

## HOW TO Locate a Stream Protection Zone

In recognition of their ability to protect and maintain high water quality, the riparian areas and wetlands of Idaho's forested watersheds have earned special protection in the IFPA Rules, called *Stream Protection Zones* (SPZs).

**Streams** are defined as natural water courses of perceptible extent with definite beds and banks which confines and conducts continuously or intermittently flowing water. Definite beds are defined as having a sandy or rocky bottom which results from the scouring action of water flow. Any reference in these rules to Class I streams shall also apply to lakes.

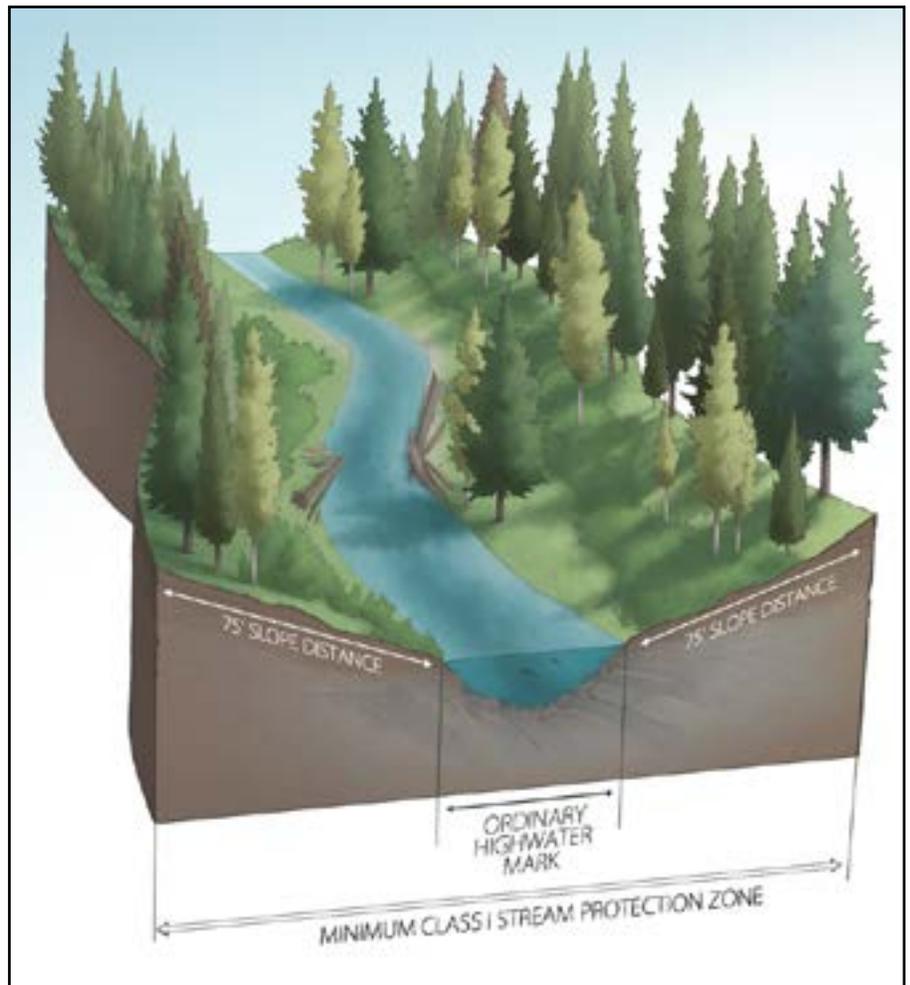
Perennial streams are usually easy to locate, but intermittent and ephemeral streams and their SPZs can be more difficult to identify, especially during dry periods. To ensure that equipment operators are clear about protection boundaries, SPZs should be clearly marked at frequent intervals with plastic flagging, paint or signs.

Work with your local **IDL Forest Practices Advisor** if at all uncertain about where SPZ boundaries should be.

**Class I streams** are used for domestic water supply or are important for the spawning, rearing or migration of fish. Such waters shall be considered to be Class I upstream from the point of domestic diversion for a minimum of one thousand three hundred and twenty (1,320) feet.

**Class I Stream Protection Zone** means the area encompassed by a slope distance of seventy-five (75) feet on each side of the ordinary high water marks.

**Ordinary High Water Mark.** That mark on all water courses, which will be found by examining the beds and banks and ascertaining where the presence and action of waters are so common and usual, and so long continued in all ordinary years as to mark upon the soil a character distinct from that of the abutting upland, in respect to vegetation, as that condition exists on the effective date of this chapter, or as it may naturally change thereafter.



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**Class II streams** are usually headwater streams or minor drainages that are used by only a few, if any, fish for spawning or rearing. Where fish use is unknown, consider streams as Class II where the total upstream watershed is less than two hundred and forty (240) acres in the north forest region and four hundred and sixty (460) acres in the south forest region. Their principle value lies in their influence on water quality or quantity downstream in Class I streams.

**Class II Stream Protection Zone** means the area encompassed by a minimum slope distance of thirty (30) feet on each side of the ordinary high water marks. For Class II streams that do not contribute surface flow into Class I streams, provide soil stabilization and water filtering effects by leaving undisturbed soils in widths sufficient to prevent washing of sediment. In no case shall this width be less than five (5) feet slope distance on each side of the ordinary high water marks.

