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: 4/11/96

Site Identifier: S-L3-04

WRIA: 20.0319B

River Mile Location: 26.6 mi

RB/LB: LB

Local Name: Brandeberry Pond

Trib. to: 20.0096

Legal Description: SW¼ Sec2 T29N R13W

County: Clallam

Habitat Type: Terrace tributary

Landowner: () Federal () State () County () Other Government (X) Private
- Mike Brandeberry

Directions to site: Go north from Forks on Hwy 101 about 5.2 miles to Maxfield Road. Take a right on this road and follow to the end of the county road, 0.6 mi. There is gate that is usually open during daylight hours but it does have a DNR AA-8 Lock. Go through the gate and take the second left turn, 0.1mi. Follow this main road for 1.4 miles and there will be a road to your right. Take this right and follow this steep road to the top where there is another gate (0.7 mi) with AA-8 lock,. Just beyond this gate (0.2mi), there is a left turn; follow this washed out but driveable road to the bottom where it parallels the river. The road goes over a culvert, S-L3-04, before it ends in an alder patch.

Site Overview: This is a small channel with an easily missed egress due to the various barriers during average and low flows. The recently logged terrain circles and forms a basin around ~ 2/3 of a small pond, and runoff feeds this intermittent pond.

Habitat Information:

Water source:
- Surface runoff

Intermittent/year-around:
- Intermittent

Estimated flows (gpm): 50 - 70

Water temperatures: Did not take

Adjacent stream temperature: 8.5° C (20.0096)

Other water observations:

Site area measurements: () Indirect (X) Direct () Combination
Width: Channel- 0.3 - 0.6 m Pond- 3 - 10 m
Depth: Channel- 7 - 10 cm Pond- 0.3 - 0.6 m
Total length surveyed: 185 m

Total existing habitat area (est.): 115 m^2
Spawning area: 0 m^2
Impounded area: 1200 m^2
Other rearing area: 25 m^2

Spawning habitat conditions: (X) None () Poor () Fair () Good () Excellent

Describe spawning habitat:
- None.

Rearing habitat conditions: () None () Poor (X) Fair () Good () Excellent

Describe pond and other rearing habitat:
- Lower end of channel braids through a muddy channel with LOD.
- The channel has cover of LOD, and a canopy of alder and conifer.
- The shallow pond has water parlsey and sedges throughout
- The edges of the pond have LOD, sedges and skunk cabbage.
- This channel appears to be affected by low flows.

Unaccessible habitat:
- The egress may render this pond unaccessible.

Wetland information: () Bog (X) Marsh () Scrub-shrub Wetland () Forested Wetland
- This pond may have the appearance of a watered marsh during many months of the year due to its shallow depth.
- It has sedges, water parsley, and skunk cabbage.

Flooding potential: (X) Low (X) Medium () High

Fish Information:

Site entry condition to : (X) Poor () Fair () Good
- This channel egresses over a boulder strewn bank of the river.
- The egress flows subsurface through a clump of stumps and live trees.

Coho access and use: Juvenile- (X) Unknown () None () Poor () Fair () Good
Adult- () Unknown (X) None () Poor () Fair () Good

Other species access and use: () Chum () Pink () Sockeye () Res. trout () Trout
- It is unknown if any other species utilize this channel. Access and low flows may be the limiting factor.

Habitat Improvements:

Enhancement opportunities:
- Improve egress (close access available).
- Remove undersized culvert on deadend road.

Additional Comments:

- There is a ~1.5 ft culvert on a road crossing that is undersized for this system.

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

(X) Aerials	(X) Sketch	(X) Maps	( ) Culvert Report
( ) Other references	( ) Spawning surveys	( ) Juvenile trapping	( ) Fishway Report

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION

River System: Sol Duc

Site No.: S-L3-04
WRIA: 20.0319B
Site Name: Brandeberry Pond

DATE: 8-13-96 **OBSERVER:** Powell

On this date, the pond was dry. Sedges, grasses, and water parsley were prominent in the dry pond bed. It has been a drier than normal summer.

DATE: 2-16-97 **OBSERVER:** Darrow

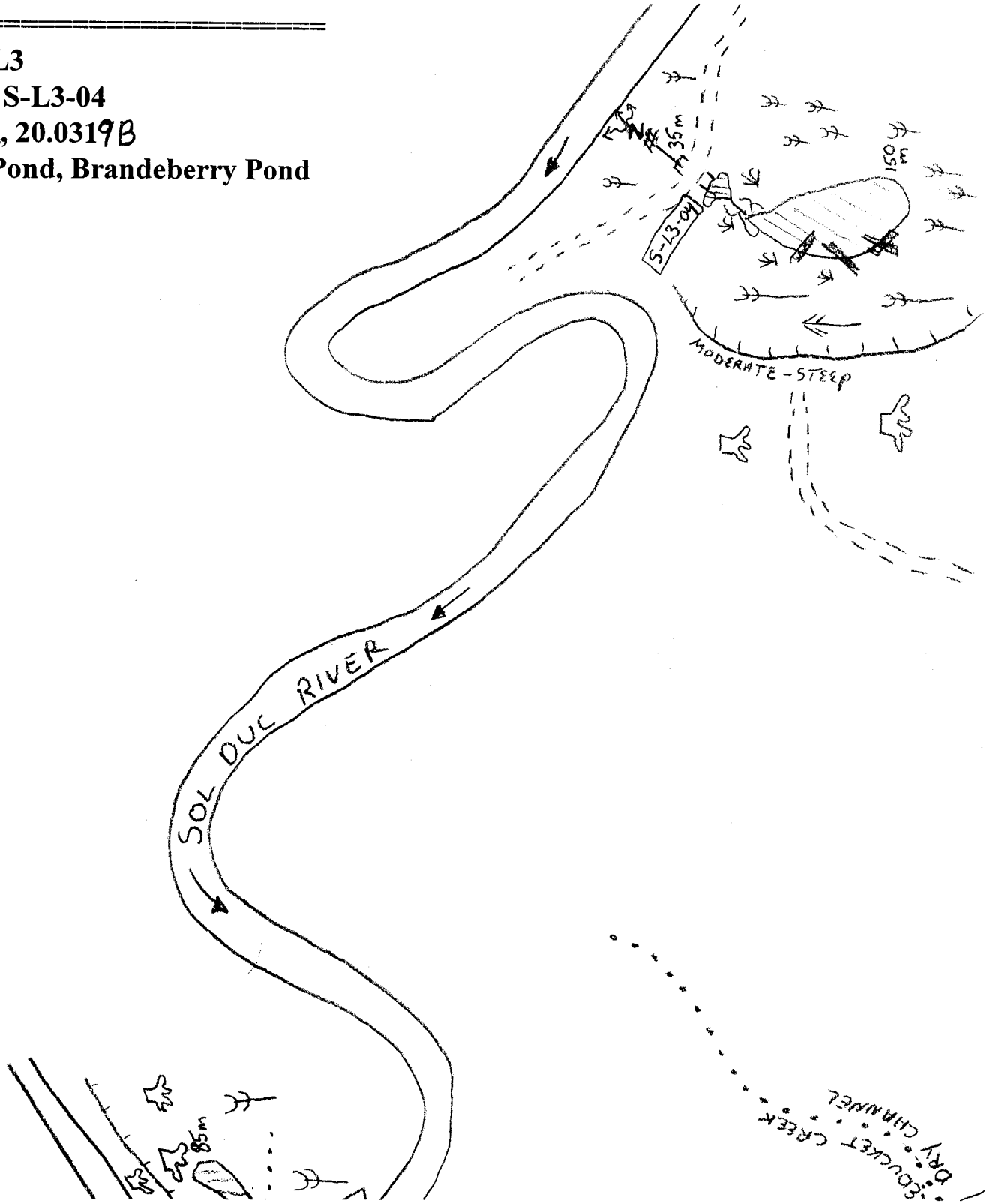
MINNOW TRAPPING REPORT

TRAP	DATE SET	TEMP	DATE PULLED	TEMP	CATCH COHO UMRK	COHO MRK	RBT	CUTT	COTTID
1	2/15	6.0°C	2/16	6.5°C	0	0	0	0	0
2	2/15	6.0°C	2/16	6.5°C	1	0	0	0	0
3	2/15	6.0°C	2/16	6.5°C	0	0	0	0	0
4	2/15	6.0°C	2/16	6.5°C	0	0	0	0	0
				TOTALS:	1	0	0	0	0

COMMENTS:
-Trap 1 was placed about 7 meters upstream from egress, where channel splits.
-Trap 2 was placed about 10 meters upstream of grade crossing.
-Trap 3 was placed in lower section of pond.
-Trap 4 was placed in mid section of pond - where it is the widest.

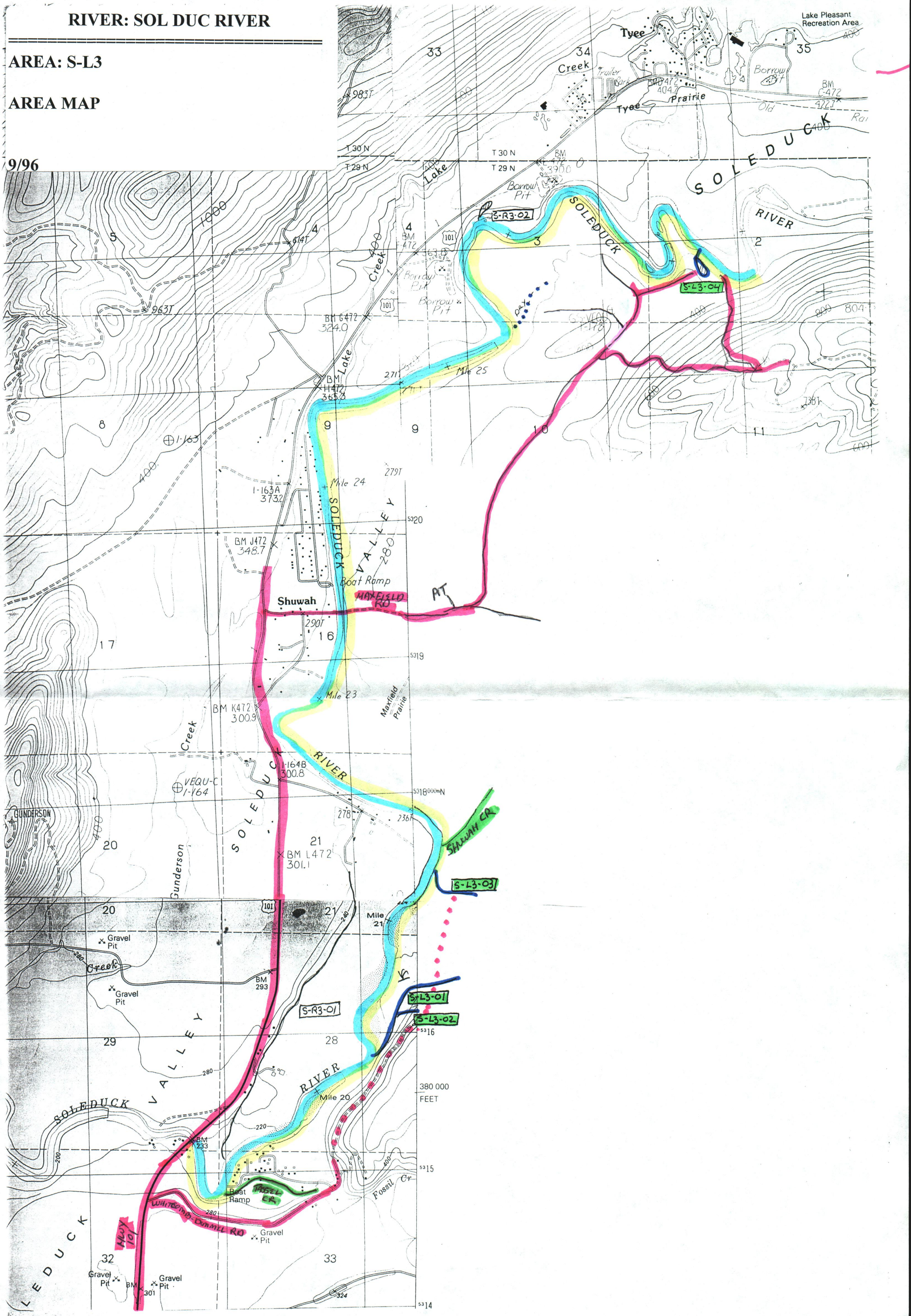
AREA: S-R3, S-L3
SITES: S-R3-02, S-L3-04
WRIA: 20.0319A, 20.0319B
NAMES: Small Pond, Brandeberry Pond

DATE: 4/96



RIVER: SOL DUC RIVER

AREA: S-L3

AREA MAP

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