

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): Nettnin

River System: Sol Duc River

Date: 2/21/96

Site Identifier: S-R1-01

WRIA: 20.0302? *20.03026*

River Mile Location: 6.5 by Stream Catalog
- 7.3 by USGS map

RB/LB: RB

Local Name: Thomas Springs

Trib. to: 20.0096

Legal Description: SE¼ Sec 17 T28N R14W

County: Clallam

Habitat Type: Terrace Tributary

Landowner: Federal State County Other Government Private
- Russ Thomas
- Possibly sources on DNR

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 continue west for about 3.5 mi. to the Moriarty Road. Turn left onto the Moriarty Road and proceed to the end of the road. The road crosses Thomas Springs (S-R1-01) just before the residence

Site Overview: This first order stream begins as a typical wall-based channel-it sources from springs and then flows along the base of a terrace wall, and has a substrate of sand and silt. About mid-reach, the channel bends away from the terrace wall and meanders through what is now agriculture fields. There is a suitable buffer along most of the fields and the stream. The stream is low gradient and flows across a low terrace.

Habitat Information:

Water source: Springs

Intermittent/year-around: Year-around

Estimated flows (cfs): Lower end: 0.5 - 1.0 Upper end: 0.1 - 0.3

Water temperatures: Lower end: 7.0 C Upper end: 9.0 C

Adjacent stream temperature: 5.0° C (20.0096)

Other water observations:

- Clear pristine water
- Domestic water source for residence

Habitat Improvements:

Enhancement opportunities:

Possible project type:

- Fishway
- Fencing
- Revegetation

Equipment access:

- Good, with landowner permission.

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 type="checkbox"/> Juvenile trapping | <input type="checkbox"/> Fishway Report |

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION

River System: Sol Duc

Site No.: S-R1-01

WRIA: 20.0302E

Site Name: Thomas Springs

DATE: 7/26/99 - 7/30/99

OBSERVER: Nettnin

Excess lumber, sand bags, and left over trapping material were taken from this site to the bone yard for salvage or disposal. The site was re-vegetated after completion of the channel project.

DATE: 5/1/00

OBSERVER: Darrow

Controls and gravel area look okay. Flow was about 1 CFS. Rises were observed on the pond. Did not see any fry downstream.

DATE: 10/29/00

OBSERVER: Darrow

Sedge clumps and grass were planted along banks in plank control reach. Vegetation is doing well and appears to be stabilizing the soil. Pond just recently started outflowing. There was a small beaver dam at the pond outflow control. Observed numerous rises on the lower pond.

DATE: 3/11/01

OBSERVER: Darrow

Outflow was better than expected due to record low precipitation this winter and early spring. Small beaver dam at outlet appears passable. Owner has regularly breached the dam. Controls and vegetation all looked good. Some rises in the lower pond. This site received a partial tote of coho carcasses from the Sol Duc Hatchery for nutrient enrichment.

DATE: 10/10/01

OBSERVER: Nettnin

Distributed salmon carcasses throughout the system for nutrient enrichment.

DATE: 10/21/01

OBSERVER: Darrow

Small beaver dam at the egress is not a fish barrier. Flow is presently low. Everything else is okay. Rises were observed on the pond.

DATE: 4/6/02

OBSERVER: Darrow

Everything looked okay. Observed rises on the lower end of the pond. Cleaned wood duck nest box. There were 10 unhatched eggs.

DATE: 12/18/02

OBSERVER: Powell

Everything looks okay. Did not see any signs of spawners.

GPS: (decimal degrees, Datum WGS84):
head end of channel - N47.92762, W124.53317

DATE: 4/24/03

OBSERVER: King

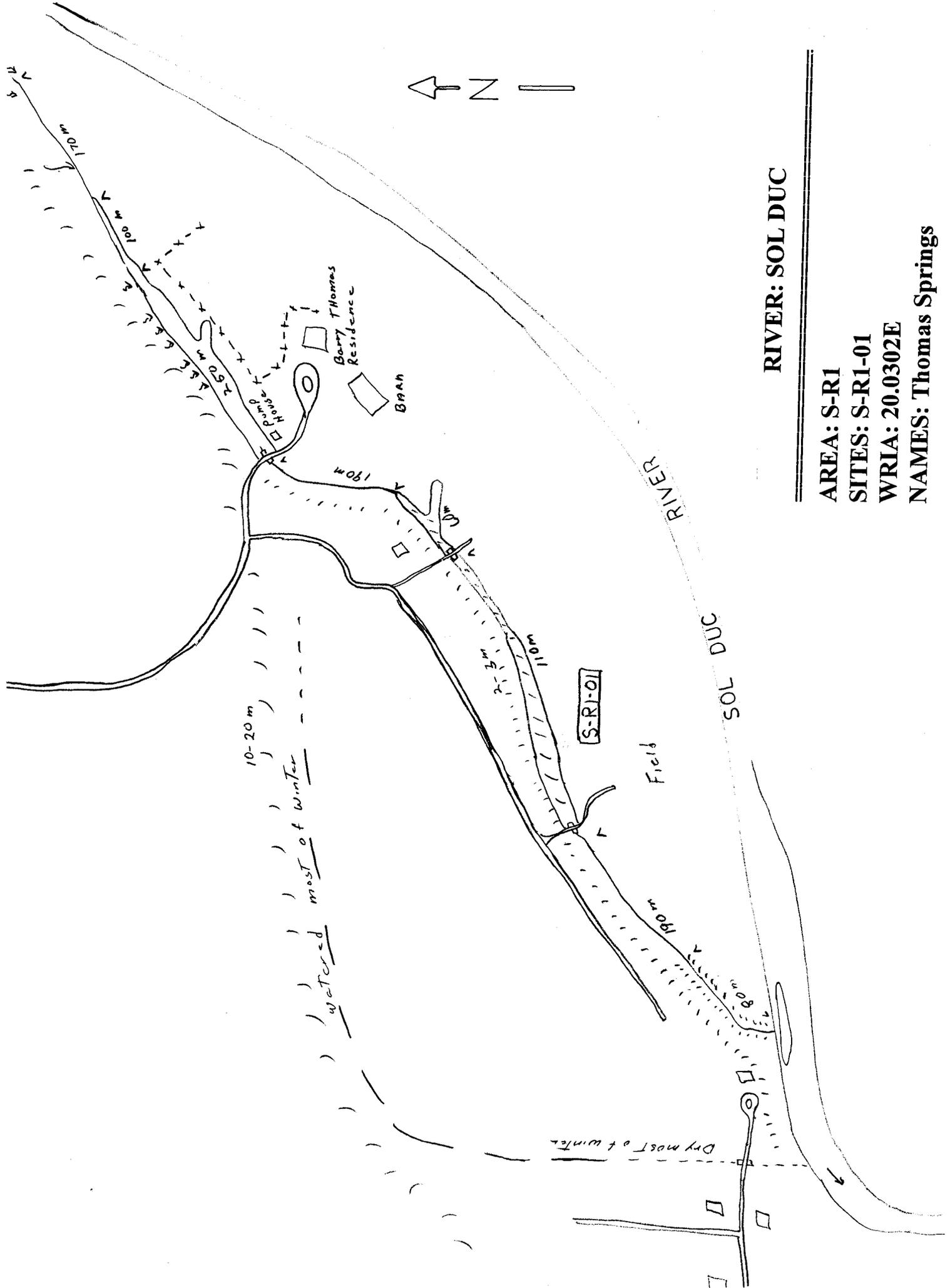
Logs have floated into upper weir but it is not a problem. Lots of smolts observed.

DATE: 10/24/03

OBSERVER: King

Major blow-out from recent heavy rain/flood event. River ran through site. Dike washed out. Controls are exposed. Need to leave as-is for now. Fish passage is good. Pond level is down but not gone.

DOC: S-RI-01



RIVER: SOL DUC

AREA: S-R1
SITES: S-R1-01
WRIA: 20.0302E
NAMES: Thomas Springs

DATE: 2/96

RIVER: SOL DUC RIVER

AREA: S-R1

AREA MAP

9/96

