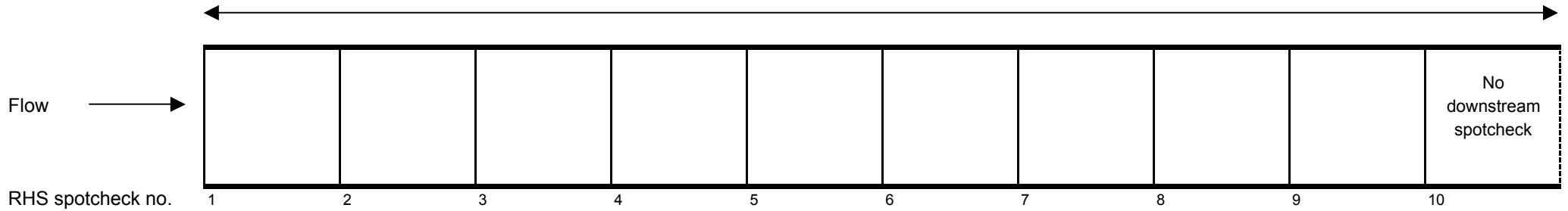


RHS will take place over a 500m section divided by ten transect lines where spotchecks will be taken. The predominant substratum between each spotcheck will be recorded.



**The conceptual locations of the STAR sampling areas for each of the five recorded "features" at each STAR sample site.**

**Indications of the type and location of the substratum estimates are also given.**

Fish sampling, using CEN-based protocols, will take place in the middle of the RHS section. The maximum fished length is likely to be 100m and fishing should take place between RHS spotchecks 4 and 6. If a longer fishing length is needed, the fished section should be extended upstream only. For preference the fishing section should be stop-netted, although this is not essential. The FAME sampling method seems to require substratum sampling so this should be recorded using the same units and categories as in the AQEM protocol.

The AQEM sampling section is between RHS spot checks 8 and 10.

In practice, as described by Steffi, a suitable AQEM sampling section should be selected, containing both runs and riffles. The 100m AQEM macro-invertebrate sample should be centred on RHS spotcheck 9 and, at this point, should be on the predominant flow type (run or riffle) over the 100m.

AQEM substratum estimation will take place in this section.

The national macro-invert sample should be taken in the same 100m section. The AQEM sample should be taken first.

The macrophyte survey should be between RHS spotchecks 6 and 8. It will cover 100m.

The substratum in the survey area for macrophytes should be recorded using the same units and categories as in the AQEM protocol

The phytobenthos samples should be taken in the same 100m section

No substratum estimation needed for phytobenthos