

# Water Quality Section

Name \_\_\_\_\_ Date \_\_\_\_\_

Name of River or Creek: \_\_\_\_\_

## Temperature

My Prediction: \_\_\_\_\_ Results: \_\_\_\_\_ °C or °F (circle one)

What could change the temperature of our creek?

## pH

My Prediction: \_\_\_\_\_ Results: \_\_\_\_\_

At what pH do most organisms prefer to live?

What could change the pH of our creek?

## Turbidity

My Prediction: \_\_\_\_\_ Results: \_\_\_\_\_ NTU

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

How is turbidity related to temperature?

## Dissolved Oxygen (DO)

My Prediction: \_\_\_\_\_ Results: \_\_\_\_\_ ppm

What factors contribute to this level of DO?

Does the creek have adequate DO for salmon and trout?

## Connecting to our environment

### **Point Source Pollution:**

The term "point source" means any single identifiable source of pollution from which pollutants may be or are discharging ..... Including but not limited to any pipe, ditch, channel, tunnel or conduit.

Give an example of point source pollution

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### **Non-Point Source Pollution:**

Nonpoint Source (NPS) pollution is caused by rainfall or snowmelt moving over and through the ground, it picks up and carries natural and human-made pollutants, depositing them into lakes, rivers, wetlands, coastal waters and ground waters.

Give an example of non-point source pollution

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