

Clark County Health Department Installer Exam 2012-2013

Name: _____ Company: _____

1. What is the minimum allowed diameter for a residential sewer pipe?
 - a. 1.5 inches
 - b. 2 inches
 - c. 4 inches
 - d. 6 inches

2. In order to avoid a positive slope greater than allowed in a residential sewer, what must be done to complete the installation?
 - a. Apply to health department for special permission to install at greater slope.
 - b. Install two (2) 45 degree elbows to obtain more drop.
 - c. Install two (2) 90 degree elbows to create a vertical drop.
 - d. Install a vertical drop with a cleanout located immediately upslope.

3. Effluent sewer piping has to have what minimum grade?
 - a. 4 inches in 25 feet
 - b. 2%
 - c. Positive slope of two and four tenths (2.4) inches per 100 feet or a grade of two-tenths percent (0.2%).
 - d. Almost level with just a tiny bit of fall.

4. When making special crossings above or below a potable water line with a residential sewer, what type of pipe must be used?
 - a. ASTM D 3034 –08 SDR 35 or SDR 26
 - b. ASTM D 2665-09 Schedule 40
 - c. Waterworks grade ductile iron
 - d. ASTM D 3034-08 SDR 26 with compression fittings

5. What is the definition of residential on-site sewage system failure?
 - a. The soil surface has ponding of effluent.
 - b. The system will not accept sewage at the designed rate.
 - c. There is effluent contamination of potable water supply, ground water, or surface water.
 - d. All of the above.

6. The final soil cover over the absorption field shall be graded so that the area is crowned to shed water.

True

False

7. A subsurface drain, when required, shall be at least thirty-six inches below adjacent soil absorption trench bottom or at least two inches into a soil limiting layer.

True

False

8. A segment drain is required on sites where the distance between the upper and lower sides of the perimeter drain exceed sixty-five feet, unless a greater spacing is determined through calculations.

True

False

9. An outlet filter shall be installed in the septic tank of new on-site systems and existing on-site systems requiring a new septic tank.

True

False

10. "Perimeter drain" means a subsurface drainage system that completely surrounds a soil absorption field for the purpose of lowering a seasonal high water table or preventing movement of subsurface water into a soil absorption field site.

True

False

11. "Interceptor drain" means a subsurface drainage system constructed only on the upslope side of a soil absorption field for the purpose of diverting subsurface water around the soil absorption field site.

True

False

12. All access openings shall be positioned in such a way as to allow for maintenance, cleaning, and servicing of septic tanks and outlet filters.

True

False