Packet # 2

1. How fast something moves through a system in equilibrium is called?
2. How long does it take for water to move through a system?
3. What is an aquifer?
4. What is recharged water?
5. What are the **ways** water is naturally recharged?
6. How does artificial recharge water move into an aquifer?
7. Why should we be concerned with recharging water?
8. What does recharged water provide?
9. Describe the Zone of aeration and the Zone of Saturation using the diagram.
10. Why does water not move through clay very easily?
11. How much water is in the ground water supply of the lower 48 states?
12. What does water pick up as it moves through the ground?
13. How many million tons of municipal and industrial waste is dumped into landfills each year?
14. How many pounds of pesticide are used each year?
15. What is the one way you can do as an alternative to help keep our water safe? (from the list)
16. How much waste liquid leaks into the groundwater from landfills and impoundments per year?
17. What is one way from the list that you (right now being in high school) can keep our underground water protected for future generations?

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