

Total existing habitat area (est.): 17,680+ m²

Spawning area: 9100 m²

Impounded area: 0

Other rearing area: 8580 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- Below the Cooper Ranch Rd culvert (the lowest reach), the channel is boulder/cascades.
- There are some stretches that contain quality gravel for coho spawning upstream from the Cooper Ranch Rd culvert to the lower mid reach of this system. The Quilute Tribe assumes some coho production takes place in this reach.
- The channel substrate from the mid reach to upper reach is mostly rock with some gravel and numerous boulders.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- This is channel experiences flushing flows.
- Tributaries feeding into this channel are high gradient.
- The lower- mid channel appears to lack LOD but it is abundant in the upper reach.
- This channel has areas of moderate gradient gain but the lower-mid reach is a flat, alder bottom.
- Pools are formed by boulder or woody debris plunges.
- This channel has mostly an alder and brush RMZ with conifers on the steep, sloughing side slopes.
- Turbidity has been a reported problem.

Describe unaccessible habitat:

- Steep boulder/cascade egress over an alluvial area may be a barrier during low flows.
- Lower channel has been reported to go dry during some summer months.

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

- None

Flooding potential: Low Medium High

- None

Fish Information:

Site entry condition to (Sol Duc River 20.0096): Poor Fair Good

- This channel empties through an alluvial area then into a slight bend in the river.

Coho access and use:

Juvenile- Unknown None Poor Fair Good

Adult- Unknown None Poor Fair Good

- The Quilute Tribe assumes some coho spawning takes place in this system.
- Access is limited to higher flows due to the egress.

Other species access and use: Chum Pink Sockeye Chinook Trout

- Quilute Tribe assumes some limited steelhead spawning takes place in this system.

Habitat Improvements:

Enhancement opportunities:

- Maintain integrity of system.

Additional Comments:

- Steep side slopes along system have a loose aggregate - they slough easily, and turbidity has been a reported problem.

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

DATE: 8-28-97

OBSERVER: Powell

We have had ~ 6 weeks of dry weather; the egress of this stream was dry in the first half of August. We recently had ~ 2 inches of rain and the channel was trickling over the boulders at the egress, and there was ~ 1.5 cfs at the Forest Service road crossing.

