch
Union High Sch
BM 66

SK1RB2

RM 0.25

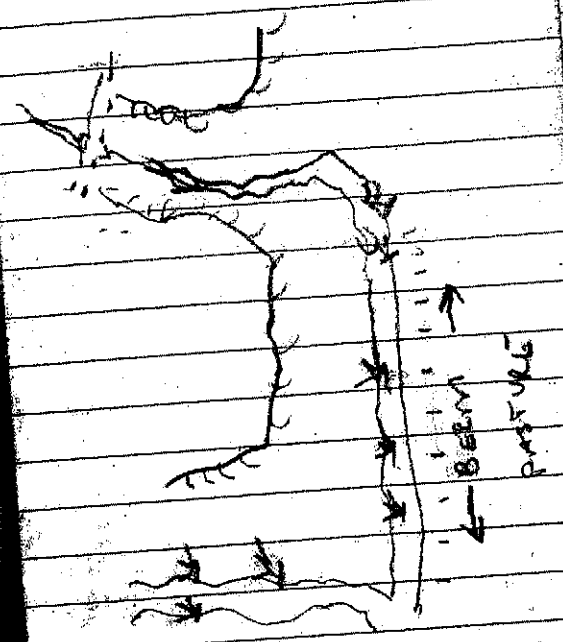
NE 1/4 S18T35N R5E

TRIB TO 03.0014

X- 1586185

Y- 1168352

1-3-01



0.0 ENTRY
FLOW - BACKWATERED
WT - 43.5°
RUST - 43°
ACCESS - GOOD
CANARY GRASS CHOKED

80m WW 5m
- CANARY GRASS - CHOKED
SHALLOW - MOSTLY STANDING WATER
- RUSH - DUCK WEED

120m WW 3m
@ EDGE OF BLACK BERRIES

200m WW 3m
- SPREAD OUT - SHALLOW
- HEAVY BLACK BERRY BR

255m WW 3m
- FLOWS THRU PATCH OF SEDGES W/ BLACKBERRIES ON LB
- ℓ ENTRANCE TO SMALL DRAW

279m WW 3m
- SHALLOW SWAMPY GROUND
HEAVY BRUSH

318m WW 2m
- MUD-BOTTOMED

[illegible]

- SEDGEMAN NOW IN SHALLOW CHANNEL
- SKUNK CABB. ALONG BANKS

415m WW 1m
- STILL IN BRUSHY ALDER FILLED DRAW
- JUV. FISH - SPEC ?
NOT SALMG

451m WW 1m
- SOME GRAVEL BATCHES
- NOT ENOUGH FOR SP.

501m WW 1m
BANKS SLIGHTLY RAISED

501m ...
@ CULVERT
→ 0.62 CAL - NO OUTFALL
→ WATER DEPTH 0.05
- CH. 0.9m WIDE
NO PLUNGE - SHOT ROCK
PLACED @ END OF CULV.
FILL DEPTH - 1.5m
WT SLOPE BREAK
L 20m - YES. MAT.
NO BARRIER

521m - UPKS R. END OF
CULV.

587m WW 0.5m
- CANARY GRASS BANKS

46°

587m ... @ SHOT
ROCK BAR - SMALL
CASCADE

619m WW 0.5m
- SMALL 8" CONC ROUND
COMES OUT OF RB
WATER TRICKLING
- VERY BRUSHY AGAIN
- IVY COVERING EVERYTHING
659m WW 1m
- @ 0.375 CONC. ROUND
PIPE W/ CONC. HEAD
WALL ON LB
797m WW 0.5m
- @ 0.62 GR. PVC PIPE
END OF SURVEY 46°

COMMENTS -

- SEEMS TO ORIGINATE FROM SOME SORT OF DRAINFIELD ON NORTHERN STATE PROPERTY

. GOOD REARING HABITAT

. NO SPAWN