SITE INFORMATION

Site Identifier : SA5RB7
Site Name : Wakon Cr
WRIA : 04.1073X
Region : NS
Trib to : 04.1073
River Mile : 0.40
River System : Sauk R
Legal Description : NE1/4S5T32NR10E
County : Snohomish
Habitat Type : terrace tributary

Landowner Type : Private
Landowner Name :
Address :
Address2 :
City :
State :
Zipcode :
Phone :

Coordinates
East: 1,747,021.00 **North:** 1,082,094.00

Directions :
From the Sauk Priarie Rd and Hwy 530 intersection in Darrington, go down the Sauk Prairie Rd for approximately 3.5 miles to the Crawford Loop Rd. Turn onto the Crawford Loop Rd and go approximately 1.3 miles to a culvert and the site.

Area Overview :
This is a spring fed system that does get some adult and juvenile coho use. It is a site that could be enhanced by some fencing and planting if the landowners are willing.

Field Survey Information

Date : 11/13/00 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

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

Flow: ( ) Intermitent (X) Year-round

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

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

Receiving Water Temperature (C): 7.8

Other Observations:

Site Area Measurements: ( )Indirect (X) Direct ( ) Combination
Widths: Channel: 1.5m Ponds: Wetlands:
Depths: Channel: 15cm Ponds: Wetlands:
Total length (includes ponds and wetlands): 600 meters

Total existing habitat area (est. m2): 913

Spawning area:	Mainstem:	10	Tribs:	Total:
Impounded area:	Mainstem:		Tribs:	Total:
Other rearing area:	Mainstem:	903	Tribs:	Total:
Unaccessible habitat:	Mainstem:		Tribs:	Total:

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

Describe spawning habitat: The spawning habitat is located within the initial 60 meters of the site. The gravel is 1" to 2" in diameter and there is good brushy cover.

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

Describe pond and other rearing habitat: The initial 81 meters was dry during the survey. This section has incised banks and is tree lined. From 81 meters up to the Crawford Loop Rd, the channel is spread out, the water is shallow and slow-moving with large amounts of water parsley present. Above the road, the habitat is still slow-moving and pooled with a mud-bottom. There is duckweed present as well as some brushy cover and small trees, however there is a poor amount of cover overall. The creek is in a roadside ditch for approximately 185 meters at the upper end. There is also a small man-made pond at the upstream end that does not appear accessible to fish and may rob some flow from the site.

Describe unaccessible habitat:

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

Describe:

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

Describe: There appears to be little threat of flooding from the mainstem. However, the field upstream of Crawford Loop Rd does get flooded at times as the culvert under the road is undersized to handle the flow during a major storm event.

FISH INFORMATION

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

Describe: Pool at entry area.

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

Describe: Adult coho have been observed spawning in the lower section of the site in the past. Jullvenile coho have also been observed.

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

Describe: This site is accessible to trout and provides good rearing habitat for them also.

ENHANCEMENT OPPORTUNITIES: If possible, take the creek out of the ditch on the upstream end and allow it to have a more natural channel. Try to limit the number of crossings and culverts present. Revegetate the banks and keep the livestock away from the creek with some fencing. Some watering holes could be provided for the livestock. Finally, the small earthen dam could be removed to allow a more natural, free flowing water source for this site.

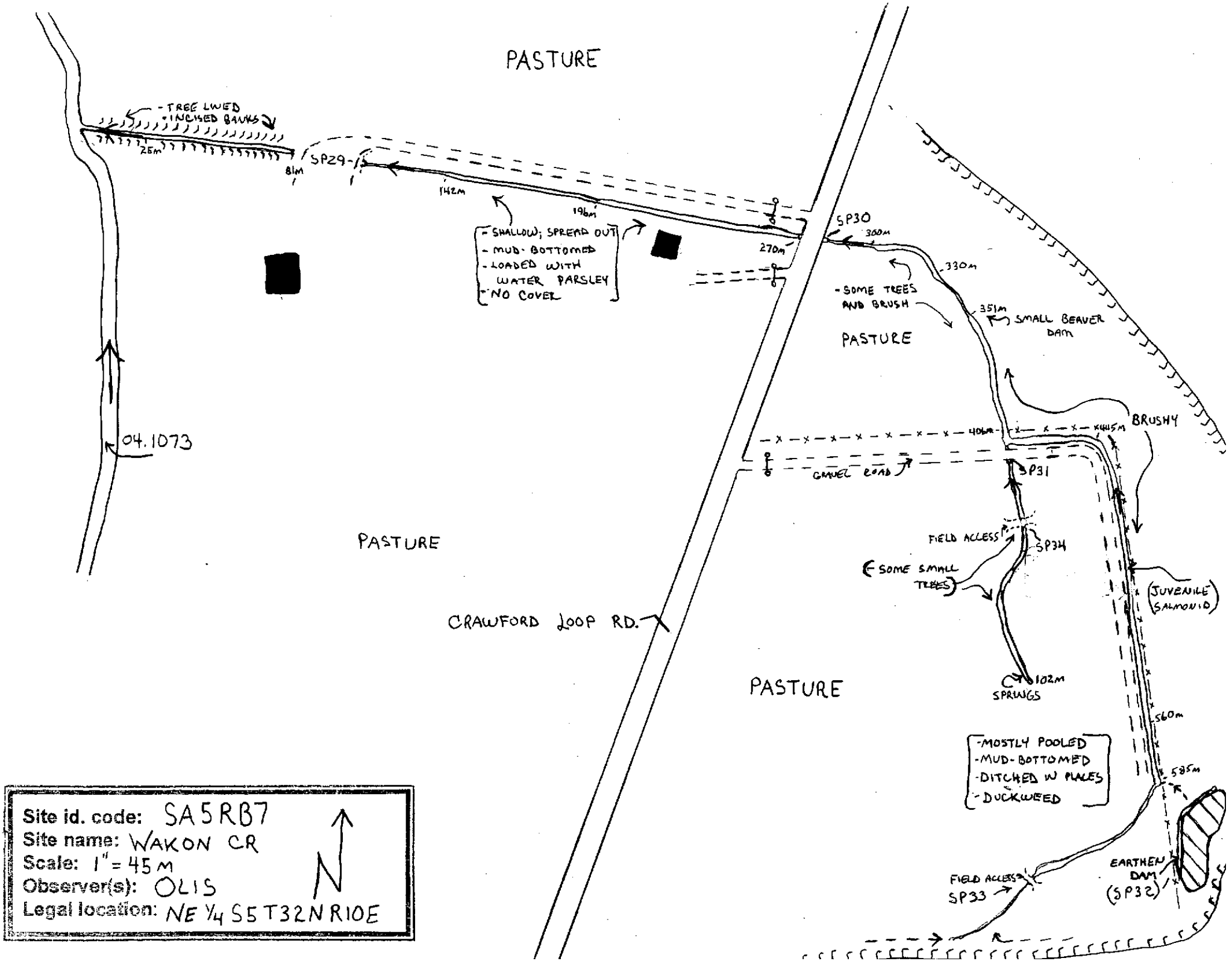
Project type:

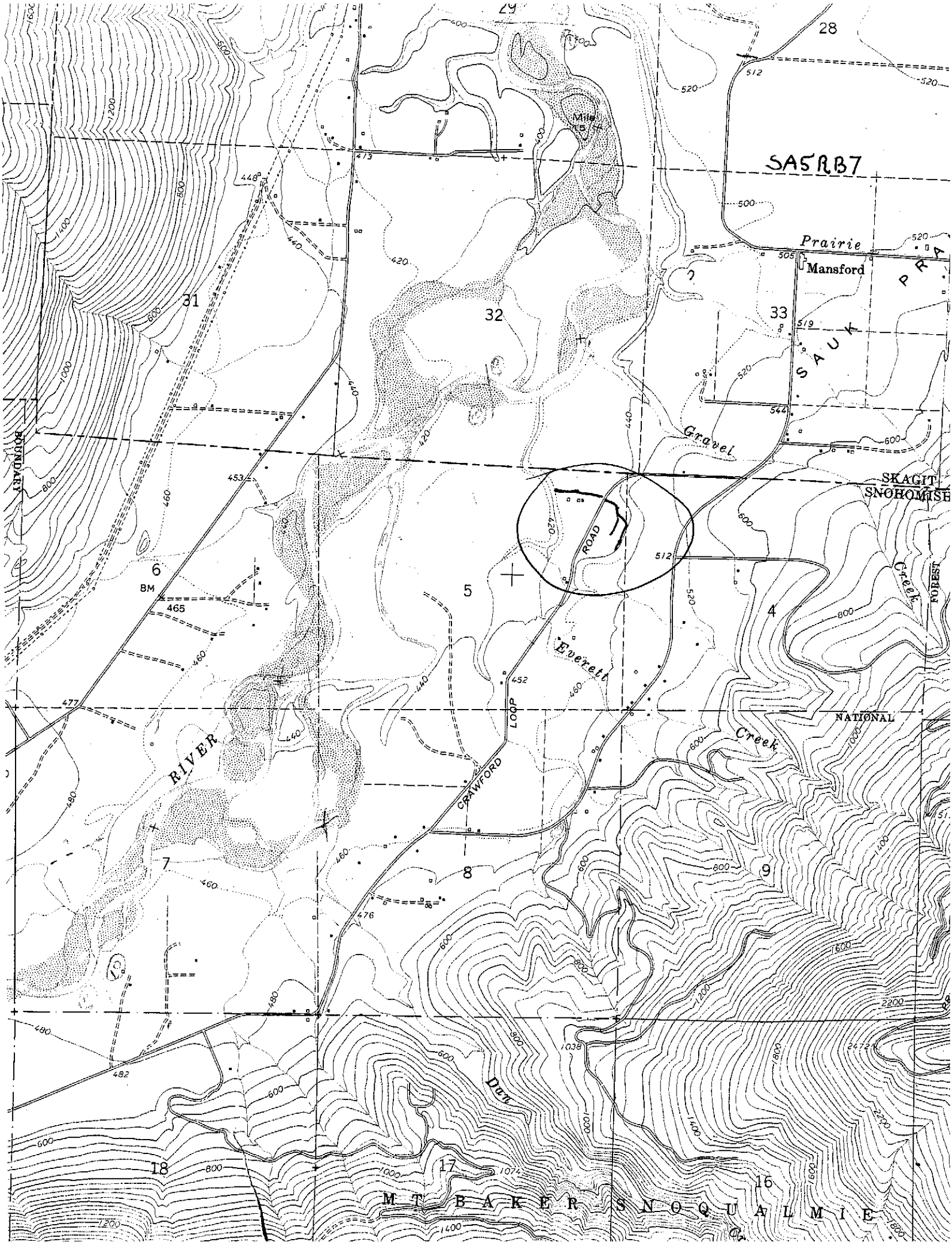
Equipment access:

ADDITIONAL COMMENTS: The survey was ended at the small pond on the upstream end as there was no apparent inlet present. The culverts will all be added to the culvert inventory.

ATTACHMENTS AVAILABLE

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


PASTURE
- TREE LINED
- INCISED BANKS
25m
81m
SP29
142m
196m
- SHALLOW; SPREAD OUT
- MUD-BOTTOMED
- LOADED WITH WATER PARSLEY
- NO COVER
270m
SP30
300m
330m
- SOME TREES AND BRUSH
PASTURE
351m
SMALL BEAVER DAM
BRUSHY
406m
445m
GRAVEL ROAD
SP31
FIELD ACCESS
SP34
SOME SMALL TREES
JUVENILE SALMONID
04.1073
PASTURE
CRAWFORD LOOP RD.
PASTURE
102m
SPRINGS
560m
585m
- MOSTLY POOLED
- MUD-BOTTOMED
- DITCHED IN PLACES
- DUCKWEED
FIELD ACCESS
SP33
EARTHEN DAM
(SP32)
Site id. code: SA5RB7
Site name: WAKON CR
Scale: 1" = 45 M
Observer(s): OLIS
Legal location: NE 1/4 S5 T32N R10E
N


SA5RB7
Mansford
Prairie
SAUK PRA
Gravel
ROAD
Everett
LOOP
CRAWFORD
RIVER
Creek
NATIONAL
FOREST
SKAGIT
SNOHOMISH
BOUNDARY
Dun
BM
465
M T B A K E R S N O Q U A L M I E
28
29
31
32
33
6
5
4
7
8
9
18
17
16

SA5RB7

RM 0.4

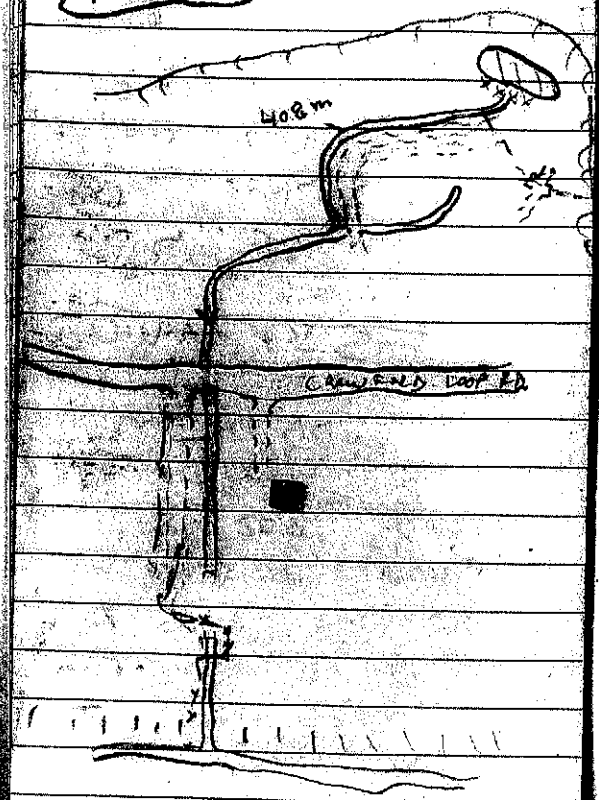
NE¼ 4 S5 T32N R10E

X - 1747021

Y - 1082094

11-13-00

WAKON CR.



FLOW -

WT - 46°

RWT - 46°

ACCESS - POOL

25m WW 1.2m

- POOL

- ~~BKF~~ WETTED CHANNEL TO THIS POINT

81m WW 1.2

- DRY CHANNEL

- @ CULVERT 1.22 CST

- HAS SLIGHT HORIZ. BEND

- WOOD IN 0.1

- FILL DEPTH 0.5m

- CH WIDTH 1.2 / 28.4L

WAKON

81m INCISED BANKS
- ALDER & BRUSH LINED
TO THIS POINT.

142m WW 0.75m
- PARTIALLY DITCHED
- LOTS OF WATER P.
- ~~WATERS~~ SOME WATER.

196m WW 1m
- SLOW-MOVING
- LB → NO COVER

270m WW 2m
- SLOW-MOVING / @ CULVERT
- NO COVER ON LB
- CHOKED W/ WATER PARSLEY

[redacted]

270m CULVERT
- 0.62 CST - 12.4
- NO MAT (0.1 WATER)
- 0.4m FILL DEPTH
- CH WIDTH 1.2
- SLOPE ≈ 0% of CLIMB
- APPEARS UNDERSIZED

309m WW 1m
- BANKS STOMPED
- LITTLE COVER

330m WW 2.5m
- POOL
- SOME TREES ALONG BANK

354m WW 1m
- @ SMALL BUK DAM SIZE.

404m WW 2m
- POOL
- RB IS BRUSHY
- DUCKWEED
- @ FENCELINE

412m WW 2m
- @ LOAD, CULVERT
- TRIB ON LB.

445m WW 3m
- DITCHED
DUCKWEED

- FENCE AND BRUSH ON RB

560m WW 1.7m
- POOL DITCH
- FENCE & BRUSH ON RB — ROAD ON LB

585m WW 1m LB
- INT. TRIB ON LB

600 WW 0.2C
- DRY CH.
- @ EARTHEN DAM AND SMALL POND
55mL x 1.5m H x 4m W
POND = 55m x 10m

- CULVERT ON INT. TRIB.
  - 0.46 CST - L 4.2m
  - DEPT 0.1 -
  - MAT. (YES)
  -

BACK TO LB TRIB @ 415m

- CULVERT @ CONFLUENCE
- 0.62 BLACK FLEX PIPE
- L 4.45m
- W DEPTH 0.25
- MAT. YES - PIPE 2/3 FULL
- FILL DEPTH 0.5m

29m WCW 2m POOL
- DUCKWEED / RUSH

@ FIELD ACCESS ROAD & CULVERT
- 0.46 CST - L 4m
- MAT. YES -
- 1/2 FULL OF SEDIMENTS
- 0.46 W DEPTH
- FILL DEPTH 0.5m
- 102m WCW 2m
- DITCHED?
- END OF CHANNEL
- SPRINGFED

COMMENTS

SPRING FED
- DITCHED OUT IN MANY PLACES
- JUV. SALMONID OBSERVED
- SPAWNING?