

STATE OF WASHINGTON
DEPARTMENT OF FISH & WILDLIFE
HABITAT PROGRAM
Salmonid Screening, Habitat Enhancement &
Restoration Division (SSHEAR)

OFF-CHANNEL SITE INVENTORY DATA

General Information:

| | |
|--|----------------------------|
| Region: North Coast | Observer(s): Powell |
| River System: Sol Duc River | Date: 2/14/96 |
| Site Identifier: S-R2-02 | WRIA: 20.0302H |
| River Mile Location: 0.25 mi | RB/LB: RB |
| Local Name: Branch Pond | Trib. to: 20.0302G |
| Legal Description: SW¼ Sec2 T28N R14W | County: Clallam |
| Habitat Type: Terrace tributary | |
| Landowner: () Federal () State () County () Other Government (X) Private - Rayonier Timber Co. | |

Directions to site: Head north from Forks on Hwy 101. Turn left just beyond mp 193 (1.0 mi. north of Forks) onto the La Push Rd. Proceed west on La Push Rd about 3.1 miles. Turn right onto the Quillayute Rd. and take the first right into the Rayonier Timber Co. yard. Take an immediate left onto a concrete bridge that crosses the Sol Duc River. There is a gate on this bridge (all keys can be obtained, or arrangements can be made at the ROTC office). Follow this road (RY-5000), after crossing the bridge, for 0.2 mi - this is the second, right spur road. Follow this road (stay to the right) for 0.3 mi. The ponds encountered are part of S-R2-02. (The first culvert crossing on this spur road is S-R2-01).

Site Overview: This channel is in association with S-R2-01. Its source appears to be the same large wooded wetland as S-R2-01. It then flows through a combination of sedge and wooded wetland with areas of ponded water due to relic beaver dams. This channel offers ample rearing area which could be improved by controls and possible blasting of additional pools. There is no spawning opportunities, and fish access is blocked by a fall on S-R2-01.

Habitat Information:

Water source:
- Springs and surface runoff

Intermittent/year-around:
- Year-around

Estimated flows (cfs): 1 -1.5

Water temperatures: 6° C

Adjacent stream temperature: Did not take

Other water observations:

Site area measurements: Indirect Direct Combination

Width: Channel- 1.0 - 1.8 m

Ponds- 5 - 15 m

Wetlands- 8 - 14+ m

Depth: Channel- 7.5 - 15 cm Ponds- 15 cm - 1 m

Wetlands- 10 - 45 cm

Total length surveyed: 400 m

Total existing habitat area (est.): 1075 m²

Spawning area: 0 m²

Impounded area: 750 m²

Other rearing area: 325 m²

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- This low gradient channel contains a small section with little gravel.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- Lower channel has cover of brush, LOD, and a canopy of alder and conifer.

- There is a small, shallow pond in the lower channel. The pond is fed by water that braids through sedges, cattails, and water parsley.

- There is a relic beaver dam, mid channel which has a large pond behind it. There is LOD, clumps of sedges and spiraea throughout the pond.

- Above the large pond, the water sloughs through sedges and LOD.

- The upper most channel is a large wooded wetland. The water braids through sedges with a cover of LOD and brush, and canopy of alder. This wetland appear to be part of S-R2-01 upper wetland.

Unaccessible habitat:

- All of the above habitat is unaccessible due to the steep fall at the egress which originates in channel S-R2-01.

Wetland information: Bog Marsh Scrub-shrub Wetland Forested Wetland

- The upper wetland is probably part of the expansive upper wetland of S-R2-01 which was not fully measured.

- The upper wetland is an alder bottom with water braiding through water parsley, brush, salal and some conifer.

- There is a scrub-shrub wetland on the left bank of the large pond. It contains alder, stunted conifer, salal, and sedges.

- Wetland plants observed: water parsley, cattail, spiraea, and sedges.

Flooding potential: Low Medium High

- This low gradient channel.

Fish Information:

Site entry condition to : Poor Fair Good

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

Adult- Unknown None Poor Fair Good

Other species access and use: Chum Pink Sockeye Res. trout Trout

Habitat Improvements:

Enhancement opportunities:

- If channel S-R2-01 egress was placed in its original channel, then this system could be enhanced by additional pools.
- A large portion of this system parallels an accessible road.

Additional Comments:

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

- | | | | |
|---|--|---|---|
| <input checked="" type="checkbox"/> Aerials | <input checked="" type="checkbox"/> Sketch | <input checked="" type="checkbox"/> Maps | <input type="checkbox"/> Culvert Report |
| <input type="checkbox"/> Other references | <input type="checkbox"/> Spawning surveys | <input checked="" type="checkbox"/> Juvenile trapping | <input type="checkbox"/> Fishway Report |

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION

River System: Sol Duc

Site No.: S-R2-02

WRIA: 20.0302H

Site Name: Branch Pond Creek

DATE: 3-7-96

OBSERVER: Powell

MINNOW TRAPPING REPORT

| TRAP | DATE | | DATE | | COHO | | CATCH | | |
|----------------|------|------|--------|------|------|-------|-------|------|--------|
| | SET | TEMP | PULLED | TEMP | MRK | UNMRK | RBT | CUTT | COTTID |
| 1 | 3/7 | 7°C | 3/7 | 8°C | 0 | 0 | 0 | 0 | 0 |
| 2 | 3/7 | 7°C | 3/7 | 8°C | 0 | 0 | 0 | 0 | 0 |
| TOTALS: | | | | | 0 | 0 | 0 | 0 | 0 |

COMMENTS:

- Trap 1 was placed in channel feeding into first small pond.
- Trap 2 was placed on the right bank side of the large pond under LOD.

DATE: 3-20-96

OBSERVER: Powell

MINNOW TRAPPING REPORT

| TRAP | DATE | | DATE | | COHO | | CATCH | | |
|----------------|------|-------|--------|-------|------|-------|-------|------|--------|
| | SET | TEMP | PULLED | TEMP | MRK | UNMRK | RBT | CUTT | COTTID |
| 1 | 3/20 | 8.5°C | 3/21 | 8.5°C | 0 | 0 | 0 | 0 | 0 |
| 2 | 3/20 | 8.5°C | 3/21 | 8.5°C | 0 | 0 | 0 | 0 | 1 |
| TOTALS: | | | | | 0 | 0 | 0 | 0 | 1 |

COMMENTS:

- Trap 1 was placed in large pond, directly above relic beaver dam on the right bank side.
- Trap 2 was placed in close proximity of trap 1.

DATE: 8-21-96

OBSERVER: Powell

Drier than normal summer. Lower end is just a trickle; < 5 gpm and intermittent in some spots. The first small pond was mostly dry and the second, larger pond had many dry areas but there was pockets of water that were 0.5 - 1 foot deep.

AREA: S-R2

SITES: S-R2-01, S-R2-02

WRIA: 20.0302G, 20.0302H

NAMES: Prairie Fall Cr., Branch Pond

DATE: 2/96

REVISED 9/00



