

# flowing water ecosystems.

## **background research.**

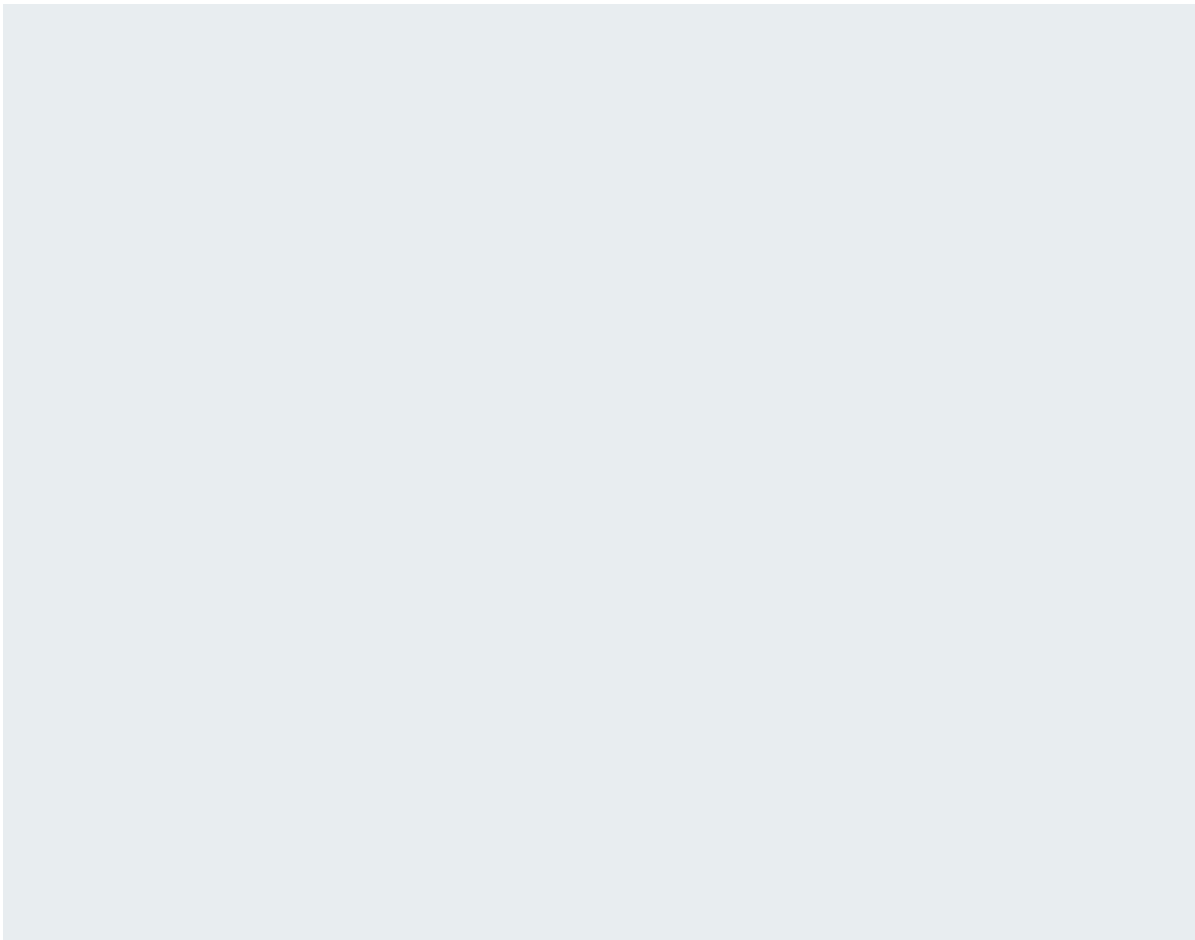
What are the length and width of the watercourse? how deep is the bed, and how does this vary?

How much does the volume and rate of flow change seasonally? Is the flow present year-round?

What regulations regarding riparian areas does the jurisdiction have? Look especially for different types of setbacks.

Is it a fish-bearing stream or river? Any species of note? (note especially salmon-bearing streams and rivers.

Is this body of water used for recreation? (eg. fishing, paddling?)



**on site.**

Is there evidence of erosion, washouts, or bank collapse?

If safe, visit during a rain event. How does the flow of the water change compared to a sunny day visit?

Is there evidence of water pollution? Is the water clear or cloudy? Is there floating material in the water?

Is the bed of the river or stream rocky, gravelly, sandy, or muddy, silty, or clay?

Are there plants present near the flowing water that are not present elsewhere on site? Catalogue these.

How do plants interface with the stream or river? Do they hang over the water, grow in the water, or hold the bank with their roots?

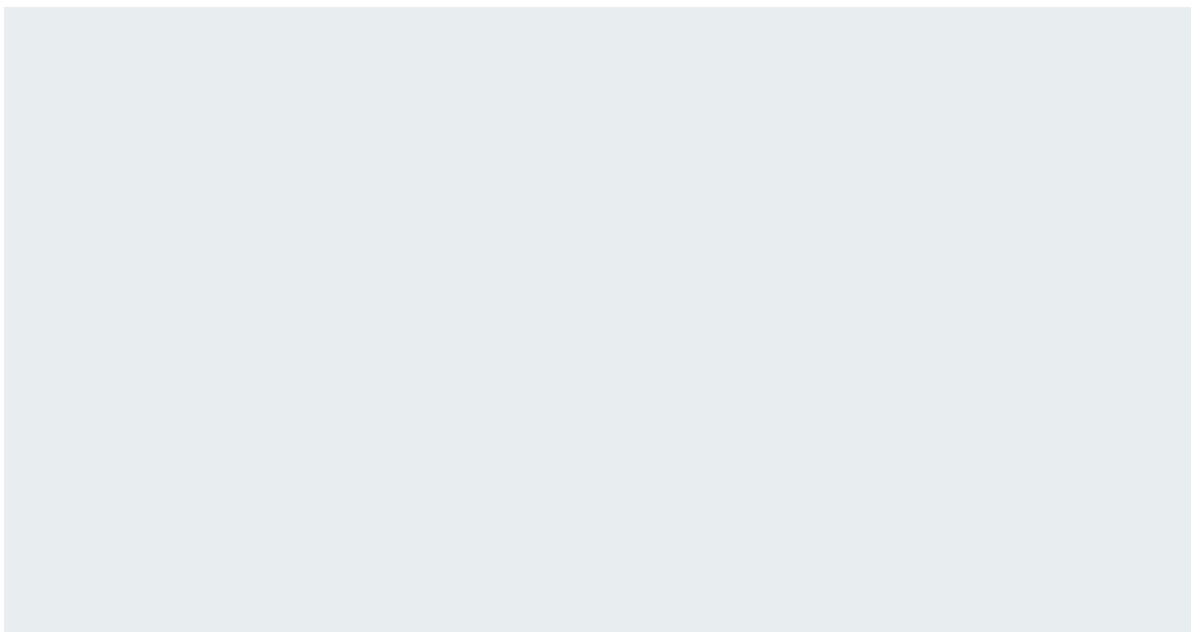
Note the presence of any animals in or around the flowing water.

Is the stream or river bank easy and safe to access?

Has the stream or river been channelized?

Does the flowing water enter or emerge from a culvert or piping on or near site?

Is there evidence on site of the stream or river following a different route? Note these and compare with any available historical imagery or aerial views.



*additional notes here.*

