

Bernhardt Creek Drainage



General location

General characteristics

7th field huc id = 171 00206080403

Parent watershed = LOWER SIUSLAW RIVER

Total acreage = 4044

Maximum elevation = 418 feet

Minimum elevation = 0 feet

Ecological Capital

15 percent of the catchment has potential to contribute lwd to the aquatic system

50 percent of the stream system has adequate shading

40 percent of the riparian area is in good condition

8 miles of stream have inherently good coho spawning and rearing habitat

224 acres of potential or existing wetlands are present within the catchment

Potential Threats

There are 24 points where roads cross over fish bearing streams

Riparian road density = 0.40 miles per square mile

Mid-slope road density = 0.39 miles per square mile

1 percent of the catchment is considered to have a high potential of land slide occurrence

Ownership Patterns

less than 1 percent of the catchment is private non-industrial

24 percent of the catchment is private industrial

66 percent of the catchment is federally owned

8 percent of the catchment falls on other public lands



 Anadromous fish bearing streams

 Potential problem culverts

 In-stream habitat and wetland restoration / revegetation projects

Notes

The catchment is dominated by moderate or low gradient confined or moderately confined channel habitat types. A total of 6.30 miles of stream are considered anadromous fish bearing and 2.87 miles of stream have digitized habitat surveys. A total of 4.31 miles of spawning surveys have been conducted since 1990 reflecting relatively moderate numbers of coho spawners. No snorkel surveys have been conducted in this catchment.

There is most likely sufficient lwd production and input into the aquatic system. The location of lwd sources should be identified and efforts should be made to maintain production.

Stream temperatures may be high due to the high percent of streams exposed to direct sunlight. Streamside shading is most likely limiting water quality for fish habitat.

Because of high fish productivity and high amounts of ecological capital this catchment has high potential to be an anchor habitat and should be evaluated in greater detail