

Environmental Law
Unit 5- CLEAN WATER ACT (CWA)
Study Guide
Due Friday March 6, 2020
Quiz- Friday March 6, 2020

Name _____

Period _____

Review ALL questions and terms below. **Answer the required questions below (#1-#18) OR define all of the terms on the back for a written assignment.**

Review the other material. We will review in class before the test.

ANSWER the REQUIRED QUESTIONS below in writing as an assignment to turn in for points. OR define the terms on the back instead.

1. When was the **CWA** (as we know it today) passed and what are the TWO main goals of the Act?
2. Define and provide an example of each – **point source** (PS) and **non-point source** (NPS) water pollution.
3. What type of pollution is more easily addressed under the CWA, **PS** or **NPS**? Why?
4. What is **water pollution**?
5. Describe the world's **water supply**- How much is salt? How much is fresh?
6. Why is MOST fresh water unavailable for human use and what is that percentage?
7. Name TWO other places fresh water exists but is NOT directly available to humans, in addition to the reason above in #7.
8. Is MOST fresh water **surface** or **groundwater**? Why is this significant?
9. Name the TWO main sources of **nutrient pollution** in surface waters in the U.S.
10. What TWO problems are caused by **nutrient pollution** in surface water?
11. What is **sediment pollution**? Describe THREE sources of sediment pollution in surface water.
12. Describe THREE sources of **hazardous chemical pollution** in water today.
13. How does **heat, sediment** and **nutrient pollution** affect dissolved oxygen levels?
14. Where does **heat pollution** come from? Why is it a problem?
15. Describe THREE sources of water pollution that can occur during **runoff** in the water cycle.
16. What is a **watershed**? What is our local watershed in Eugene?
17. How much water does each person in the U.S. use on average per day?
18. What and where is the **Great Pacific Garbage Patch**? Describe the main cause and TWO key problems that result from it.

REVIEW these questions for the quiz. NO WRITTEN RESPONSE IS REQUIRED.

19. Who enforces the **CWA**?
20. What % of the earth's water supply is fresh surface water?
21. Is water a **renewable** or **non-renewable** resource? Explain.
22. What problems arise due to chemical pollution in water? Describe TWO.
23. Describe the FOUR parts of the water cycle.
24. Describe **infiltration** in the water cycle. How is this related to groundwater pollution?
25. What are the top THREE uses of water in the U.S.?

OVER

Terms- IDENTIFY each of the following terms. You do NOT need to do these if you chose to answer the required questions instead.

Point source (PS)

Non-point source (NPS)

Hazardous chemicals

Evaporation

Runoff

Watershed Approach

sewage

Total Maximum Daily Load (TMDL)

thermal pollution

surface water

condensation

infiltration

urban runoff

micro plastics

nutrient pollution

sediment pollution

groundwater

precipitation

watershed

wastewater

gyre