

SITE INFORMATION

Site Identifier : HN1RB1 **Landowner Type :** Private
Site Name : **Landowner Name :**
WRIA : 03.0267X **Address :**
Region : NS **Address2 :**
Trib to : Hansen Cr **City :**
River Mile : 1.90 **State :**
River System : Hansen Cr **Zipcode :**
Legal Description : NW1/4S20T35NR5E **Phone :**
County : Skagit
Habitat Type : terrace tributary

Directions :
 At the Highway 9 and Fruitdale Road intersect, turn right and go approximately 0.1 miles (the second left) to Minkler Road. Turn left and go approximately 0.1 miles to Hansen Creek. Hike upstream approximately 0.2 miles to the site (just below the power lines).

Area Overview :
 This intermittent trib is mostly a ditch that runs through a farmers field. It is void of any shade plants and wooded structure but it does have some juvenile coho use. There is no spawning habitat present.

Field Survey Information

Date : 02/17/1998 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

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

Flow: () Intermittent () Year-round

Estimated Flows (cfs): Lower end: 0.25
 Upper end: None

Water Temperature(C): Lower end: 8.6
 Upper end: 8.6

Receiving Water Temperature (C): 7.7

Other Observations:

Site Area Measurements: () Indirect () Direct () Combination

Widths: Channel: 1m Ponds: Wetlands:
 Depths: Channel: 20cm Ponds: Wetlands:
 Total length (includes ponds and wetlands): 970m

Total existing habitat area (est. m2): 1090			
Spawning area:	Mainstem:	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 1090	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: Most of the site is a 1m wide ditch between two fields that is choked with canary grass and cattails. It is coated with brown algae and is mostly pooled. In between the private drive and Highway 20 is about 120 square meters of pooled habitat. It lacks the brown algae but is also choked with canary grass.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: It appears that the only flooding problem may be the backing up of Hansen Creek and flooding of the field during major events.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: There is a pool present at entry.

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

Describe: At the section just below the Highway 20 culvert, two minutes of electro shocking turned 3 coho juveniles. There is no spawning habitat available.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: A juvenile trout was observed within the first 40m of the site.

ENHANCEMENT OPPORTUNITIES: None

Project type:

Equipment access:

ADDITIONAL COMMENTS: With the site being intermittent and flowing in a ditch through a farmers field, it appears to be a precarious piece of habitat.

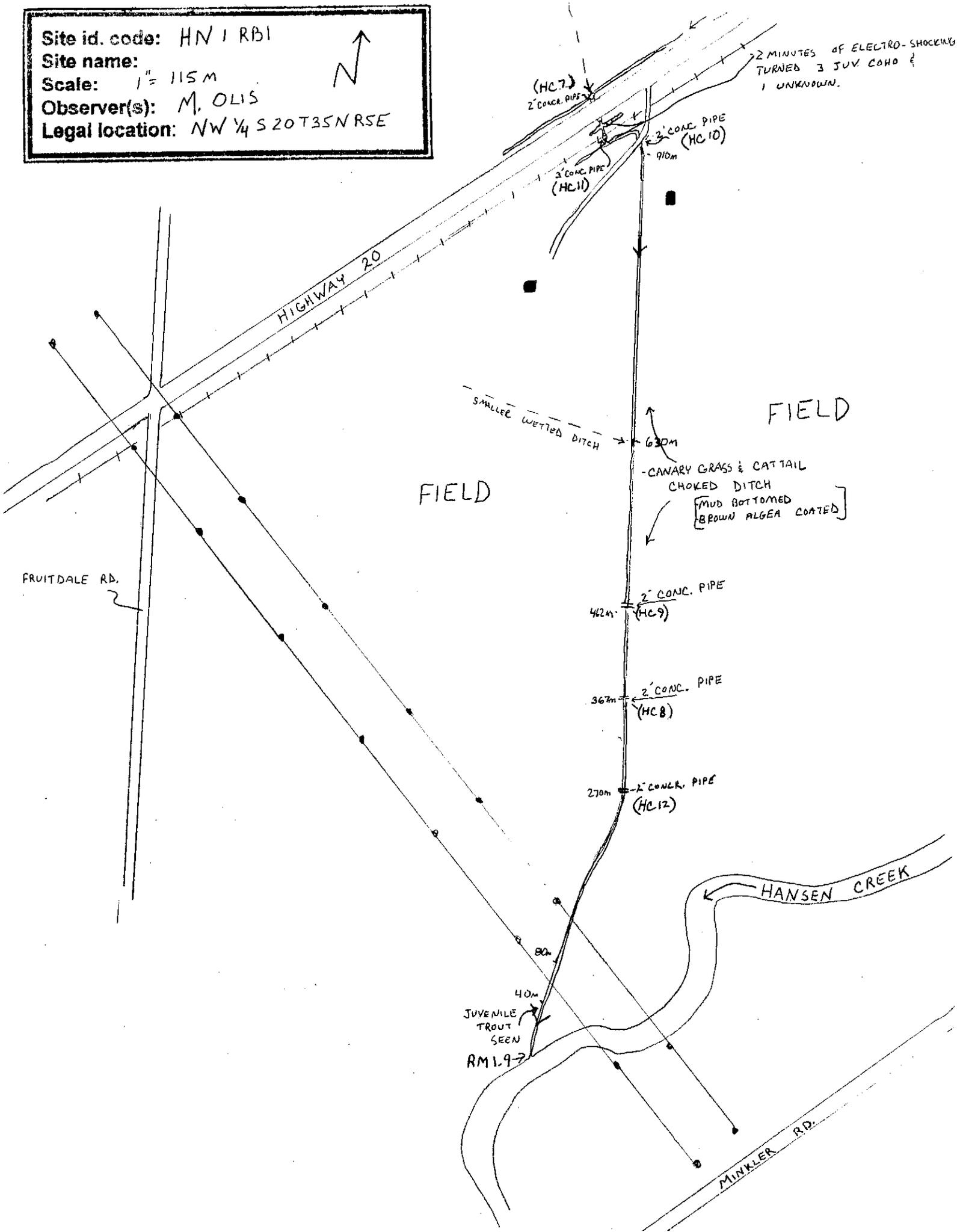
ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

Site id. code: HN1RB1
 Site name:
 Scale: 1" = 115M
 Observer(s): M. OLIS
 Legal location: NW 1/4 S 20 T 35 N R 5E



2 MINUTES OF ELECTRO-SHOCKING
TURNED 3 JUV. COHO &
1 UNKNOWN.



(HC7)
2' CONC. PIPE

2' CONC. PIPE (HC10)
910m

3' CONC. PIPE (HC11)

SMALLEE WETTED DITCH

FIELD

FIELD

630m
- CANARY GRASS & CATTAIL
CHOKED DITCH
[MUD BOTTOMED
BROWN ALGAE COATED]

462m
2' CONC. PIPE (HC9)

367m
2' CONC. PIPE (HC8)

270m
2' CONC. PIPE (HC12)

HANSEN CREEK

40m
JUVENILE TROUT SEEN
RML19

MINKLER RD.

FRUITDALE RD.

HIGHWAY 20

Lake



ET R4E R5E 58 12'30" 59 (CLEAR LAKE 1:62 500) 61 10'

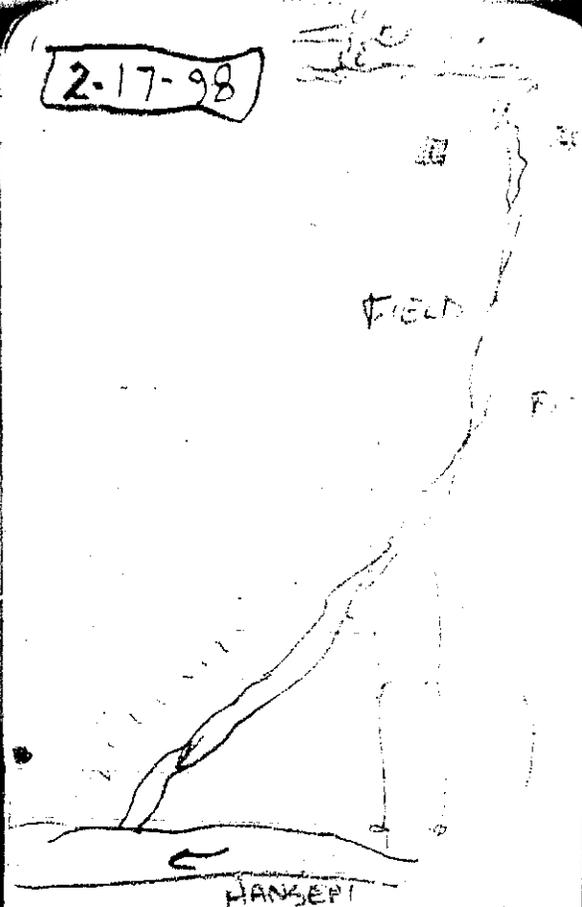
Geological Survey

HN 1 RB1

RM 1.9

NW 1/4 S20T35NR5E

2-17-98



0.0 ENTRY

- FLOW - 0.25 CFS
- WTR TEMP - 47.5
- EE. W TEMP - 45
- POOL @ ACCESS

40m - WW 1.5M

- SLOW MOVING - POOL
- BROWN ALGAE OVER EVERYTHING
- MUDDY SUBSTRATE
- JUVENILE TROUT SEEN
- DIRECTLY UNDER POWER LINES.

80m WW 2m

- POOLED, MOSTLY
- CANARY GRASS ALONG EDGES
- BLACK BERRY BRUSH

270m - 50% POOLED
1m WW

- BECOMES DIFERENT
W BETWEEN TWO
FIELDS

- @ 2' CONC PIPE
S. ROADWAY. SEWER
(SINK - NOT MUCH FLOW)

267m WW 1m

- POOL
- @ 2' PIPE AND



SMALL ROADWAY

462m WW 1m

- @ ROADWAY &
PIPE

CATTAILS ALONG
ROAD IN PLACES.

000m WW 1m

- CHOKED W/ CATTAILS
- C+ SPLITS
- RF CUTS TO WEST
TOWARDS WOODED PAVEN
- GOING NORTH, UP LF

910m WW 1m

- SHALLOW WATER
CHOKED

- @ LAUREL WAY

~~COURT WAY~~

~~ETTERVY~~ - 2' CONC. ROAD

945m WW 2m

- POOL

- @ 3' CONC.

CULV. ENCLOSED BY

RR. GRADE

- VERY LITTLE FLOW

980m WW 2m

@ 2' CONC. CULV.

UNDER HWY 20



- PART OF SYSTEM

PARALLEL HWY 20

FOR \approx 100 m CON

NORTH SIDE OF HWY

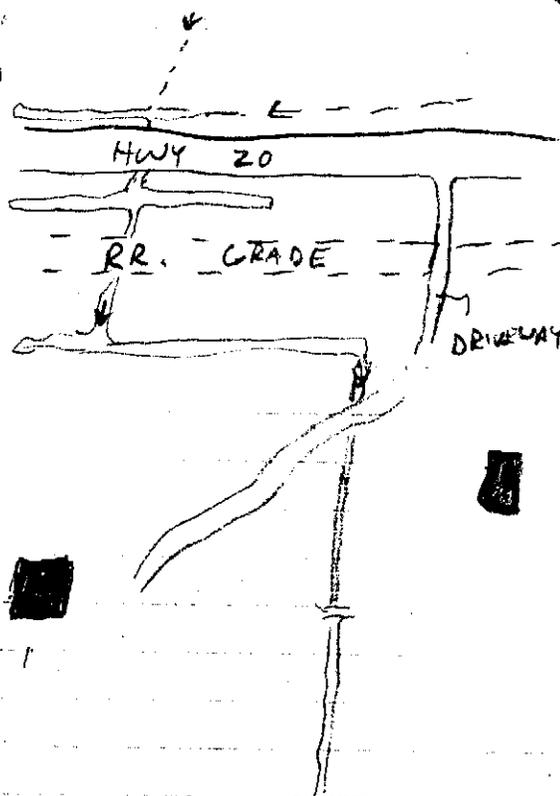
- JUST A TRICKLE

COMING OFF THE FIELD

WTR ALONG SIDE

HWY 20 EAST & WEST

OF THE CULVERT



COMMENTS

- LOW FLOOD POT.
- JUV. TROUT SEEN @ LOWER END
- PROB. GETS VERY LITTLE FISH USE.
- POSSIBLE REFUGE AREA DURING HIGH FLOWS.
- NO SPAWNING HABITAT.
- MOSTLY AN OPEN DITCH WITH LITTLE OVERHANG COVER.
- INTERMITTANT.