

SITE NUMBER: H-L3-04
LOCAL NAME: Nolan Pond
WRIA: 20.0436A

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: Hoh River **DATE:** 7/7/87 **OBSERVER:** Young/Nettnin

CHANNEL TYPE: Overflow

TRIBUTARY TO: Hoh River (20.0422)

SITE LOCATION: L.B. @ R.M. - 7.0 - 8.8

LEGAL DESCRIPTION:

| | UPPER END | LOWER END |
|---------------------------------|----------------------|-----------|
| <u>WATER TEMP.:</u> | 53.5 ° | N.A. |
| <u>DISSOLVED OXYGEN:</u> | See attached sheets. | |
| <u>AIR TEMP.:</u> | 60 ° | N.A. |
| <u>FLOWS (CFS):</u> | < 0.25 | 3 - 4 |

SUBSTRATE TYPE: Not noted.

SITE SIZE: **Length-** Main channel = 1700 m. Tribs.= 880 m.
 Width- Water surface = 3 - 20'. Channel = 10 - 40'.
 Depth- 3" to 3. Some pool area may be deeper.

WATER SOURCE: Perk flow primarily.

DIRECTIONS TO SITE: West on logging road at mile post 171. Road leads to clearcut. Road crosses channel at foot of terrace.

FISH ACCESS AND CURRENT USE: No fry observed. Dark water color made observation difficult in lower channel. Access may be restricted at culvert near mouth of channel. Some trout were seen. Minnow traps were used on 7-20-87 (see attached sheet).

FLOODING POTENTIAL: Low to moderate.

LANDOWNER: Rayonier.

COMMENTS & RECOMENDATIONS: Channel appears to contain some prime overwintering and rearing potential. Tribs. H-L3-05 and H-L3-06 feed this channel from the left bank.

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

River System: Hoh

Channel No.: H-L3-04
Site Name: Nolan Pond
WRIA: 20.0436A

DATE: 7/20 - 7/22/87

OBSERVER: Young/Nettlin

MINNOW TRAPPING REPORT

| TRAP | DATE SET | TEMP | DATE PULLED | TEMP | COHO | CATCH | | | COTTID |
|----------------|----------|------|-------------|------|------|-------|------|----|--------|
| | | | | | | TROUT | | | |
| | | | | | | RBT | CUTT | 0+ | |
| 1 | 7/20 | N/A | 7/22 | N/A | 0 | 0 | 0 | 0 | 0 |
| 2 | 7/20 | N/A | 7/22 | N/A | 0 | 0 | 0 | 0 | 2 |
| TOTALS: | | | | | 0 | 0 | 0 | 0 | 2 |

COMMENTS: See map for trap locations. Traps were baited with OMP starter mash which was wrapped in a guaze and suspended in the trap.

DATE: 12/3/87

OBSERVER:

River flows fairly fast past mouth of channel. Could be hard to find. USGS gauge at 6.75'. Water running out of 2nd overflow channel.

DATE: 12/4/87

OBSERVER:

Upper channel where log road crosses in clearcut. Culvert was 1/3 full of clear water. Water was clear just below confluence of H-L3-05. USGS gauge at 5.65'. Water running out of 2nd overflow channel.

DATE: 12/6/87

OBSERVER:

Water running out of culvert and both overflow channels. USGS gauge at 9.2'.

DATE: 12/15/87

OBSERVER: Young

Site No. 1
Outlet to Nolan Pond
at U/S end of culvert

Time: 1130
Air Temp: 36 F
Water Temp: 43 F
D.O. (mg/l): 8.5

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

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Channel No.: H-L3-04
Site Name: Nolan Pond
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DATE: 12/22/87

OBSERVER: Young

| | | |
|--------------|---|---|
| | Site No. 1 | Site No. 2 |
| Location: | Outlet to Nolan Pond at U/S end of culvert | H-L3-04 between LB tribs D-2 and D-3 |
| Time: | 1245 | 1215 |
| Air Temp: | 40 F | 40 F |
| Water Temp: | 41 F | 41.5 F |
| D.O. (mg/l): | 10.0 | 12.0 |

Comments: Found a small spring with a 51 F water temp. On the LB at sample site no. 2 (just d/s of the beaver dam). See attached map for sample site locations. Took measurement at Nolan Pond TBMP.

| | | |
|--------------|--|--|
| | Site No. 3 | Site No. 4 |
| Location: | LB trib H-L3-D2 at D/S end of culvert | H-L3-D1 at D/S end of upper culvert |
| Time: | 1200 | 1145 |
| Air Temp: | 40 F | 40 F |
| Water Temp: | 40 F | 43 F |
| D.O. (mg/l): | 13.0 | 14.0 |

Comments: See attached map for sample site locations

DATE: 12/28/87

OBSERVER:

Pond level at TBM was 83". USGS gauge was 3.5'. Culvert is the only outlet at this flow. Beaver cuttings that were lodged in the culvert have moved to the outlet of the culvert which resulted in a lowering of the pond.

DATE: 1/13/88

OBSERVER:

Coho juveniles were found at the upper log road crossing in the clearcut. No coho were found below the culvert at the outlet of Nolan pond, but a few trout were caught.

DATE: 1/20/88

OBSERVER:

Gas saturation reading was 100% at upper road crossing in clearcut. Gas saturation reading was 99.8% at the lower pond.

DATE: 1/25/89

OBSERVER: Nettnin, Young

A minnow trap was set along the left bank of the upper pond approximately 100 to 150 ft upstream of the beaver dam (see attached map). The trap was baited with cluster eggs which were laid loose inside the trap. The trap was set in 12 to 14 inches of water near a large log.

A substantial left bank tributary enters near the upper end of the upper pond. This trib was not observed during the initial survey of the H-L3 area. The map of this area will be revised.

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

River System: Hoh

Channel No.: H-L3-04
Site Name: Nolan Pond
WRIA: 20.0436A

DATE: 1/27/89

OBSERVER: Young, Nettnin

Fished minnow trap that was set on 1/25/89 (see above). Trap fished approximately 48 hours. Captured 2 cutthroat trout and 14 sculpins. Trout were 8 to 10 inches in length.

Minnow trap was reset along the left bank of the upper pond approximately 50 ft upstream of the beaver dam (see map). The trap was set in 2 to 3 ft of water and about 1 ft from the bottom. A second minnow trap was set in channel H-L4-3 just upstream of the upper culvert (see map). This trap was placed in a small back eddy in about 9 inches of water. Both traps were baited with cluster eggs which were laid loose inside.

Electrofished a short section of H-L3-4 just upstream of the upper culvert (see map). Effort was about 200 to 300 shocker seconds. No coho were seen but 4 trout were captured.

DATE: 1/31/89

OBSERVER: Young, Nettnin

Fished minnow traps that were set on 1/27/89 (see above). Both traps had fished for approximately 90 hours. The trap in the upper pond did not catch any fish. Trap above culvert contained 16 sculpins. Traps were not reset.

DATE: 11/27/94

OBSERVER: Darrow

Large culvert at lower Nolan is 65-70% plugged with debris. It was determined that hand clearing would be too dangerous. Will request DN to check on. No fish were seen.

DATE: 12/6/94

OBSERVER: Nettnin

Culvert is plugged to the top. There is some water passing through, but most is flowing over the road in the swale beyond the culvert and reentering the channel just below the road. Fish migration is not blocked at this time.

DATE: 3/8/95

OBSERVER: Darrow/Nettnin

Culvert had become increasingly restricted over the past two seasons due to beaver activity. Silt and detritus had become compacted and solid due to aquatic plant root growth which made removal by hand tools, very difficult. During Jan-Feb 1995, D. O. T. used a backhoe to open it up. It was still open and fish passable on this date. Water very tannic colored. Did not see any surface activity.

Date: 11/2/95

OBSERVER: Powell/Darrow

Culvert is still clear of any beaver activity. Everything looked good. No fish were observed.

DATE: 4/1/96

OBSERVER: Darrow

Culvert is clear of beaver activity. Observed a fish rise on lower pond.

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

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DATE: 11/5/96

OBSERVER: Powell

Everything looks good, culverts are clear. Some old tires have been flung above and below the culver.

DATE: 4/23/97

OBSERVER: Powell, Nettnin, Darrow

Some small logs floated in front of culvert - we cleared away.

DATE: 9/26/97

OBSERVER: Nettnin/Powell

Culvert is open and accessible - no recent beaver activity.

DATE: 10/28/98

OBSERVER: Darrow

Pond was low but flowing through culvert. No recent beaver activity in area of culvert. A couple of small salmonids observed below culvert.

DATE: 4/5/99

OBSERVER: Darrow

No problems encountered, culvert was clear. Observed a couple salmonids darting for cover in pool below culvert. The culvert will be pulled later this spring.

DATE: 10/22/99

OBSERVER: Darrow

Culvert has been removed, vehicles now ford across. Flow from pond to Nolan Creek is moderate at this time. No restrictions or beaver problems were observed.

DATE: 11/15/99

OBSERVER: King

Culvert was removed by DOT in the summer of 1999. Ford looks passable.

DATE: 4/15/00

OBSERVER: Darrow

Good flow at crossing. Did not see any signs of beaver activity in the area. Observed a few fry downstream of the crossing.

DATE: 10/30/00

OBSERVER: Darrow

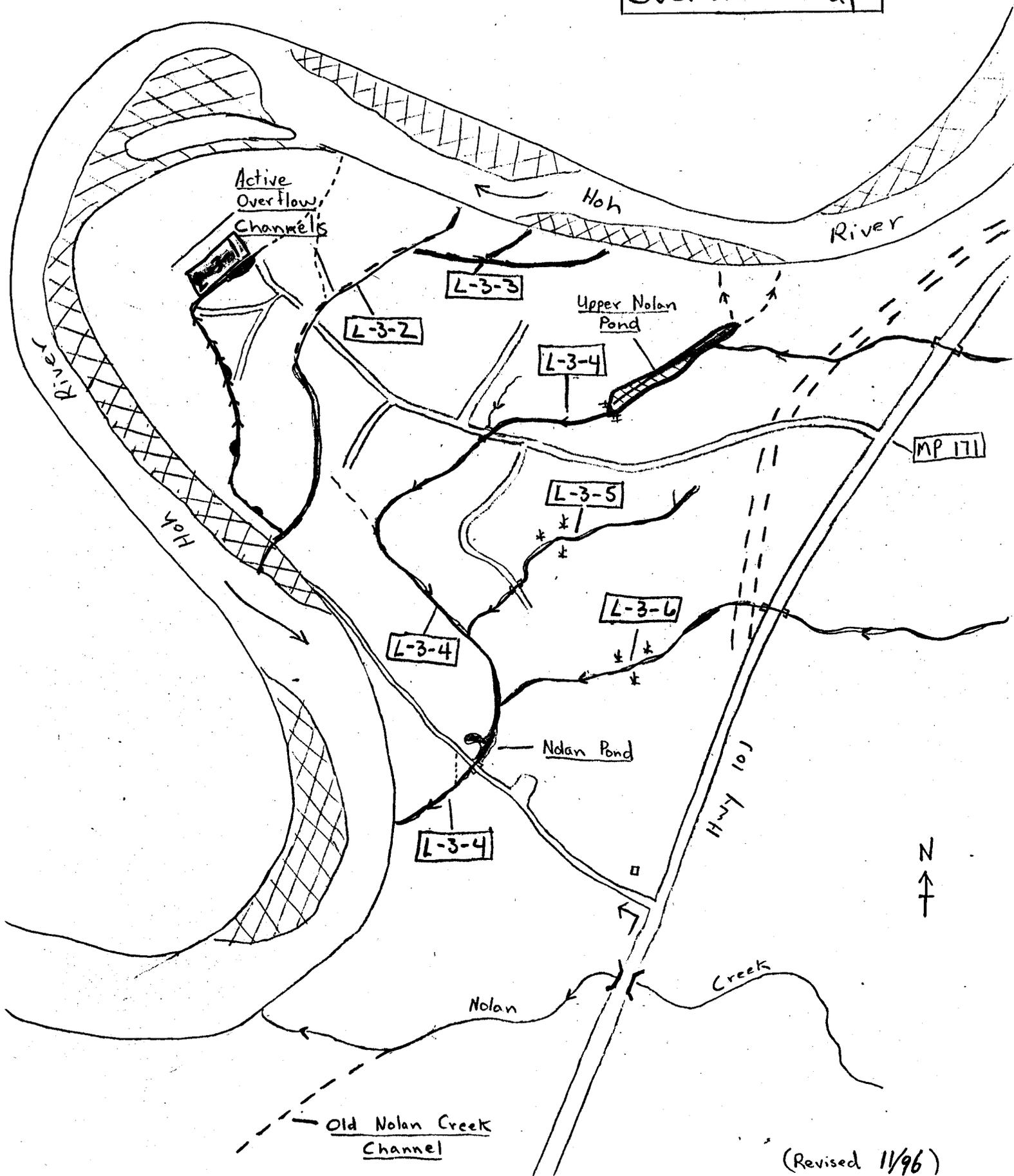
Since culvert has been pulled, there has been no beaver activity in the lower portion of the system. Presently, a healthy flow is coming out of the system.

DATE: 4/4/01

OBSERVER: Nettnin

Since culvert has been pulled - this system will no longer get biyearly project inspections.

Hoh River
Site: L-3
Overview Map



(Revised 11/96)

Hoh River
Site: ~~L-3~~ H-13
Site Map

