

LOCAL NAME:Thunder Field
SITE NUMBER: Q-L1-01
PRIORITY: Low

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: Quillayute DATE: 11/23/88 OBSERVER: Nettnin

CHANNEL TYPE: Inactive overflow channel (wall-based)

TRIBUTARY TO: Active overflow channel of the Quillayute R. (20.0096)

SITE LOCATION: River mile - 2.6 L.B.

	UPPER END	LOWER END
WATER TEMP.	44 - 46 F	42 F
AIR TEMP.:	37 F	40 F
FLOW (CFS):	< 0.25	0.25 - 0.5

SUBSTRATE TYPE: Silt and mud.

SITE SIZE: Length- 1490 m
Width- 1 - 2 m (excluding pond)
Depth (If possible)- 1 - 2 ft (excluding pond)

WATER SOURCE: Currently springs & runoff from the hillside. Some low velocity overflow water from the river seems probable.

DIRECTIONS TO SITE: Head north from Forks on Hwy 101. Turn left just beyond m.p. 193 (1.0 mile north of Forks) onto the La Push Rd. Stay on the La Push Rd. 8.7 miles until coming to the lower Bogachiel bridge. Continue west another 1.9 miles. Veer right onto a gravel road just as the La Push road begins a large bend to the south. Follow the gravel road down the hill to a locked gate. Q-L1-01 is located at the bottom of the hill and west of the access road.

FISH ACCESS AND CURRENT USE: No fish were actually observed in Q-L1-01. A few rings were seen on the pond. Beaver dams are present in the channel, but none appear totally impassable. The small amount of water currently flowing out of Q-L1-01 and into the active overflow channel does not seem likely to attract large numbers of fish.

FLOODING POTENTIAL: Moderate to low.

LANDOWNER: Olympic National Park and others.

COMMENTS & RECOMMENDATIONS: Q-L1-01 is located almost entirely inside the Olympic National Park. During periods of higher flow it appears Q-L1-01 becomes connected to channel Q-L2-01, which is located outside the park. Basic survey data was collected on Q-L1-01 primarily because of this relationship with Q-L2-01. (continued next page)

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COMMENTS & RECOMMENDATIONS: (continued) It appeared that improvements to that portion of Q-L1-01 located outside of the park (i.e. improving its connection with Q-L2-01) might increase fish access to that portion of Q-L1-01 located inside the park. However, the direction of flow in channel Q-L1-01 (i.e. away from Q-L2-01) seems to negate the possible benefit of connecting the channels. While a small increase in flow through Q-L1-01 might be realized by connecting the two channels, the increase in flow would probably not be sufficient to draw more fish into the channel. Any efforts to further connect the two channels may, in fact, reduce fish access into the much larger Q-L2-01.

If fish can find their way into Q-L1-01 it should offer excellent overwintering habitat. Fall planting might be considered here. Summer rearing appears doubtful due to assumed low summer flow.

SITE NUMBER: Q-L1-01
RIVER SYSTEM: Quillayute

(Thunder Field Pond)

POND DATA SUPPLEMENT

DATE: 11/23/88

	INLET	OUTLET
DISSOLVED OXYGEN:	(D.O. not taken this date)	
WATER TEMPERATURE:	45 F	42 F

POND SIZE:

LENGTH - 340 m
WIDTH - 60 m average
DEPTH - Estimate 4 - 6 ft max.

WATER SOURCE: Springs and small tribs from the hillside.

FISH ACCESS & CURRENT USE: While the pond appears to have fairly good fish access, the small amount of flow in the system is probably not sufficient to attract great numbers of fish into the pond. No fish were actually seen but a few rings were observed on the pond surface.

TYPE & AMOUNT OF IN POND COVER: Some LOD is present along the edges and in the lower, narrow end of the pond. Some sedge grass in the shallows. Steep, and overhanging banks along the middle and lower end of the pond. Water depth and dark color also provide significant cover.

COMMENTS & RECOMMENDATIONS: This is a very nice looking pond which may (or could) offer excellent overwintering habitat for juvenile coho. Some summer rearing may be possible here. The quality of summer rearing habitat, however, would probably be rather poor due to low summer flow. Current fish useage remains to be seen.

This pond lies entirely within the boundry of the Olympic National Park and therefore projects to improve fish usage in the pond are extremely limited. Fall planting of this pond may be a possiblity.

DESCRIPTION OF AN OFF-CHANNEL
SURVEY SITE WITH LITTLE OR NO POTENTIAL FOR
COHO REARING HABITAT IMPROVEMENTS

River System: Quillayute

Site No.: Q-L1

Survey Date: 12-88

Observer: Young/Nettnin

Description: Located at T.28 N., R.15 W. in sections 21, 22, 23, 26, 27 and 28, this site is situated on the left bank of the Quillayute River between RM 0.0 and 3.3. The entire Q-L1 area lies within the boundaries of the Olympic National Park and/or the Quileute Indian Reservation.

Since area Q-L1 is outside of WDF jurisdiction, no extensive rearing habitat surveys were conducted here. One channel and pond located just inside the park boundary was surveyed because of its apparent connection with another channel situated just outside the park in the adjacent Q-L2 area (see Q-L2-01). This channel was tentatively designated channel Q-L1-01 (see write up). Topographical maps and aerial photos indicate the existance of other ponds and channels within area Q-L1. Since these lie completely within the park, they were not investigated at this time.

