

**SITE INFORMATION**

<b>Site Identifier :</b>	CH2RB1	<b>Landowner Type :</b>	Private
<b>Site Name :</b>		<b>Landowner Name :</b>	
<b>WRIA :</b>	05.0021X	<b>Address :</b>	
<b>Region :</b>	NS	<b>Address2 :</b>	
<b>Trib to :</b>	WF Church Cr	<b>City :</b>	
<b>River Mile :</b>	1.43	<b>State :</b>	
<b>River System :</b>	Church Cr	<b>Zipcode :</b>	
<b>Legal Description :</b>	NE1/4S8T32NR4E	<b>Phone :</b>	
<b>County :</b>	Snohomish	<b>Coordinates</b>	
<b>Habitat Type :</b>	man-made impoundment	<b>East:</b>	1,556,586.00 <b>North:</b> 1,079,711.00

**Directions :**

From the intersection of 310 St and Cedarhome Rd, go down 310 St for 0.2 miles to where WF Church Cr crosses under the road. The site is located 0.1 miles upstream of this crossing.

**Area Overview :**

This is a seasonally wetted, man-made pond that is created by a plank and concrete weir at the downstream end. Fish use is possible but none were observed on the day of the survey.

**Field Survey Information**

**Date :** 1/30/03 **Observer :** Olis **Survey Type :** initial

**HABITAT INFORMATION**

**Water Source:**  Spring  Groundwater  Surface runoff

**Flow:**  Intermittent  Year-round

**Estimated Flows (cfs):** Lower end: 0.05  
Upper end: 0.05

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

**Receiving Water Temperature (C):** 7.8

**Other Observations:**

**Site Area Measurements:**  Indirect  Direct  Combination  
**Widths:** Channel: 1 Ponds: 48 Wetlands:  
**Depths:** Channel: 0.15 Ponds: 0.5 Wetlands:  
**Total length (includes ponds and wetlands):** 125

<b>Total existing habitat area (est. m2):</b>	4152		
<b>Spawning area:</b>	Mainstem:	Tribs:	Total:
<b>Impounded area:</b>	Mainstem: 4080	Tribs:	Total:
<b>Other rearing area:</b>	Mainstem: 72	Tribs:	Total:
<b>Unaccessible habitat:</b>	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 is a man-made pond that is 48 meters wide by 85 meters long. It is created by a plank and concrete weir on the lower end. At the inlet there is a 1 meter wide shallow ditch that seeps into the pond and at the outlet, there is a 1 meter wide ditch that connects the pond to WF Church Cr.

Describe inaccessible habitat:

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: The mainstem is in a large beaver pond/swamp complex upstream, and in a ditch system adjacent to the pond. Some of the surrounding area could become inundated when the ditch system becomes overwhelmed.

#### FISH INFORMATION

Site entry condition:  Poor  Fair  Good

Describe: There is a large pool in the entry area as the mainstem is in a ditch and there is a culvert present just downstream of the confluence. Also, there is a plank and concrete weir (CH21) at the base of the pond which would hinder fish access.

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

Describe: This section of WF Church Cr is directly accessible to coho and there have been adults observed spawning just upstream of where mainstem Church Cr forks. However, there have been none observed this far up WF Church Cr for several years.

Other species access and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: Cutthroat redds have been observed in the mainstem nearby and could access this site as well.

ENHANCEMENT OPPORTUNITIES: The landowner expressed interest in possibly making the pond more of a permanent year-round pond, as it dries up in the summer time.

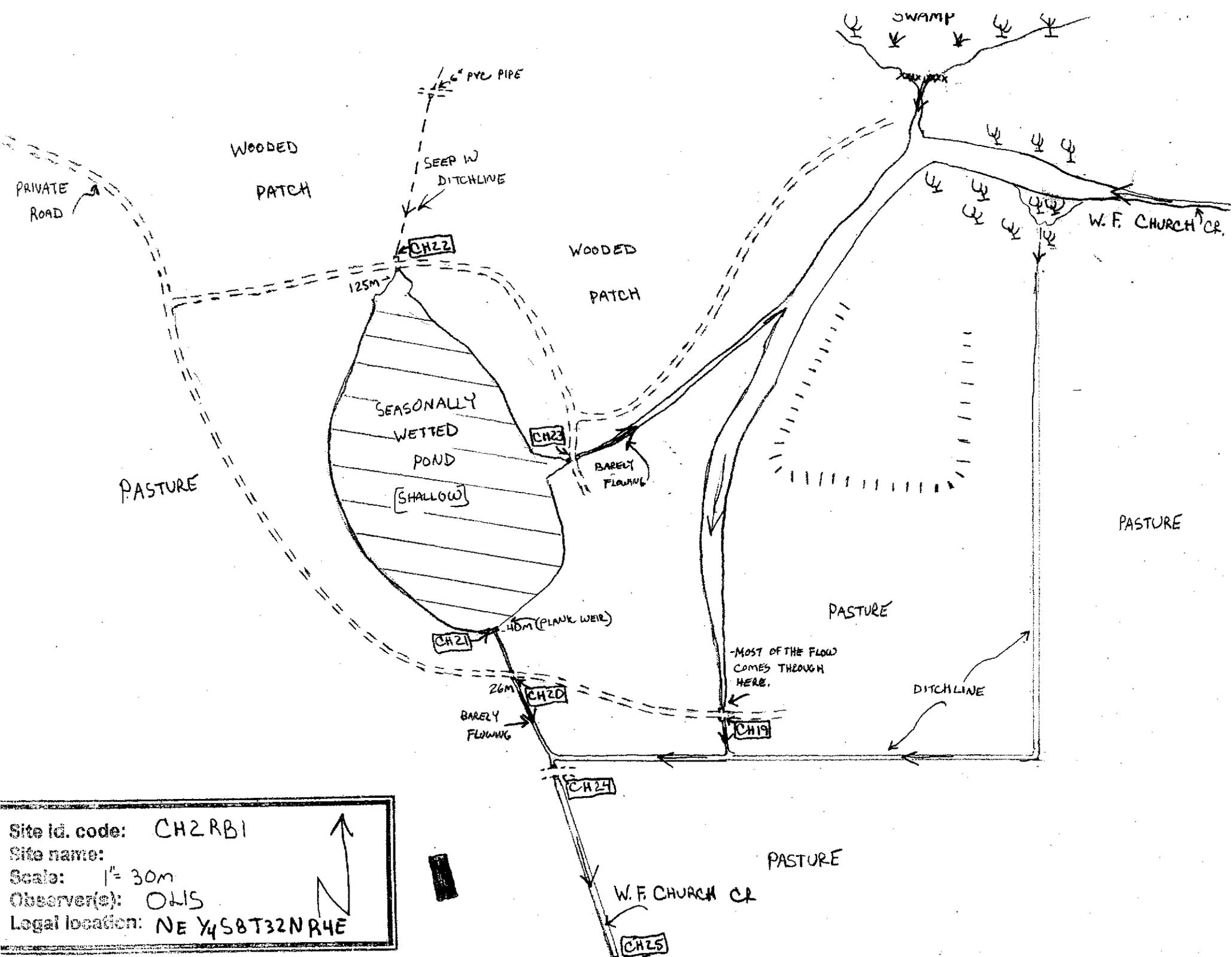
Project type:

Equipment access:

ADDITIONAL COMMENTS: In the summer time, the weir is removed on the downstream end, the pond dries up, and the grass is cut for hay. There are four structures on this site that are in SSHEARBASE (CH20,CH21,CH22,CH23).

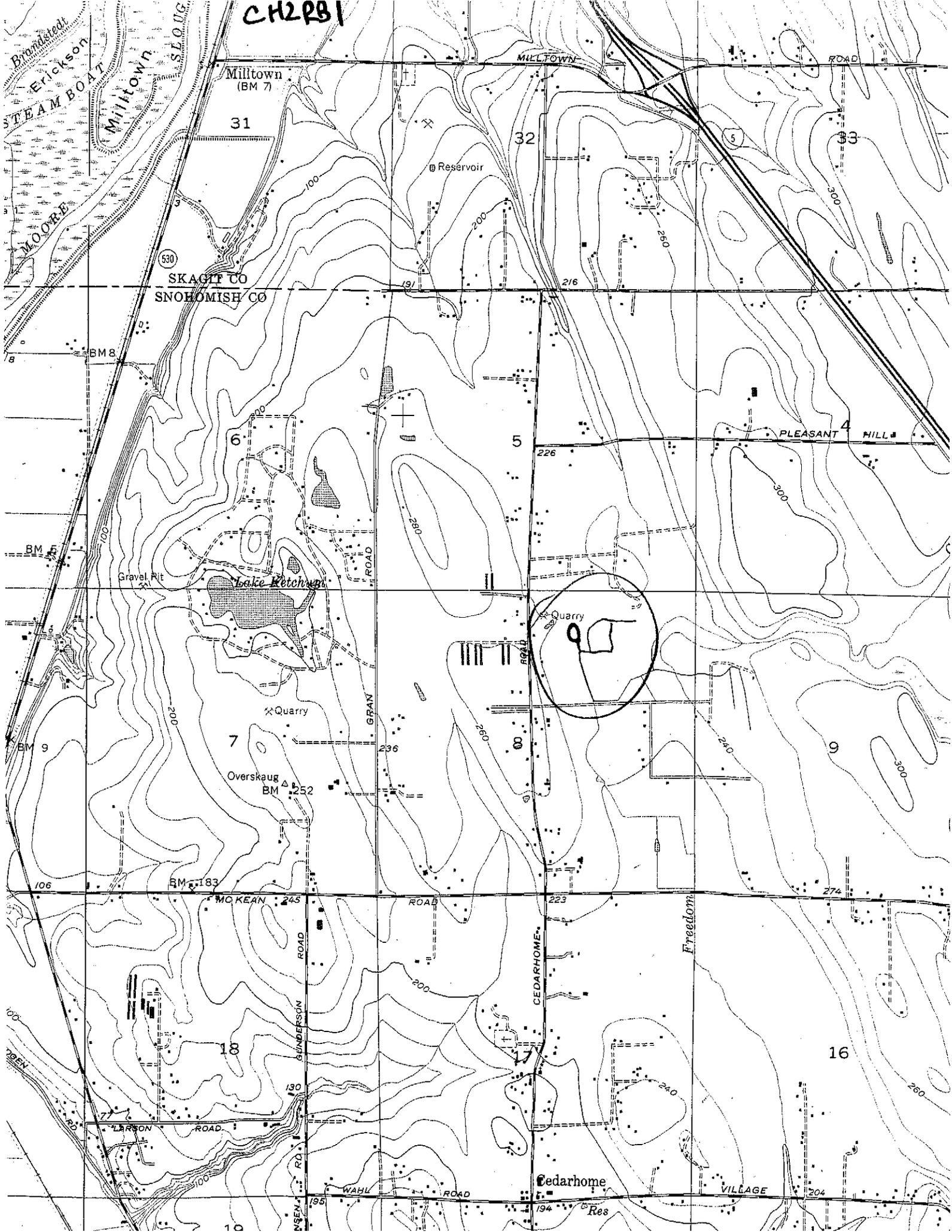
#### ATTACHMENTS AVAILABLE

Aerials  Sketch  Maps  Spawning Surveys  Juvenile Trapping  
 Other References



Site id. code: CH2RBI  
 Site name:  
 Scale: 1" = 30m  
 Observer(s): OHS  
 Legal location: NE 1/4 S8T32N R4E

CH2RB1



Brandegee  
Erickson  
STEAM BOAT  
MOORE  
MILLTOWN  
SLOUG

Milltown  
(BM 7)

MILLTOWN

ROAD

31

32

Reservoir

SKAGIT CO  
SNOHOMISH CO

530

5

BM 8

PLEASANT HILL

BM 5

Lake Retention

Quarry

BM 9

Quarry

Overskaug  
BM 252

106

BM 183

MC KEAN 245

ROAD

223

274

600

18

16

LIBBON ROAD

130

Cedarhome

VILLAGE

10

NSEN RD

195

WAHL ROAD

194

Res

204

CHZ RB1

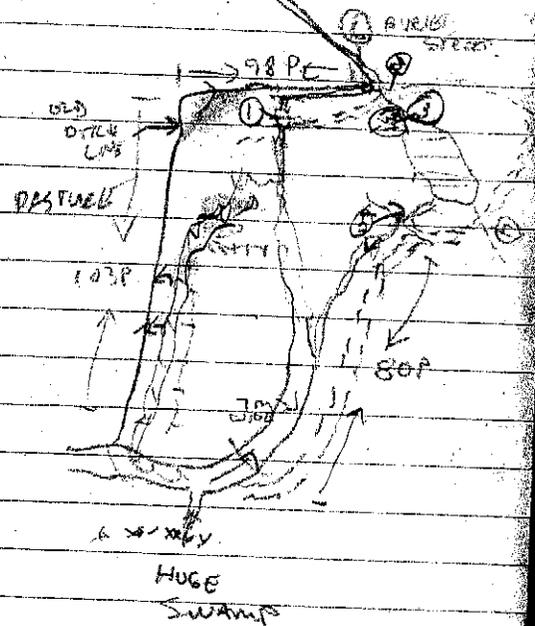
Rm 1.43

NE 1/4 S8 T32N R4E

X- 1556586

Y- 1079711

1-30-03



POND OUTPUT

WASTEWATER TRICKLING OUT

26m x 1m TO CULVERT  
CULV TO DAM  
13m x 1m  
NO PLUMBING POOL

POND WIDTH 35P 48m

POND LENGTH 60P 85m

@ POND OUTPUT (SMALL SEEPY DITCHLINE)

22 PACKS TO 6" PVC PIPE (END OF SURVEY)

RWT 46° FLOW 0.05

WT 46°