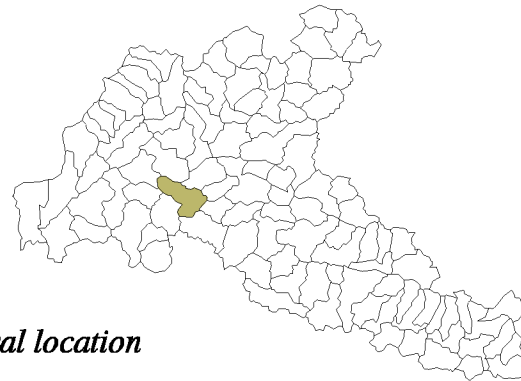


# Knowles Creek Drainage



*General location*

## *General characteristics*

*7th field huc id = 171 00206080204*

*Parent watershed = LOWER SIUSLAW RIVER*

*Total acreage = 5 969*

*Maximum elevation = 457 feet*

*Minimum elevation = 3 feet*

## *Ecological Capital*

*13 percent of the catchment has potential to contribute low to the aquatic system*

*47 percent of the stream system has adequate shading*

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

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

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

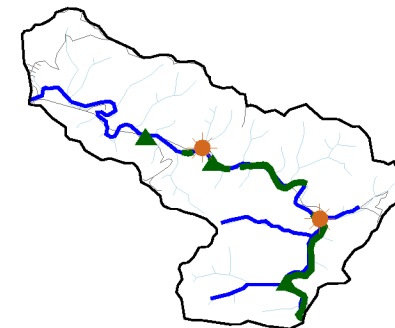
## *Potential Threats*

*There are 49 points where roads cross over fish bearing streams*

*Riparian road density = 0.71 miles per square mile*

*Mid-slope road density = 0.42 miles per square mile*

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



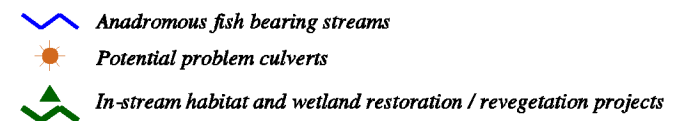
## *Ownership Patterns*

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

*63 percent of the catchment is private industrial*

*14 percent of the catchment is federally owned*

*10 percent of the catchment falls on other public lands*



## *Notes*

*The catchment is dominated by moderate or low gradient confined or moderately confined channel habitat types. A total of 10.09 miles of stream are considered anadromous fish bearing and no miles of stream have digitized habitat surveys. A total of 10.51 miles of spawning surveys have been conducted since 1990 reflecting relatively moderate numbers of coho spawners. A total of 8.06 miles of snorkel surveys have been conducted reflecting relatively low numbers of juvenile coho.*

*Due to lack of large diameter trees in the riparian area or directly contributing to the aquatic system, large woody debris in the stream system is most likely in short supply.*

*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 moderate amounts of ecological capital this catchment has some potential for consideration of anchor habitat status*