

SC.912.L.17.20 – Human Impact – Example 6 Answer

A community is concerned about the water quality of a nearby lake. Increased sedimentation in the lake is endangering the native habitat. The increased sedimentation is most likely caused by which of the following?

- A. trees planted along the shore of the lake**
- B. construction of homes along the lake**
- C. the amount of sunlight on the lake**
- D. the amount of fish in the lake**

Answer

B. construction of homes along the lake

When homes are constructed, trees and plants are removed. Under natural conditions, trees and plants help to secure the soil and prevent erosion and sedimentation in lakes and rivers.