

Total existing habitat area (est.): 2745+ m²

Spawning area: 745 m²

Impounded area: 0 m²

Other rearing area: 2000 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- The lower reach has some areas for limited adult spawning.
- The gravel quality is good in the lower reach and it has optimum resting pools.
- As the channel becomes incised (lower mid reach), there is a larger component of boulder and cobble. Gradient and limited spawning area is conducive to resident trout.
- The mid to upper reaches offer spawning gravel (varying amounts of fines) but the preceding gradient and obstacles would exclude most anadromous salmonids.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- The lower reach has excellent pool habitat formed by an abundance of large, woody debris. Both coho fry and yearlings were observed utilizing the cover.
- Cover is also provided by small woody debris, overhang and brush.
- The riparian area is a mix of mature alder and conifer.
- The gradient becomes increasingly steep (up to 12%) as the channel becomes entrenched. Bedrock becomes apparent.
- Upstream of this reach, the slopes moderate and the gradient drops to ~ 7%.
- The mid and upper reach has large woody debris and brush for cover. There is a riparian of alder with conifer along the slopes.

Describe unaccessible habitat:

- Sloughing of unstable banks in the incised reach, debris drops and gradient make the lower mid reach questionable for passage.

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

Flooding potential: Low Medium High

- This channel appears to have occasional flushing flows.

Fish Information:

Site entry condition to (20.0329): Poor Fair Good

- There is an open egress into Bear Creek.

Coho access and use:

Juvenile- Unknown None Poor Fair Good

Adult- Unknown None Poor Fair Good

- Numerous coho fry were observed in the lower reach during the survey.
- Yearling coho were observed the lower reach pools.
- There are a few areas that would support limited spawning.

Other species access and use: Chum Pink Sockeye Chinook Trout

- Numerous trout were observed throughout the system during the survey.

Habitat Improvements:

Enhancement opportunities:

Additional Comments:

- The culvert on the FS 30 Road (50 m from egress) is a new arch (~1997).

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 checked="" type="checkbox"/> Culvert Report |
| <input checked="" type="checkbox"/> Other references | <input type="checkbox"/> Spawning surveys | <input type="checkbox"/> Juvenile trapping | <input type="checkbox"/> Fishway Report |

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

124° 07' 30" W
7' 30"

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1220000 FEET

2' 30"

5'

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