

Aquatic Organisms Data Card

Organism Name:

Special Features: (circle one)
 Shell or No shell
 Legs or No Legs
 Wings or No wings
 Tail 0 1or2 3

Water Pollution Tolerance Level (circle one)
 Group I – Intolerant
 Group II – Moderately tolerant
 Group III - Tolerant
 (Refer to Stream Insets & Crustaceans guide)

Sketch of Organism:

Organism Name:

Special Features: circle one
 Shell or No shell
 Legs or No Legs
 Wings or No wings
 Tail 0 1or2 3

Water Pollution Tolerance Level:
 Group I – Intolerant
 Group II – Moderately tolerant
 Group III - Tolerant
 (Refer to Stream Insets & Crustaceans guide)

Sketch of Organism:

Water Quality Testing Data Card

Temperature: _____ C

In general does the temperature seems exceedingly hot or cold for this time of year and place?
If so, what might be causing the temperature change?

DO: _____ ppm _____ % of saturation

Is the level of DO appropriate for supporting aquatic life? If not, what might be affecting the level of DO?

pH: _____

Is the pH of the water in the appropriate range for aquatic life? If not, is the water too acidic or too basic?
Is there any evidence of what might be changing the pH?

Based on the results of the three tests do you think this is a healthy stream that adequately supports aquatic life?
Why or why not?

How can we protect streams and rivers so they have appropriate levels of DO, pH and temperatures?

Riparian Buffer Data Card

The surface water from Poor Farm Park ends up in which major river entering the Bay?

What does BMP stand for? Name a forestry BMP.

What does the word "riparian" mean?

Is water running off forestland or a farm field called *point source* or *nonpoint source* pollution?

Is water exiting a sediment pond overflow pipe called *point source* or *nonpoint source* pollution?

Name one invasive plant at Poor Farm Park:

List three benefits of riparian forest buffers:

Wetlands Data Card

What is a wetland?

List three benefits of wetlands:

List three wetland indicators:

Describe the color of our wetland soil:

Name three types of animals that would make this wetland its home:

What is the single biggest cause of the destruction of wetlands?