**ICES Worksheet**

**Water and Water Pollution**

Using your ICES disk – go to Chapter 14

* READ each section summary
* Answer questions using the interactive figures at the top of the page.

Read chapter summaries:

1. Define all vocabulary terms

Animation #1: Polarity of Water

1. What does it mean when water is said to be polar?
2. How does water “behave”?
3. Explain why ice floats on water?

Animation #2: Threats to Aquifers

1. Name at least ten states that have the worst groundwater overdraft problems.
2. Name at least ten states that suffer from significant groundwater pollution problems.
3. Name at least ten states that show saltwater intrusions in the groundwater.
4. List all states that have all three groundwater problems in common.

Animation #3: Effects of Deforestation

1. Compare and contrast at least eight characteristics of a hillside before and after deforestation.

Animation #4: Stream Pollution

1. Compare the dissolved oxygen content in a healthy river to a polluted river.
2. Describe how oxygen sag affects aquatic diversity in each portion of the river listed below:
   1. Clean
   2. Decomposition
   3. Septic
   4. Recovery
   5. Clean