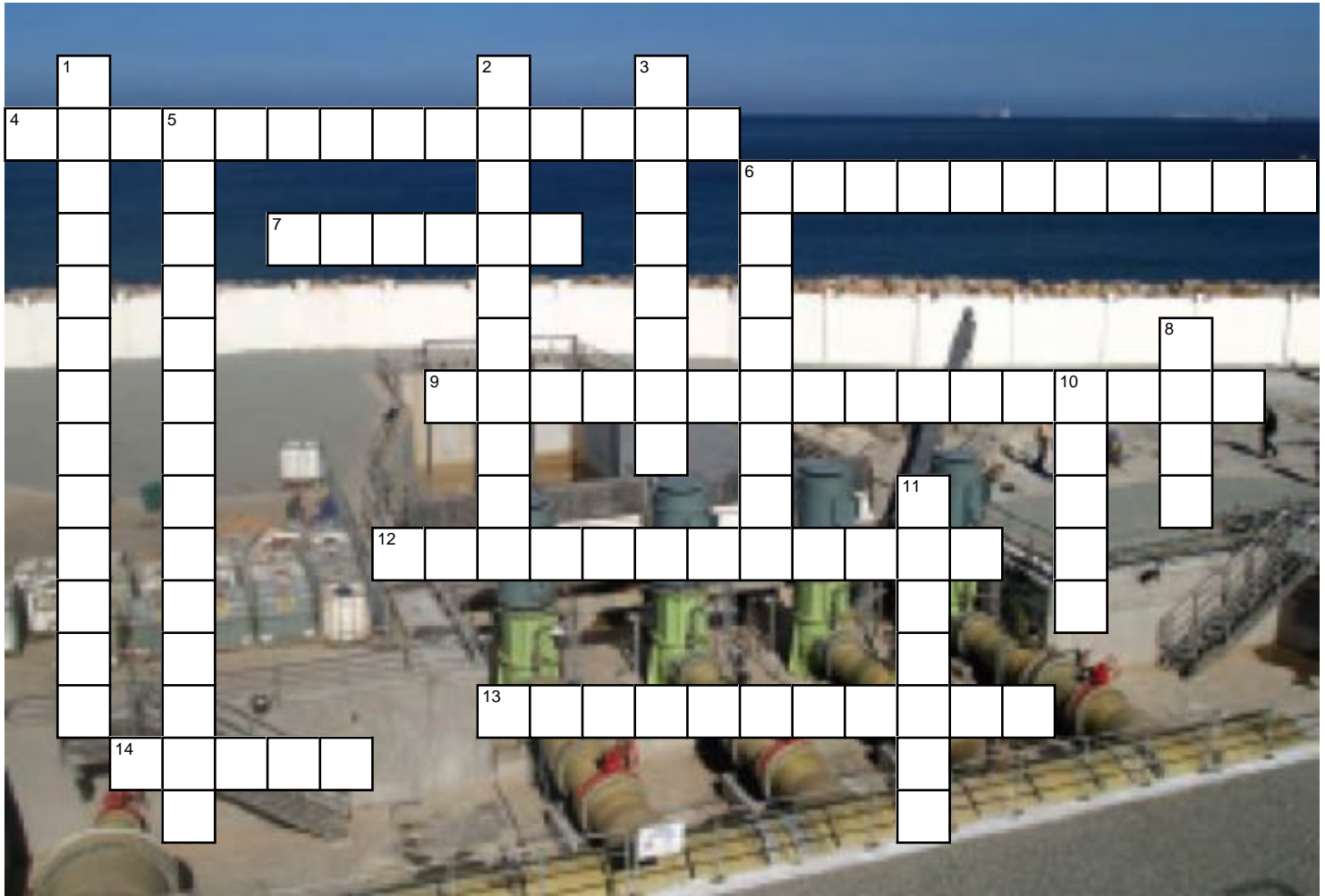


12.3 Water Sustainability through Science and Technology



Across

4. The technique of using living organisms to clean up contamination in land and water is called _____.
6. The term "_____" is used to describe unused properties in urban areas that have been contaminated by hazardous materials such as petroleum.
7. A strip of plants between a stream and a nearby farm helps to _____ contaminants and reduce pollution in the watershed.
9. A subset of bioremediation is _____ which is the technique of using plants as environmental clean-up remedies.
12. _____ is the process of removing salt from water; an example is in this background photograph.
13. Many people are working together to improve water quality and protect our supply so that it is _____.
14. The United Nations considers access to clean drinking water to be a fundamental human _____.

Down

1. As with any technological solution desalination does have some _____.
2. Farmers use land and water management techniques and participate in programs that protect and enhance our _____.
3. A _____ to any water system problem must always be assessed in terms of how it affects the environment and society.
5. _____, in which salt water is pushed through a membrane or filter that the salt cannot get through, is one way to desalinate water.
6. _____ are the microorganisms most often used in cleaning up problems with our water systems.
8. Some types of bacteria use petroleum chemicals (from a spill or leak) as _____.
10. The waste water that flows out of a desalination plant and into the ocean contains, in addition of salt, chemicals that are _____ to marine life.
11. In some parts of the world polluted ground water and little precipitation mean that _____ water is in short supply.