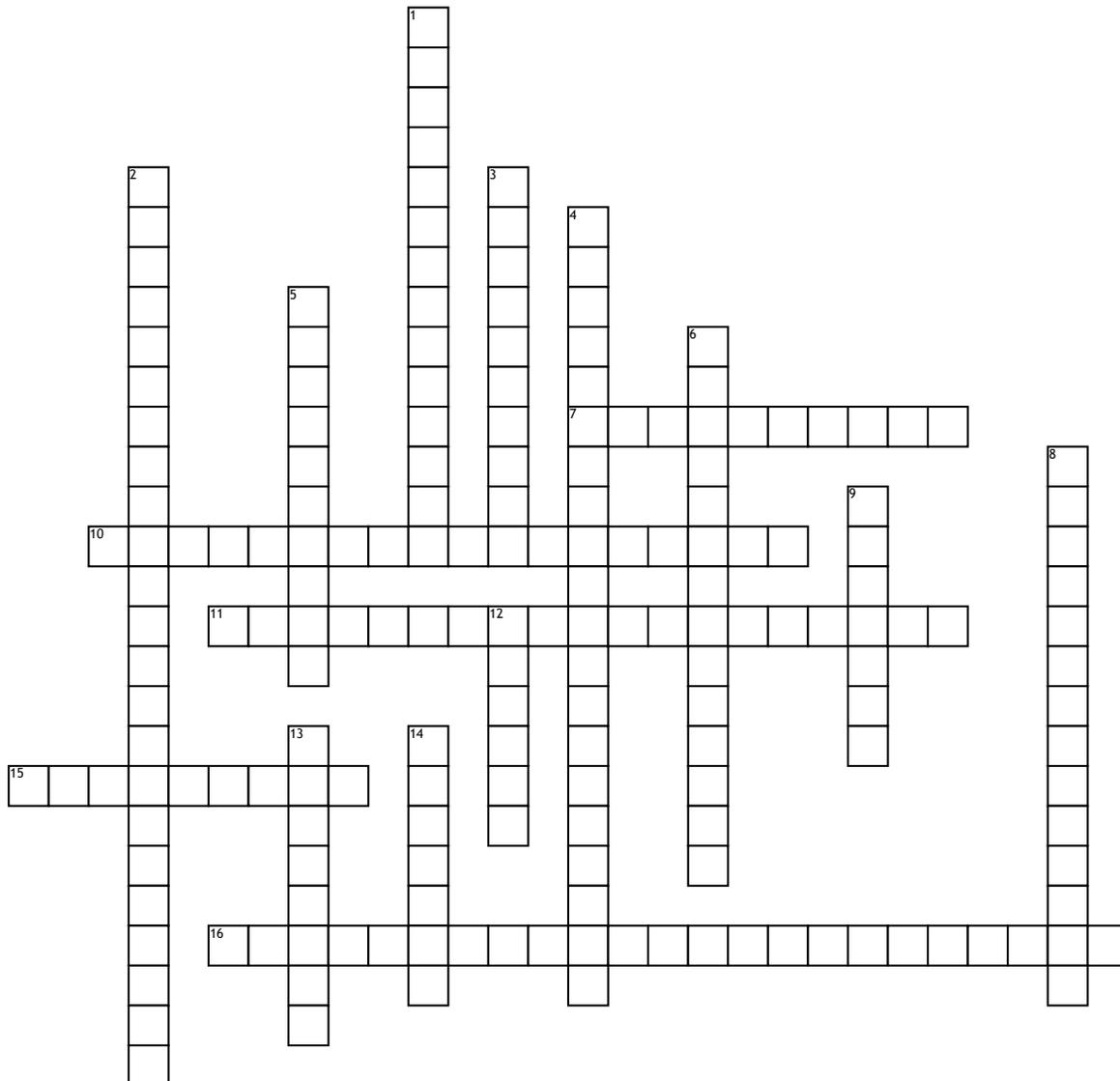


Aquatic Systems Crossword



Across

7. The sinking or settling of land caused by aquifer depletion (as groundwater supplies are removed)
10. The movement of seawater into freshwater aquifer located near the coast; caused by aquifer depletion
11. A process in which the energy of organic molecules is released within cells
15. A land area that delivers water into a stream or river system
16. Pollutants that enter bodies of water over large areas rather than being concentrated at a single point of entry

Down

1. Treated wastewater that is reused in some way, such as for irrigation, manufacturing processes that require water for cooling, wetlands restoration, or groundwater recharge

2. The amount of oxygen needed by microorganisms to decompose (by aerobic respiration) the organic material in a given volume of water
3. The area bordering a river that is subject to flooding
4. Water pollution that can be traced to a specific spot because it is discharged into the environment through pipes, sewers, or ditches
5. The uppermost level of an unconfined aquifer, below which the ground is saturated with water
6. The removal of salt from ocean or brackish water enrichment, (1) The process by which uranium ore is refined after mining to increase the concentration of fissionable U-235. (2) The fertilization of a body of water, caused by the presence of high levels of plant and alga nutrients such as nitrogen and phosphorus

8. The enrichment of a lake, estuary, or slow flowing stream by nutrients that because increased photosynthetic productivity
9. The underground caverns and porous layers of underground rock in which groundwater is stored
12. The movement of fresh water from precipitation and snowmelt to rivers, lakes, wetlands, and ultimately the ocean
13. Lands that are transitional between aquatic and terrestrial ecosystems and are covered with water for at least part of the year
14. Low dissolved oxygen concentrations that occur in many bodies of water when nutrients stimulate the growth of algae that subsequently die and are decomposed by oxygen-using bacteria