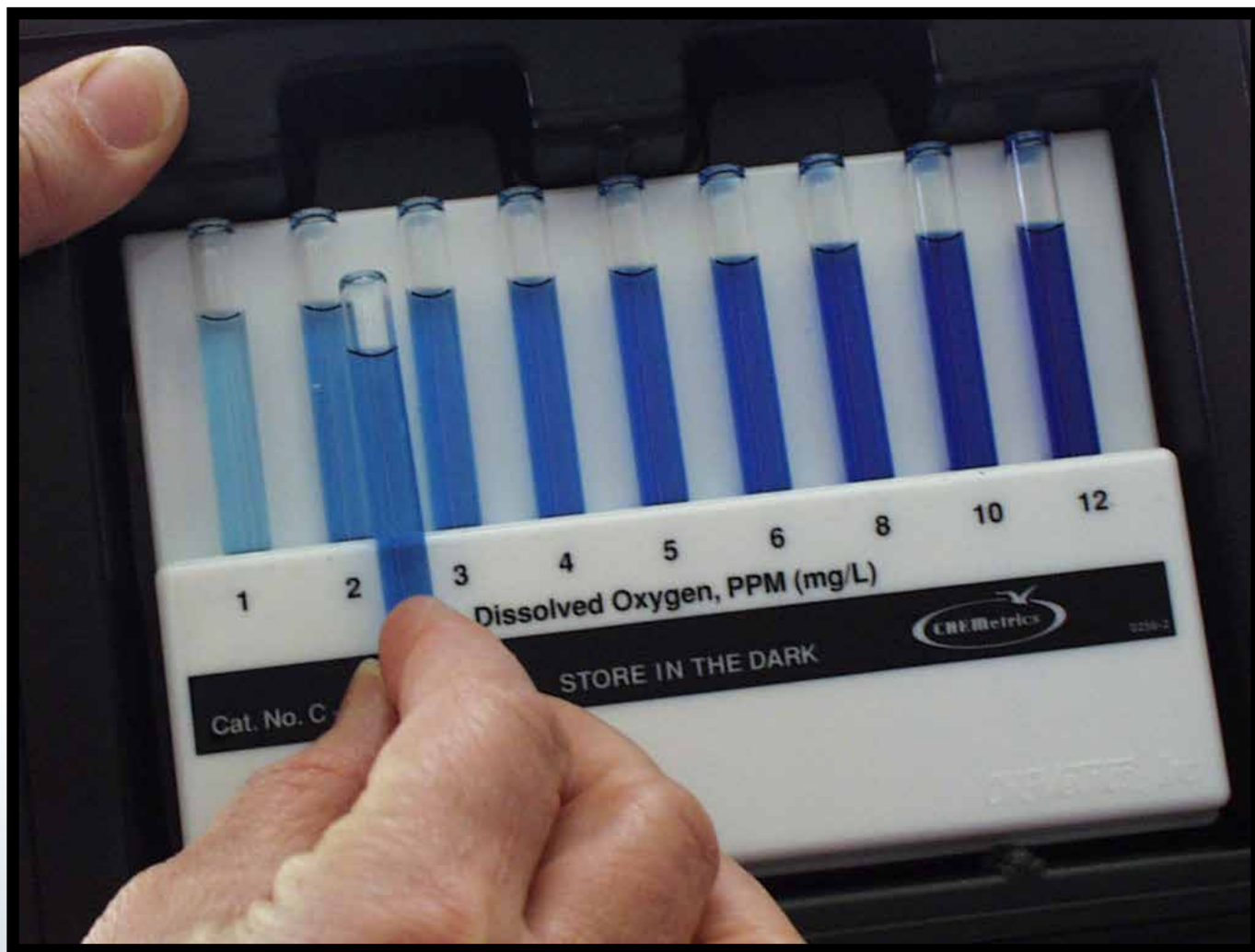




FIELD OF STREAMS

Activity Card



**Dissolved oxygen was measured at the watershed.
The dissolved oxygen reading was 2 ppm (parts per million).
It is equivalent to 2 mg/L.**

What does this indicate for the water?

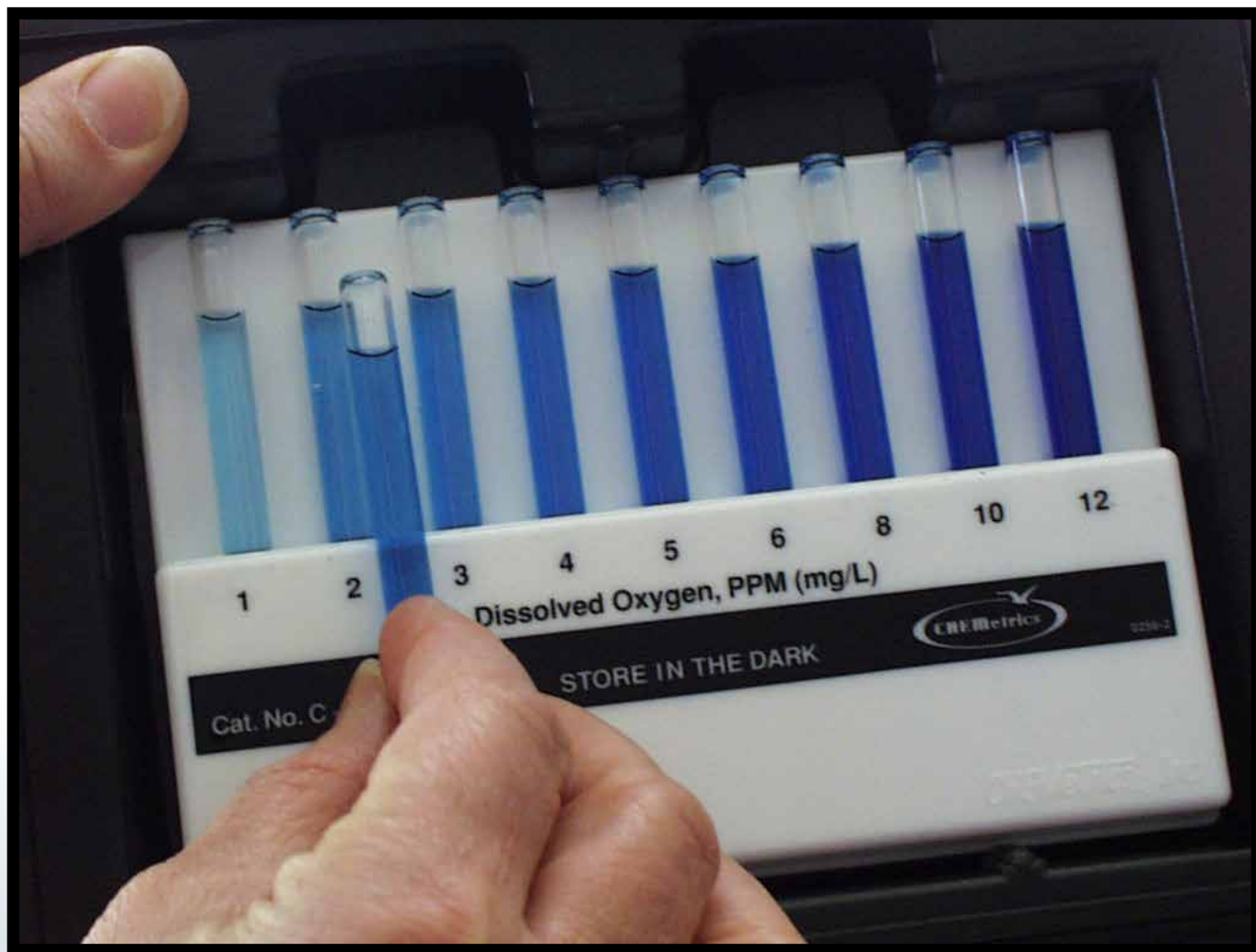
What does the reading mean for your aquatic species?





FIELD OF STREAMS

Activity Card



**Dissolved oxygen was measured at the watershed.
The dissolved oxygen reading was 5 ppm (parts per million).
It is equivalent to 5 mg/L.**

What does this indicate for the water?

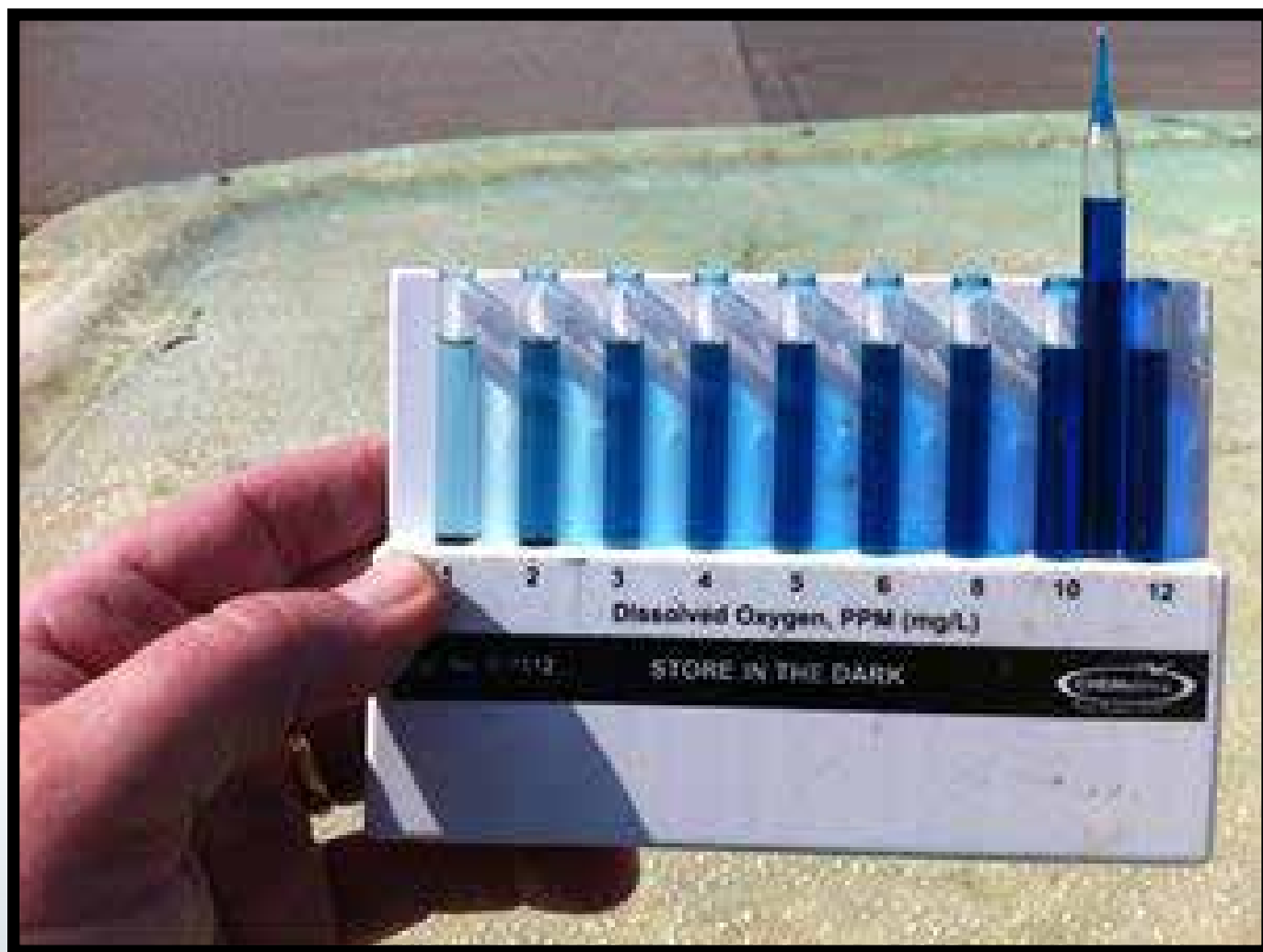
What does the reading mean for your aquatic species?





FIELD OF STREAMS

Activity Card



**Dissolved oxygen was measured at the water shed.
The dissolved oxygen reading was 7 ppm (parts per million).
It is equivalent to 7 mg/L.**

What does this indicate for the water?

What does the reading mean for your aquatic species?





FIELD OF STREAMS

Activity Card



This macroinvertebrate has been found in this watershed.

Do you think it is an indicator for water quality?

What kind of water quality?

Why or why not?

What kind of habitat is it in?

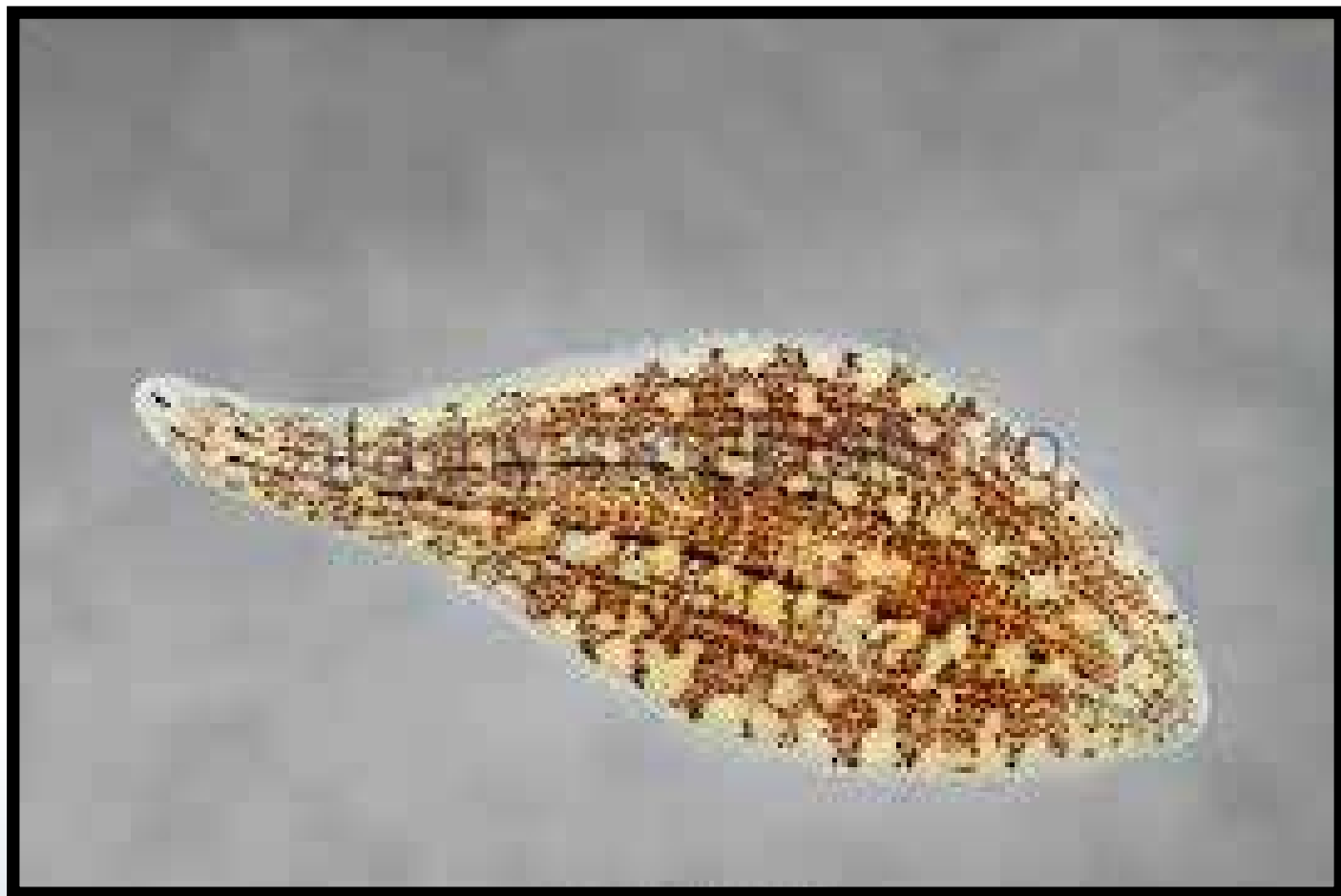
What do you see when you look at the water?





FIELD OF STREAMS

Activity Card



This macroinvertebrate has been found in this watershed.

Do you think it is an indicator for water quality?

What kind of water quality?

Why or why not?

What kind of habitat is it in?

What do you see when you look at the water?





FIELD OF STREAMS

Activity Card



This macroinvertebrate has been found in this watershed.

Do you think it is an indicator for water quality?

What kind of water quality?

Why or why not?

What kind of habitat is it in?

What do you see when you look at the water?





FIELD OF STREAMS

Activity Card



This macroinvertebrate has been found in this watershed.

Do you think it is an indicator for water quality?

What kind of water quality?

Why or why not?

What kind of habitat is it in?

What do you see when you look at the water?





FIELD OF STREAMS

Activity Card



This aquatic species has been found in this watershed.

Do you think it is an indicator for water quality?

What kind of water quality?

Why or why not?

What kind of habitat is it in?

What do you see when you look at the water?





FIELD OF STREAMS

Activity Card



This aquatic species has been found in this watershed.

Do you think it is an indicator for water quality?

What kind of water quality?

Why or why not?

What kind of habitat is it in?

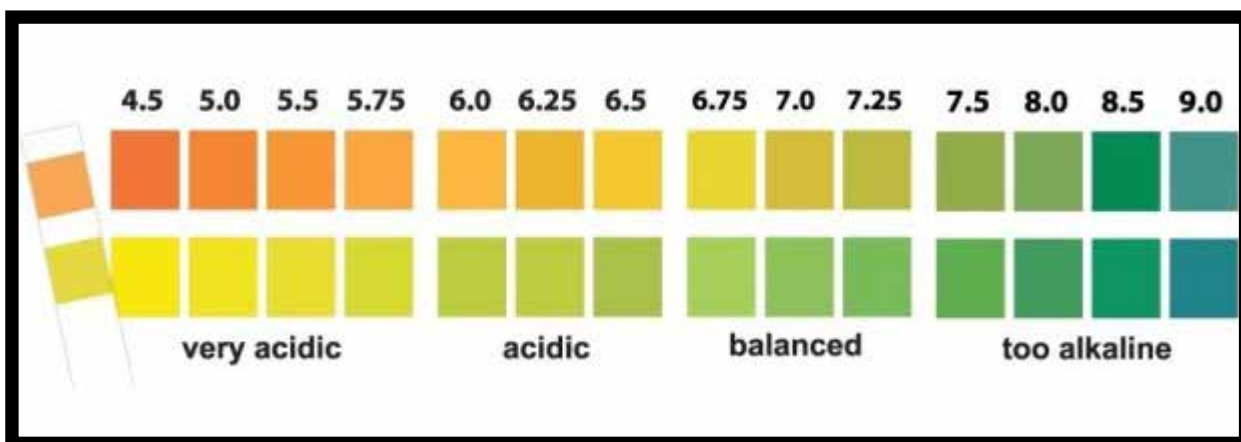
What do you see when you look at the water?





FIELD OF STREAMS

Activity Card



pH was measured at your watershed.

The pH level was 2.

Does your macroinvertebrate tolerate the pH measurement?

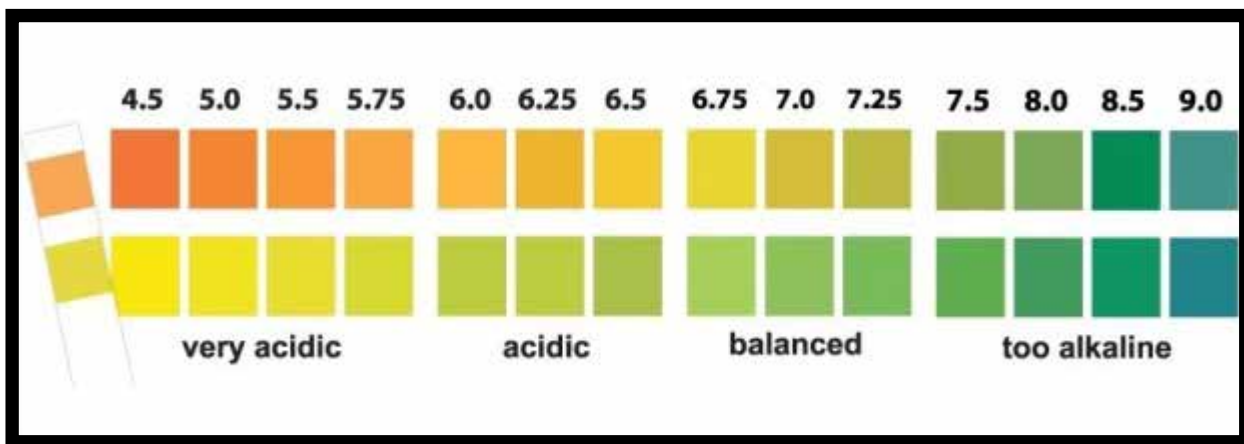
What does this indicate for the water?





FIELD OF STREAMS

Activity Card



pH was measured at your watershed.

The pH level was 5.

Does your macroinvertebrate tolerate the pH measurement?

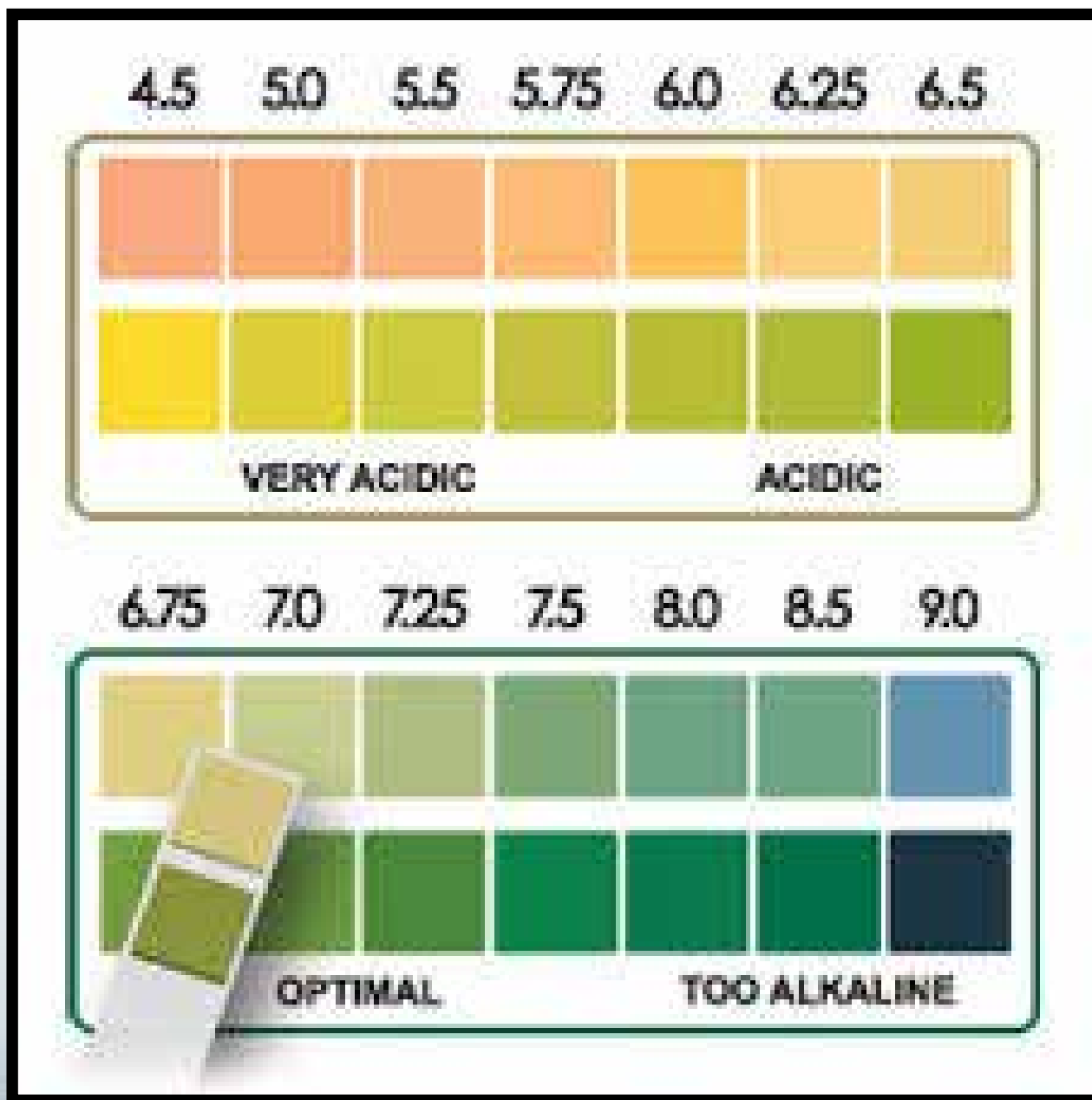
What does this indicate for the water?





FIELD OF STREAMS

Activity Card



pH was measured at your watershed.

The pH level was 7.

Does your macroinvertebrate tolerate the pH measurement?

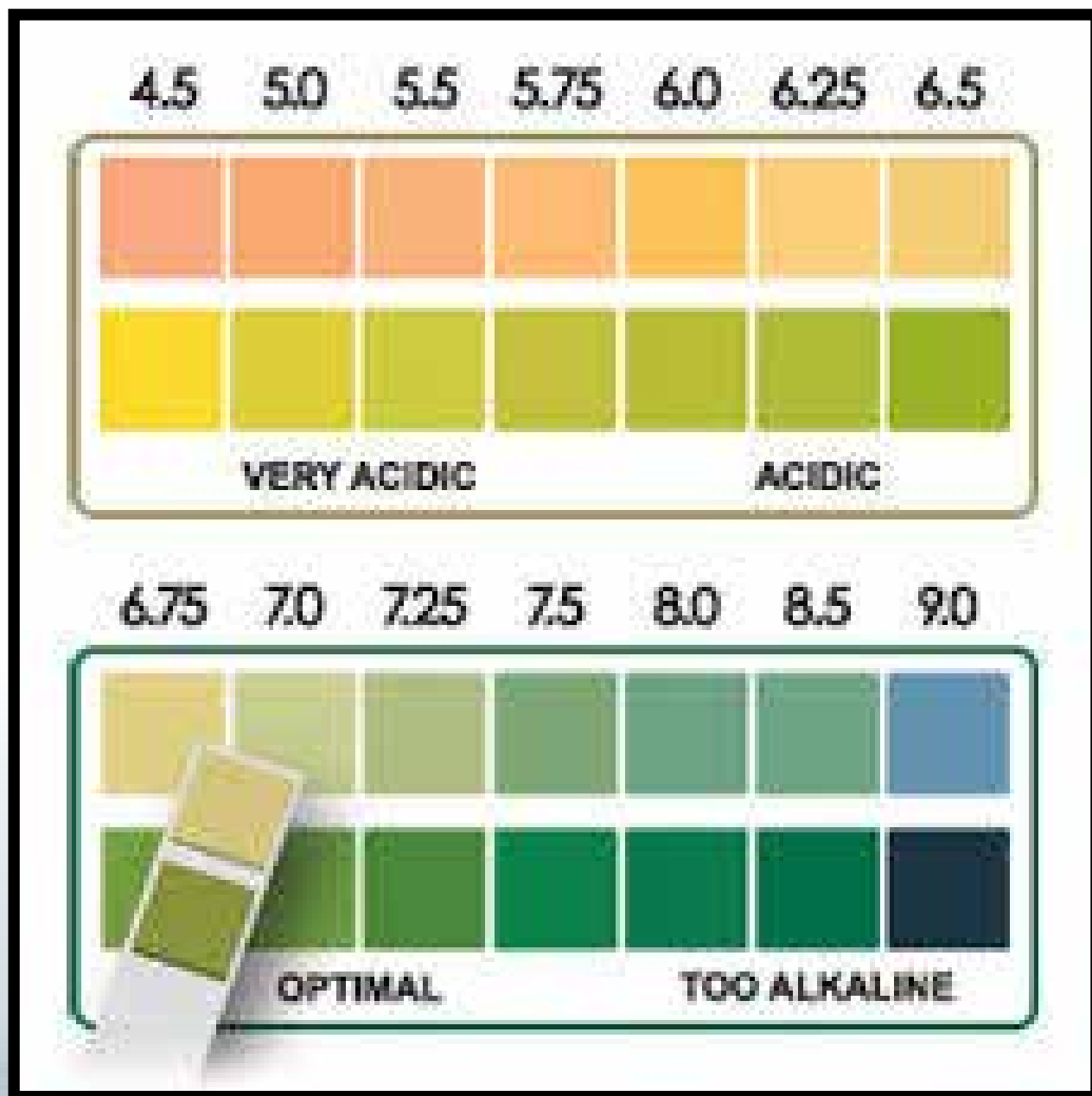
What does this indicate for the water?





FIELD OF STREAMS

Activity Card



pH was measured at your watershed.

The pH level was 7.8.

Does your macroinvertebrate tolerate the pH measurement?

What does this indicate for the water?





FIELD OF STREAMS

Activity Card



**A very high sediment concentration
was found in this watershed.**

What does this mean for your species?

Can it tolerate sediment?

Do you think it can adapt?





FIELD OF STREAMS

Activity Card



**A low sediment concentration
was found in this watershed.**

What does this mean for your species?

Can it tolerate sediment?

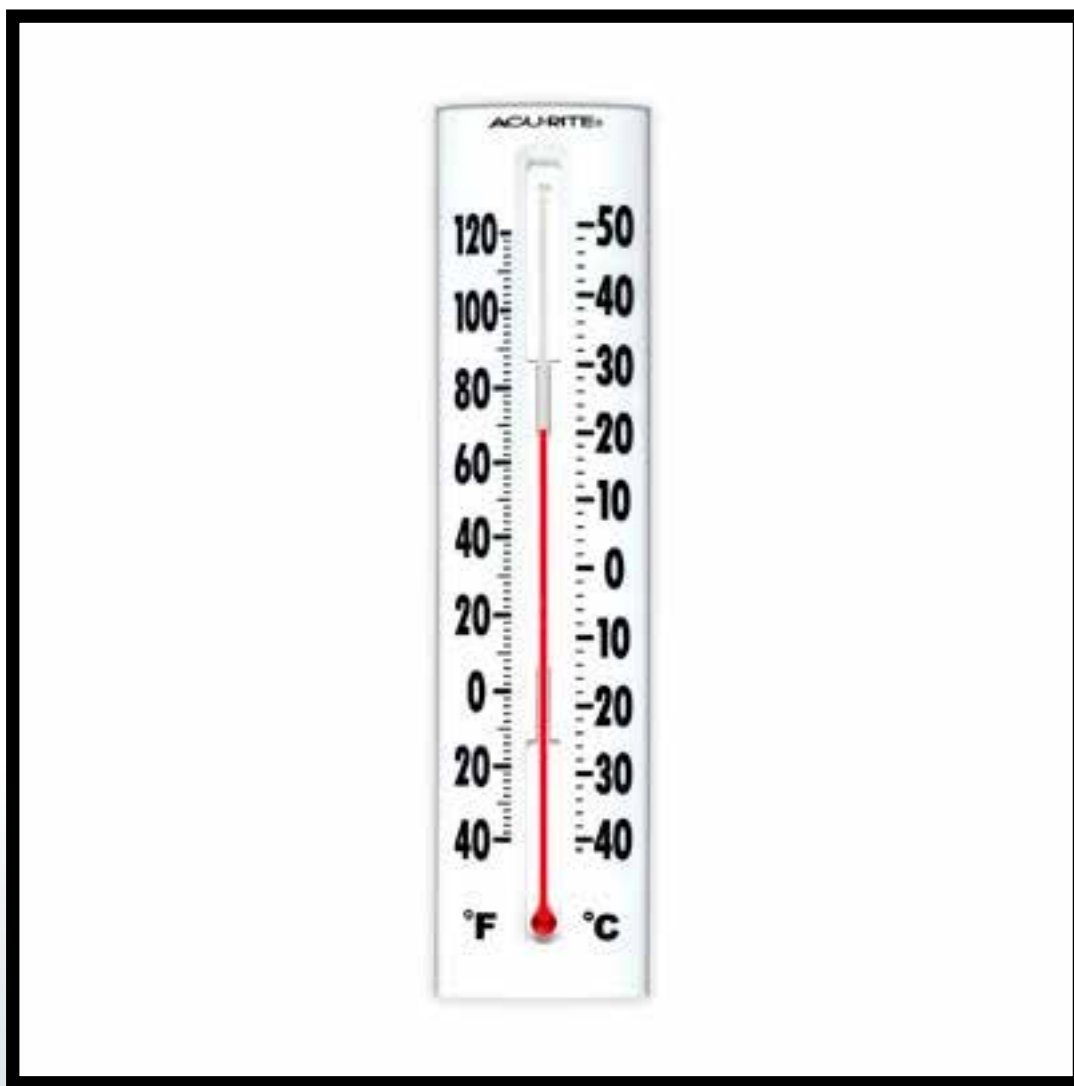
Do you think it can adapt?





FIELD OF STREAMS

Activity Card



**It is currently summer and the temperature
was measured at the watershed.**

Both the air and water temperature were 80°F (or 26°C).

What does this mean for your aquatic species?

How does temperature affect it?

What are the short-term and long-term effects?

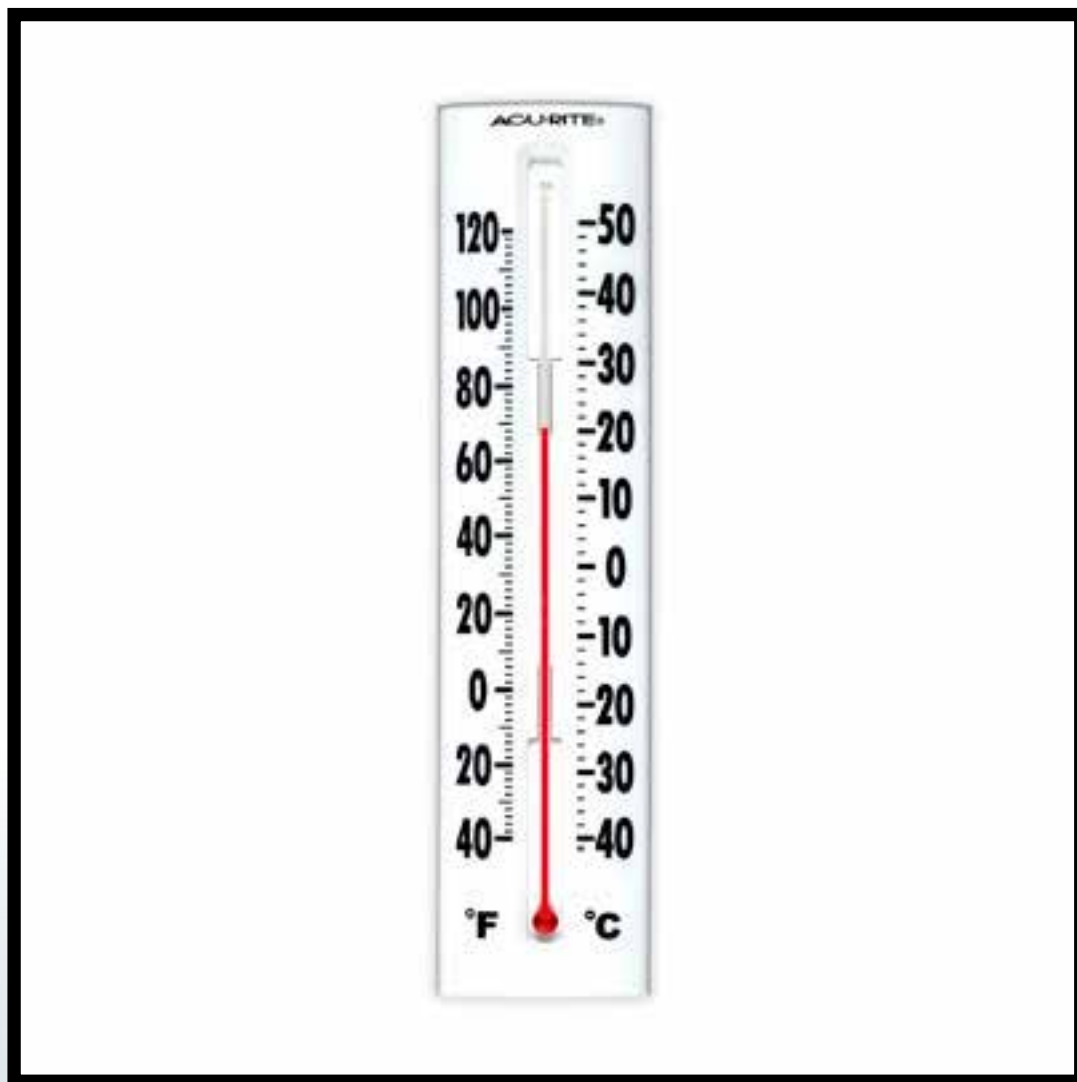
Think about the reproduction of the species.





FIELD OF STREAMS

Activity Card



**It is currently fall and the temperature
was measured at the watershed.**

Both the air and water temperature were 65°F (or 18°C).

What does this mean for your aquatic species?

How does temperature affect it?

What are the short-term and long-term effects?

Think about the reproduction of the species.





Activity Card



A local company bought the land adjacent to the watershed.

What could happen as a result of the construction?

How could this affect the water quality and your aquatic species?





Activity Card



There was an algal bloom at the watershed this summer.

What does this mean for the water quality of the watershed?

How could this affect your aquatic species?

