

# Big Canyon Creek Drainage



*General location*

## *General characteristics*

*7th field huc id = 171 0020601 0702*

*Parent watershed = UPPER SIUSLAW RIVER*

*Total acreage = 6149*

*Maximum elevation = 602 feet*

*Minimum elevation = 83 feet*

## *Ecological Capital*

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

*46 percent of the stream system has adequate shading*

*34 percent of the riparian area is in good condition*

*5 miles of stream have inherently good coho spawning and rearing habitat*

*68 acres of potential or existing wetlands are present within the catchment*

## *Potential Threats*

*There are 98 points where roads cross over fish bearing streams*

*Riparian road density = 1.00 miles per square mile*

*Mid-slope road density = 0.89 miles per square mile*

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



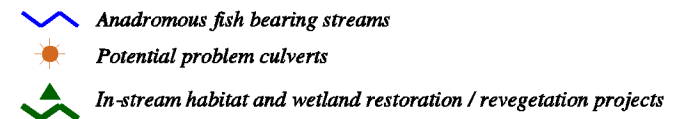
## *Ownership Patterns*

*10 percent of the catchment is private non-industrial*

*48 percent of the catchment is private industrial*

*40 percent of the catchment is federally owned*

*less than 1 percent of the catchment falls on other public lands*



## *Notes*

*The catchment is dominated by low or moderate gradient unconfined streams, floodplain or estuarine channel habitat types. A total of 14.81 miles of stream are considered anadromous fish bearing and 2.15 miles of stream have digitized habitat surveys. A total of 12.43 miles of spawning surveys have been conducted since 1990 reflecting relatively low numbers of coho spawners.*

*A total of 0.05 miles of snorkel surveys have been conducted reflecting relatively low numbers of juvenile coho.*

*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.*

*This catchment has low potential for consideration for anchor habitat status*