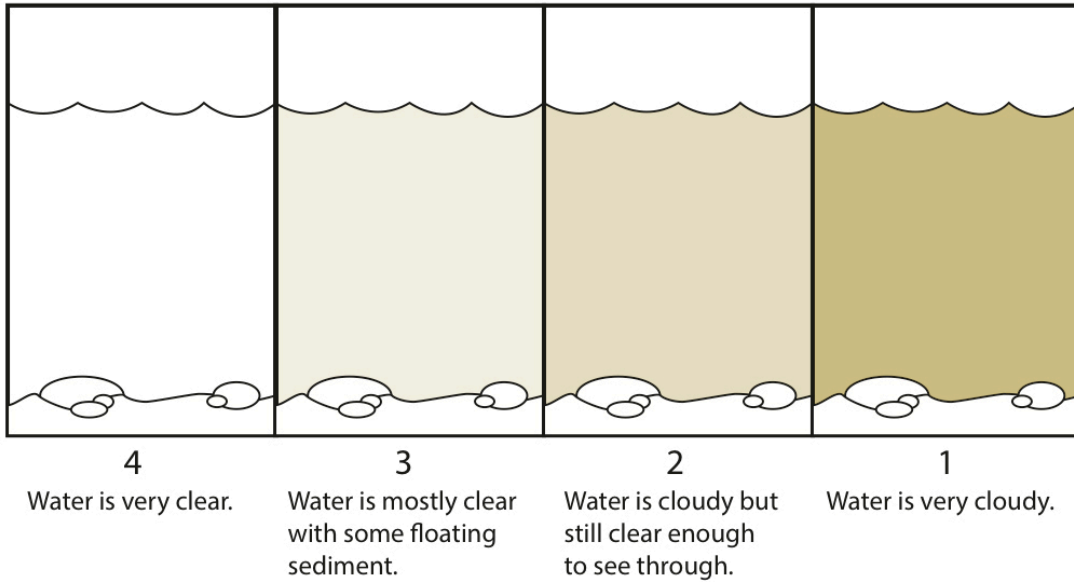


1. Turbidity

Description: A measure of how clear or cloudy the stream water is.

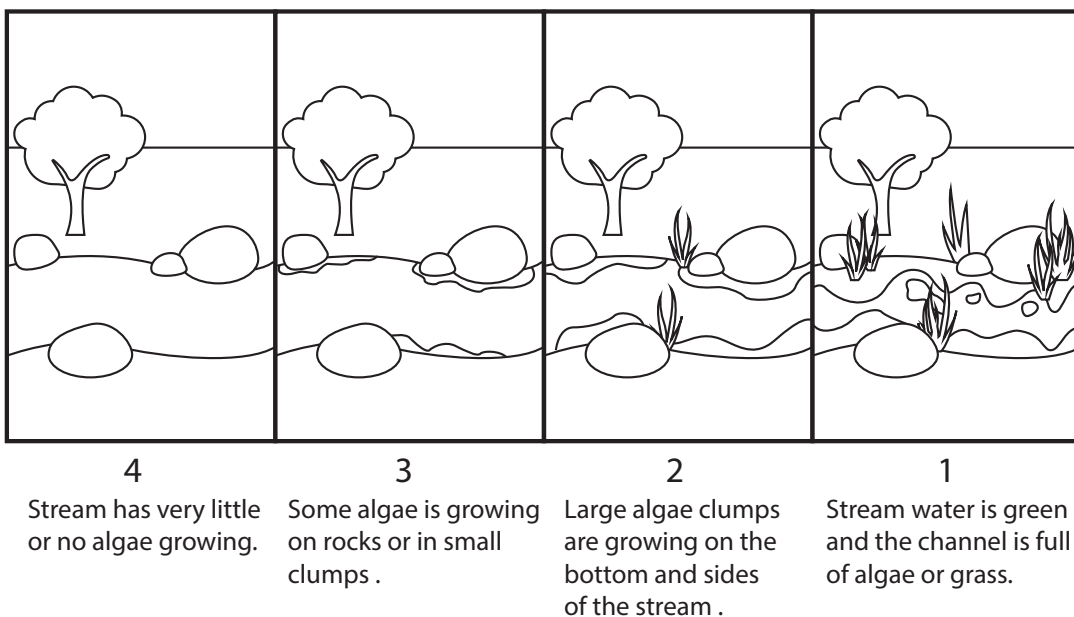
Use the diagram below to help you measure turbidity in the stream.



2. Plant and Algae Growth

Description: A measure of how much algae is growing in the stream.

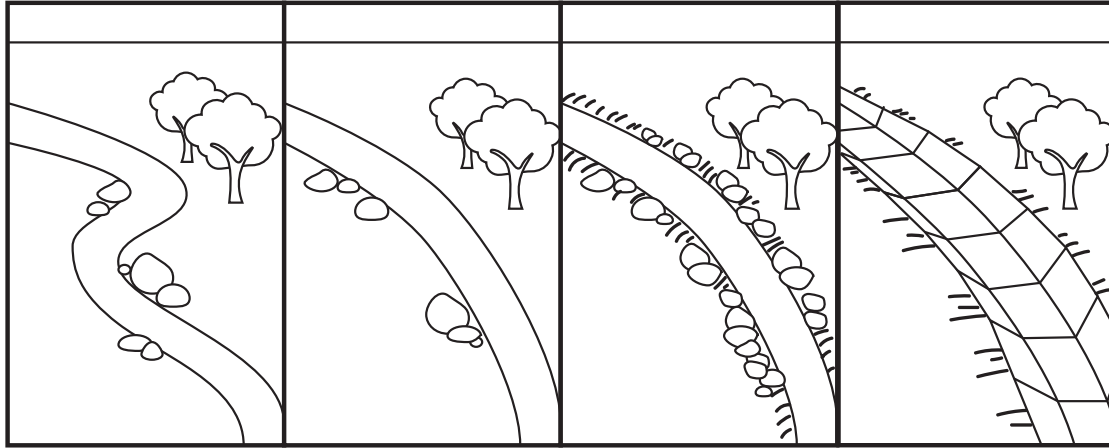
Use the diagram below to help you measure algae growth in the stream.



3. Channel Condition

Description: A measure of how much humans have changed the natural stream channel.

Use the diagram below to help you measure channel condition in the stream.



4

Stream channel is completely natural.

3

Stream channel has been straightened by humans but concrete has not been added.

2

Stream channel has had rocks or concrete added to the banks only (not the bed).

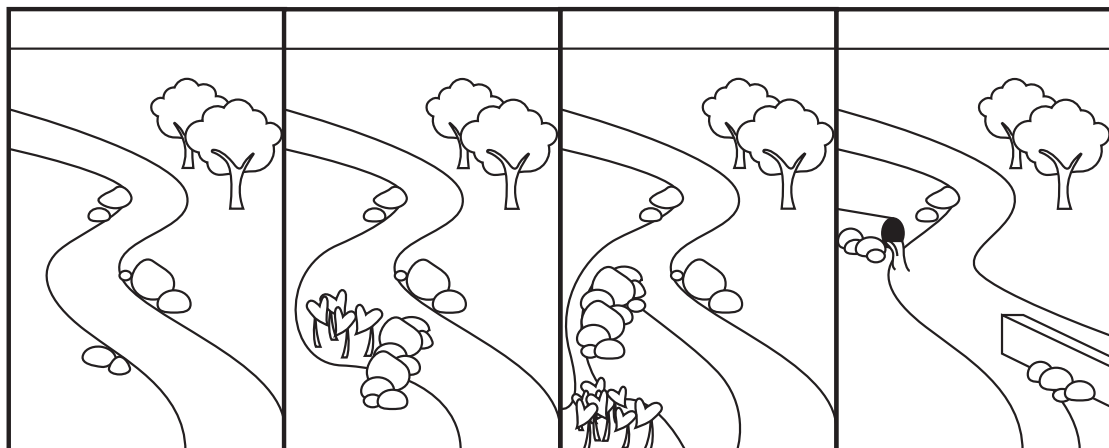
1

Stream banks and bed of the channel are concrete.

4. Channel Flow Alteration

Description: A measure of how much water is being added or taken away from the stream.

Use the diagram below to help you measure channel flow alteration in the stream.



4

Channel flow is natural.

3

Channel flow has changed but no water is being withdrawn.

2

Water is being withdrawn from the channel flow in small amounts.

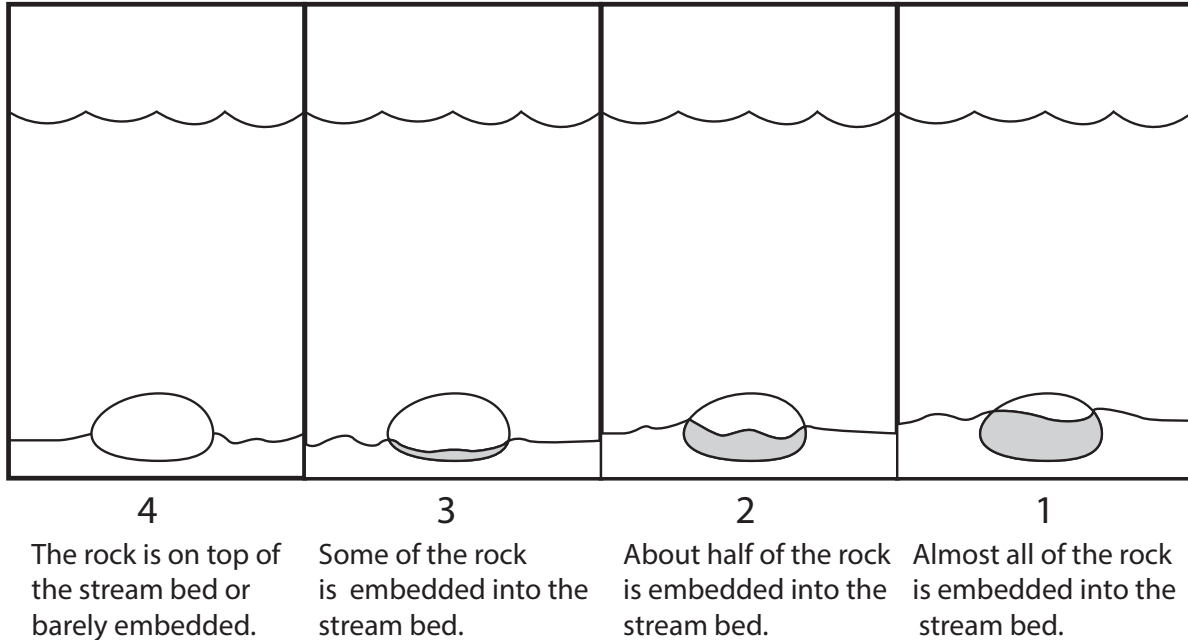
1

Water is being added to the channel flow from unnatural sources or constantly withdrawn.

5. Percent Embeddedness of Rocks

Description: A measure of how much rocks are buried in sediment in the stream.

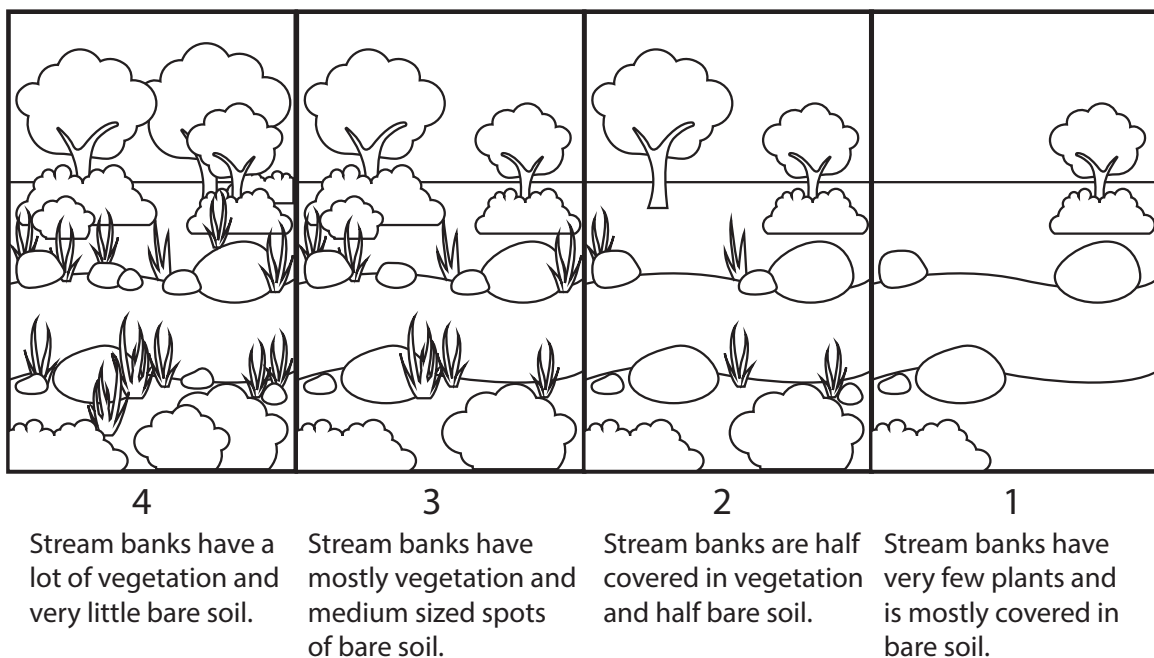
Use the diagram below to help you measure percent embeddedness in the stream.



6. Bank Stability

Description: A measure of how stable the stream banks are against erosion.

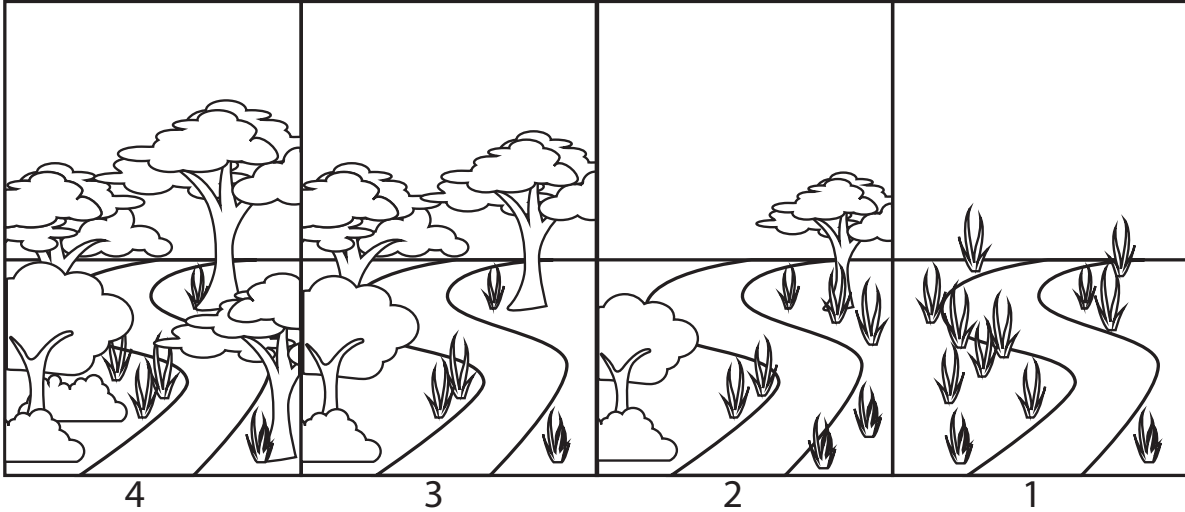
Use the diagram below to help you measure bank stability in the stream.



7. Canopy Shade

Description: A measure of how much shade the stream receives from overhanging trees.

Use the diagram below to help you measure canopy shade in the stream.



4
Most of the stream is covered by a canopy that has different types of trees forming it.

3
Half of the stream gets shade from a canopy.

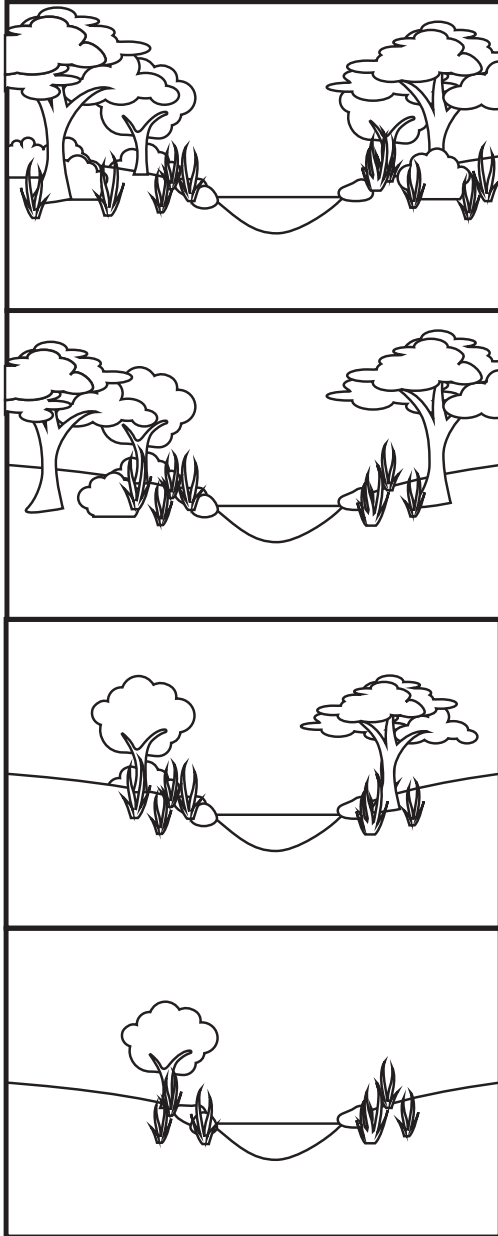
2
There is very little shade from a canopy or shade is only found in certain areas.

1
There is no shade from a canopy.

8. Riparian Width and Condition

Description: A measure of the width and types of vegetation in the riparian area.

Use the diagram below to help you measure riparian width and condition in the stream.



4

The riparian area is very large and filled with many different types of vegetation.

3

The riparian area is at least three times the width of the stream and filled with different types of vegetation.

2

The riparian area is at least twice the width as the stream and has some different types of vegetation.

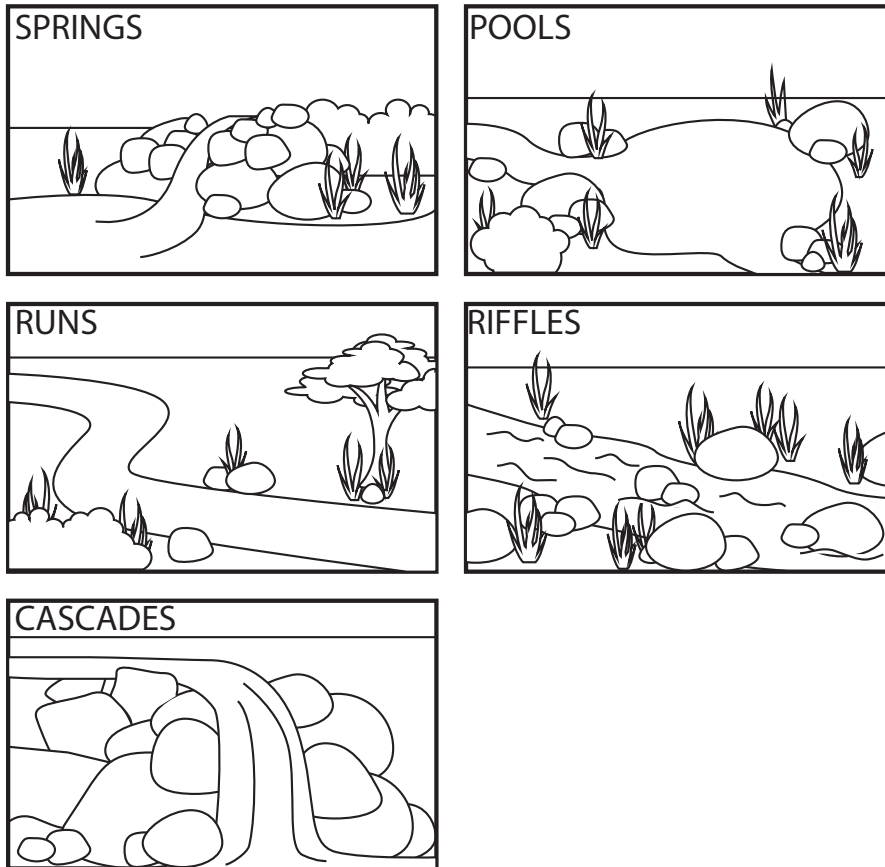
1

The riparian area is very small (about the width of a stream or less) with similar types of vegetation.

9. Habitat Available for Native Species

Description: A measure of how many different types of habitats there are for native species.

Use the diagram below to help you measure habitats in the stream.



4

All five types of habitats are available.

3

Four types of habitats are available.

2

Three types of habitat are available.

1

One or two types of habitat are available.

10. Litter and Trash

Description: A measure of how much litter and trash in the stream.

Use the table below to help you measure litter and trash levels in the stream.

4	3	2	1
No litter or trash visible!	Less than a handful of litter or trash	Two handfuls of litter or trash	Large trash items; More than three handfuls of litter or trash