

SITE INFORMATION

Site Identifier : EN2LB11 **Landowner Type :** Private
Site Name : **Landowner Name :**
WRIA : 03.0239X **Address :**
Region : NS **Address2 :**
Trib to : Walker Cr **City :**
River Mile : 3.40 **State :**
River System : EF Nookachamps Cr **Zipcode :**
Legal Description : NE1/4S5T33NR5E **Phone :**
County : Skagit
Habitat Type : lower valley wall tributary

Directions :

: From the Hwy 9 and Walker Valley Rd intersection, turn right and go 2.1 miles to the Peter Burns road. Turn right and go approximately 1 mile to a gated logging road on the right. Walk down this road approximately 0.1 miles to a bridge and Walker Cr. Hike downstream on Walker Cr approximately 0.6 miles to the site.

Area Overview :

This is an intermitent and surface fed stream that appears to be marginal for coho use. There is a 2 foot drop at 7 meters and the stream appears to small for adult use.

Field Survey Information

Date : 12/1/99 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermitent Year-round

Estimated Flows (cfs):
 Lower end: 0.25
 Upper end: 0.25

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

Receiving Water Temperature (C): 6.1

Other Observations:

Site Area Measurements: Indirect Direct Combination
Widths: Channel: 1m **Ponds:** **Wetlands:**
Depths: Channel: 12cm **Ponds:** **Wetlands:**
Total length (includes ponds and wetlands): 255m

Total existing habitat area (est. m2): 240

Spawning area:	Mainstem:	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 240	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: The first 7 meters of this site is in a 0.5m wide channel with step pools and the last drop is 2 feet high. Above this, the channel spreads out to 4 meters in places, is shallow and mud-bottomed with some skunk cabbage present. At 48 meters, the creek is back in a 0.5 meter to 1 meter wide channel, has good brushy cover and several 1 foot drops before the survey was ended at 255 meters.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: There was little evidence found that this site has damaging flows and it does not appear to be affected by mainstem flooding.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: There is a pool in the entry area, however there was also a 2 foot drop at the 7 meter point which would impede any juvenile access.

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

Describe: There were no coho observed. The small size of the site makes adult use doubtful while the 2 foot drop at 7 meters makes juvenile use seem improbable.

Other species acces and use: Chum Pink Sockeye Chinook Trout

Describe: It is possible that some trout may be able to make the 2 foot jump and utilize this site to some extent.

ENHANCEMENT OPPORTUNITIES: None

Project type:

Equipment access:

ADDITIONAL COMMENTS: The survey ended where the gradient appeared to high for juvenile use and the creek appeared to small for adult use. There were no GPS positions recieved at this site.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

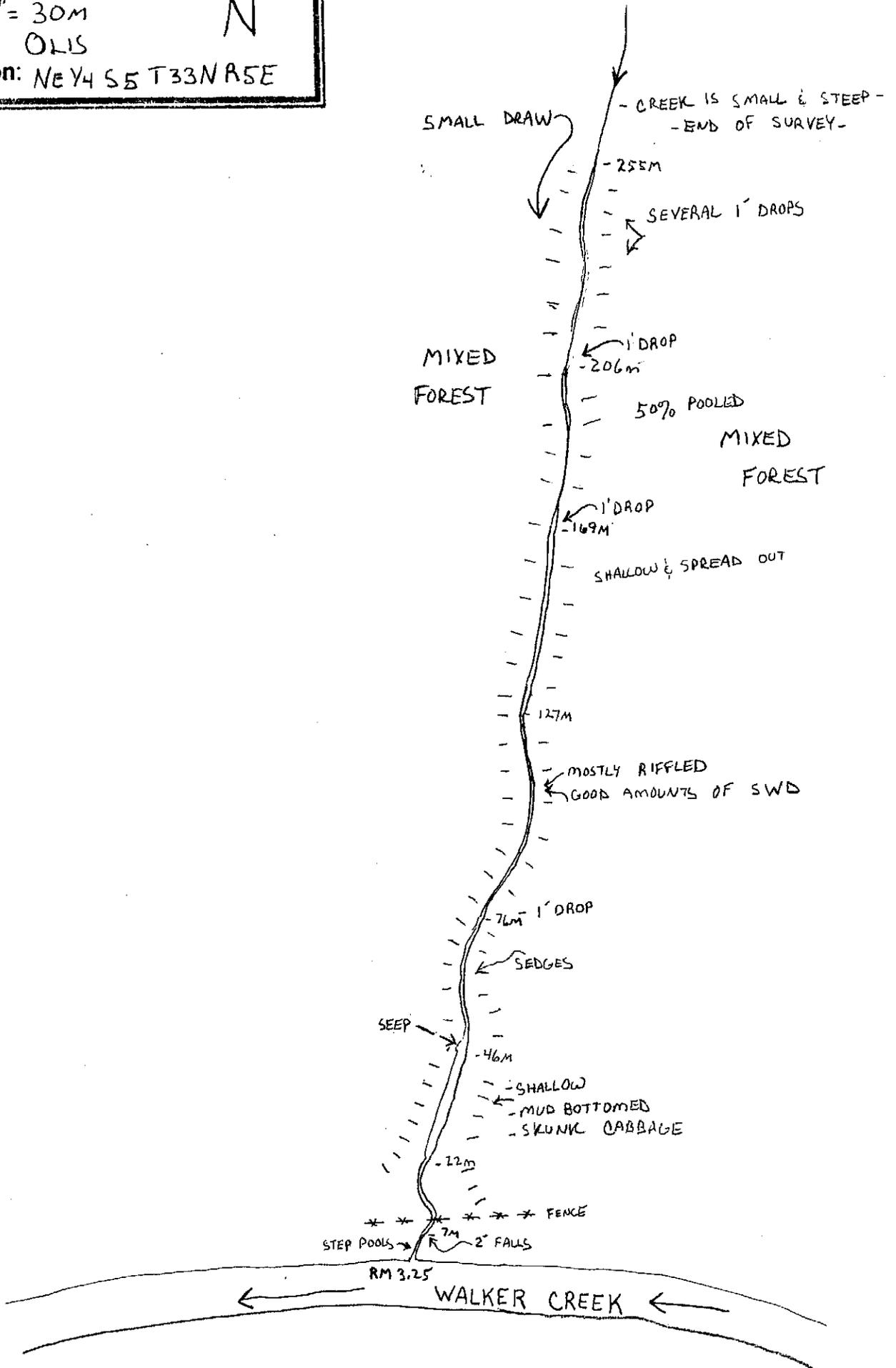
Site id. code: EN2LB11

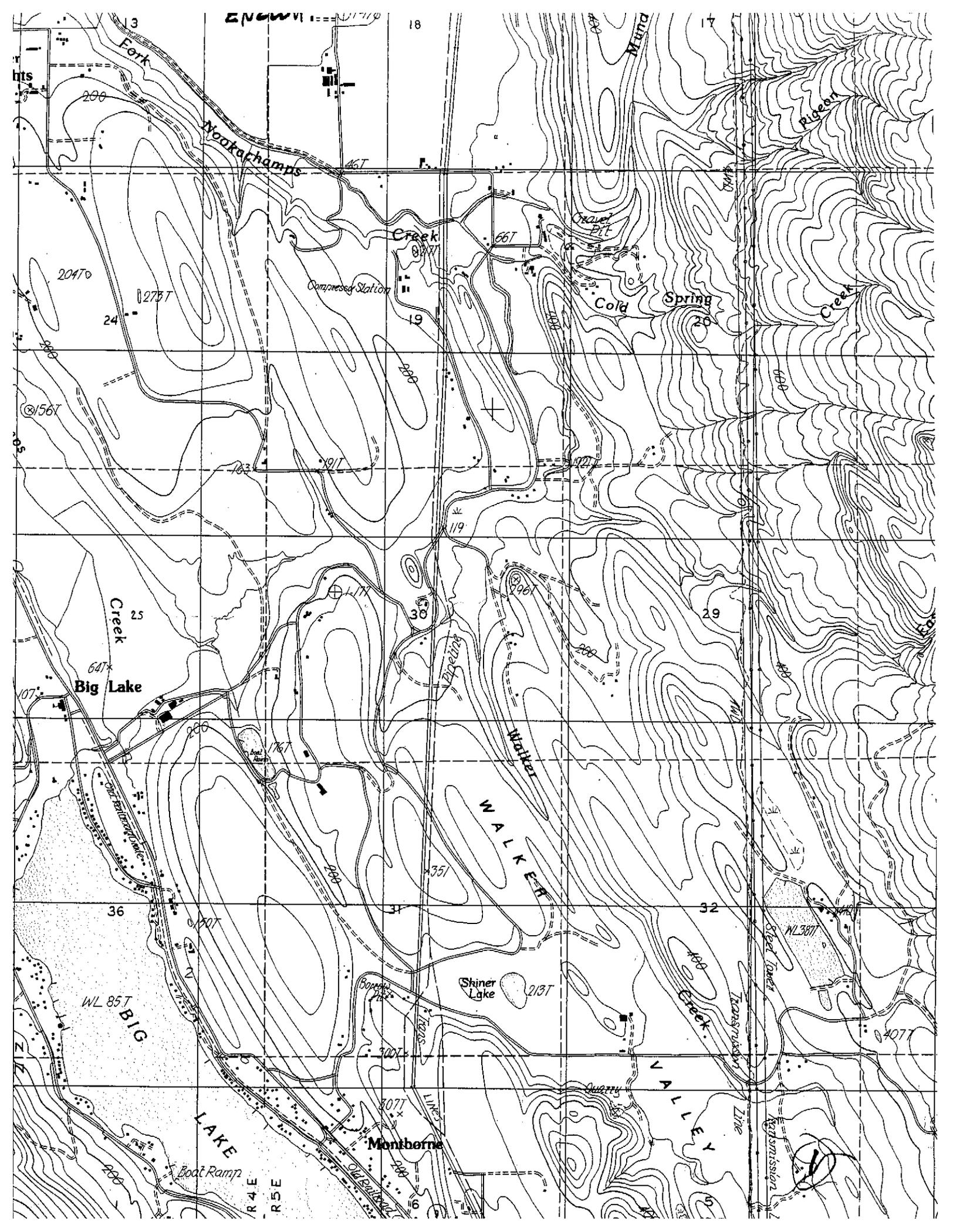
Site name:

Scale: 1" = 30M

Observer(s): OLIS

Legal location: NEY4 S5 T33N R5E



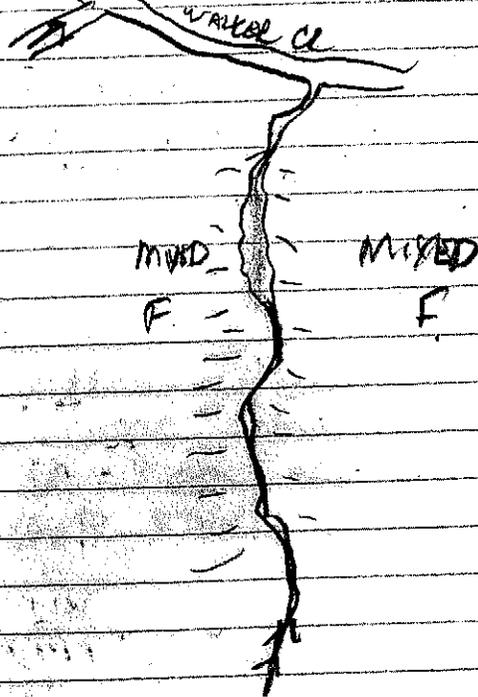


EN2LB11

AM 3.40

NE 1/4 S5 T33N R5E

12-1-99



0.0 ENTRY

FLOW - 0.25 CFS

WT - 45°

RWT - 43°

ACCESS - POOL @ ENTRY
(2' DROP @ 7m POINT)

7m WW @ 5m

- SHIP POOLS

@ DROP

- PROB. BARRIER TO

JUN. FISH

@ FENCE (BACKWATER)

22m WW 1m

- SILTY/SAND SUBSTRATE

- SLOW MOVING

46m - WW 3m
- SHALLOW, POOLED

MUD BOTTOMED
- SOME SKUNK CABBAGE
- SEEP ON RB.

76m WW 1m
- SLOW MOVING
- SEDGES
- 1' DROP

127m WW 0.5m
- MOSTLY RIFF
- LOTS OF SWD
- 1' DROP

169m WW 1.5
- @ 1' DROP

- SHALLOW & SPREAD OUT

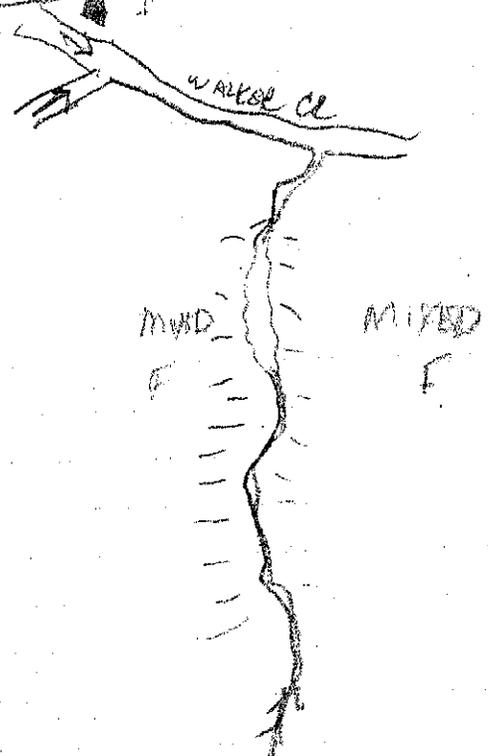
206m WW 1m
- @ 1' DROP
- 50% POOLED

255m WW 0.5
- MOSTLY RIFF w/
- SEVERAL 1' DROPS
HIGH GRADIENT ABOVE.
END OF SURVEY.

COMMENTS

- LOW FLOOD, NO SPAWN,
MARGINAL PILEUP, 2' DROP
PROB DENIES JUV. NEEDS
- GOOD OVER-WINTER
RVAENL.

12-1-99



0.0 ENTRY

FLOW - 0.25 CFS
 WT - 45°
 RWT - 43°

ACCESS - POOL @ ENTRY
 (-2' DROP @ 7m ROW)

7m WW 0.5m

- STEP POOLS
- @ 2' DROP
- PROB. BARRIER TO JUV, FISH
- @ FENCE (BACK WALK)

22m WW 1m

= SILTY/SAND SUBSTRATE
 -> SLOW MOVING