

Prep Check 14.

Name: _____

Circle the characteristics of nitrification and denitrification that are TRUE. (More than one is true for each process).

NITRIFICATION:

- A. Consumes alkalinity
- B. Generates alkalinity
- C. Requires anoxic conditions
- D. Requires dissolved oxygen
- E. Can be accomplished in same basin as BOD removal, if sludge age is sufficient
- F. Usually requires a separate reactor basin

DENITRIFICATION:

- A. Consumes alkalinity
- B. Generates alkalinity
- C. Requires anoxic conditions
- D. Requires dissolved oxygen
- E. Can be accomplished in same basin as BOD removal, if sludge age is sufficient
- F. Usually requires a separate reactor basin