

Stream Health Assessment Worksheet

Name of stream:.....

Date:.....

Location (site name):.....

Student names:

Hypothesis (prediction):

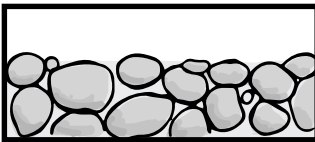
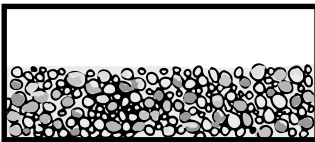


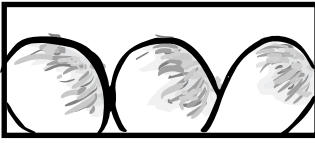



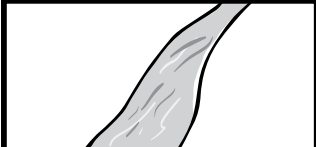

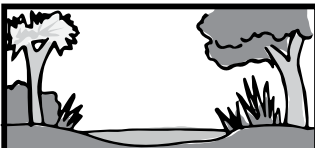


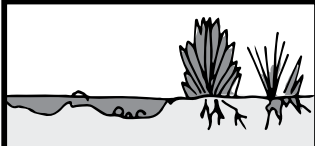
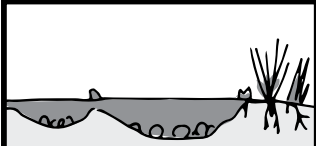
We think the mauri (life force/health) of the stream, and the life within will be:

Excellent / OK / Poor (circle one) because:

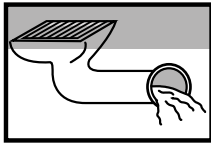
1.

2.

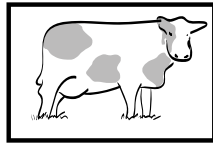
Walk along the selected stretch of stream and assess which picture below best represents the stream

Stream habitat	Excellent	OK	Poor
Stream bed	 Stones	 Gravel	 Mud/Sand
Algae	 Thin layers	 Medium layers	 Long layers
Pool/riffle/run	 Pool, riffles and runs present	 2 of the 3 (run/riffle/pool present)	 Only runs or only pools
Stream shading	 Mostly shaded	 Some shade	 No shade
Bank stability	 Stable banks	 Some erosion	 Very unstable

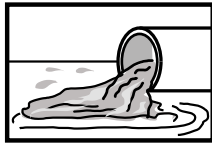
Human impacts



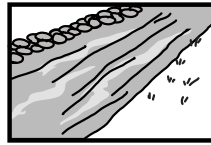
Stormwater drains or pipes



Animals in stream



Culverts

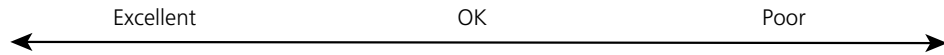


Straightened streams

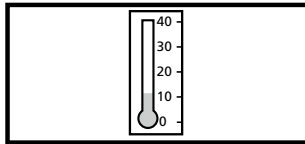


Weirs or barriers

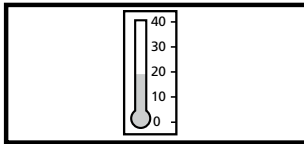
Water Quality



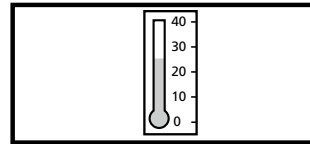
Water temperature



Less than 10°C

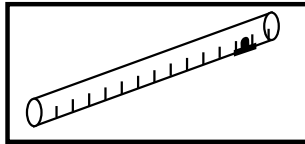


10°C to 20°C

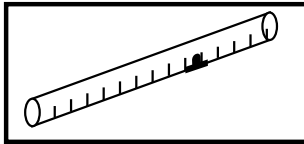


More than 20°C

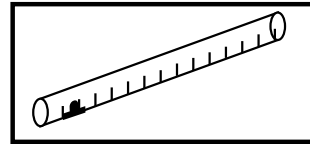
Water clarity



70 to 100cm

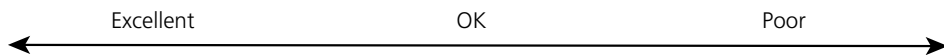


30 to 70cm

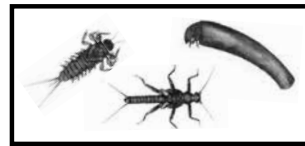


0 to 30cm

Aquatic animals



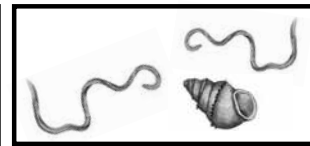
Invertebrates



Number 4 and 3 animals like caddisflies, mayflies and stoneflies



Number 2 animals like beetles and damselflies



Mainly worms, snails and flies

Conclusion:

We think the water quality and habitat for animal in this stream is:

Excellent / OK / Poor (circle one)

because of the following reasons:

1.....

2.....