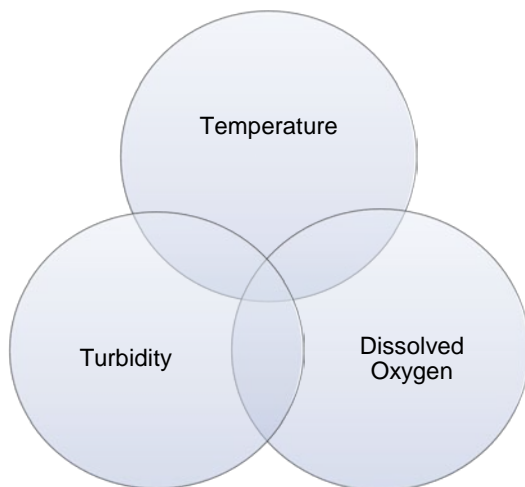


Water Quality Section

Name _____

Date _____

River or Creek _____



The above Venn Diagram represents how the Turbidity, Temperature and Dissolved Oxygen are related when it comes to the quality of the water in our stream. The very center where all circles intersect represents ideal conditions in our stream.

Temperature

My Prediction: _____ Results: _____

Unknown: _____

What could change the temperature of our creek?

Turbidity

My Prediction: _____ Results: _____

Unknown: _____

What could raise the level of the turbidity in the creek?

How is turbidity related to temperature?

Dissolved Oxygen (DO)

My Prediction: _____ Results: _____ Unknown: _____

What factors contribute to this level of DO?

How is the DO related to temperature?

pH

My Prediction: _____ Results: _____ Unknown: _____

At what pH do most organisms prefer to live?

What could change the pH of our creek?

Connecting to our environment

Give an example of point source pollution and list a water quality indicator it may affect.

Give an example of non-point source pollution and list a water quality indicator it may affect.