Hydrogeology Study Guide

Define:

-eutrophication -spring -Ogallala

-zone of saturation -infiltration -watershed

-runoff -erosion -wetland

-lake -groundwater -permeability

-rejuvenation

1. List several examples of a wetland.

2. What is an example of a permeable and impermeable material?

3. List several threats to our water supply.

4. Compare and contrast a lake to a stream.

5. What is the major concern with the Ogallala aquifer?

6. What is the first step in implementing an emergency management plan?

7. What determines the temperature of a spring?

8. What materials would be best suited to line a pond and explain why.

9. Why are wetlands valuable?

10. What is the driving force of a stream?

\*Know the water cycle you may have to fill the steps into a blank water cycle diagram. (Example on the back)

\* Know what a delta and alluvial fan looks like

\*Written response: List two examples of threats to our water supply and describe in detail with specific examples one threat to our water supply.

1.

2.

3.

4.

5.

6.

7.

8.

