

**Welcome to the test for the Orientation to the SEO Precertification Academy. Please answer the following questions to test your general knowledge of the sewage enforcement program in Pennsylvania and to determine if you are ready to begin the SEO Precertification Academy.**

1. What is the name of the legislation passed in 1966 to address sewage needs in the state?

- (a) Clean Streams Law
- (b) Sewage Management Act
- (c) Sewage Facilities Act
- (d) Clean Water Act
- (e) Sewage Enforcement Officers Act

*If choice c is selected set score to 1.*

2. Which of the following entities is **not** an example of a local agency?

- (a) A municipality
- (b) A county
- (c) A county department of health or joint county department of health
- (d) A combination of municipalities acting cooperatively or jointly
- (e) A municipal authority
- (f) All of the above entities qualify as local agencies

*If choice e is selected set score to 1.*

3. Which of the following entities is **not** an example of a municipality?

- (a) Township
- (b) Town
- (c) County
- (d) City
- (e) Borough

*If choice c is selected set score to 1.*

4. Which statement below is **true**?

- (a) The available onlot sewage system technologies have changed very little since Act 537 was passed.
- (b) A municipality has a choice as to whether to administer Act 537.
- (c) Under DEP regulations, every local agency is required to have a primary and an alternate sewage enforcement officer (SEO).
- (d) The SEO works for the Department of Environmental Protection.

*If choice c is selected add 1 to score and continue.*

5. The commonwealth develops an overall sewage facilities plan to show where central sewage collection is provided and where onlot sewage systems are employed.

- (a) True
- (b) False

*If choice b is selected set score to 1.*

6. What term is characterized by the following definition from the regulations book?

*A program authorized by the official action of a municipality for the administration, management, and regulation of the disposal of sewage.*

- (a) Sewage management program
- (b) Individual onlot sewage system
- (c) Sewage enforcement officer program
- (d) Sewage facilities

*If choice a is selected set score to 1.*

7. What term is characterized by the following definition from the regulations book?

*A system of sewage collection, conveyance, treatment, and disposal, which will prevent the discharge of untreated or inadequately treated sewage or other waste into waters of this Commonwealth or otherwise provide for the safe and sanitary treatment and disposal of sewage or other waste.*

- (a) Sewage management program
- (b) Individual onlot sewage system
- (c) Sewage facilities
- (d) Sewage enforcement officer program

*If choice c is selected set score to 1.*

8. Which task below is not the responsibility of the local agency SEO?

- (a) Design onlot systems
- (b) Review sewage facilities planning modules
- (c) Conduct investigations and inspections
- (d) Issue permits
- (e) Review permit applications

*If choice a is selected set score to 1.*

9. How does an SEO determine if a site is generally suitable for an onlot system?

- (a) Conduct percolation tests
- (b) Examine the soils
- (c) Measure the slope of a site
- (d) Observe on-site tests
- (e) All of the above

*If choice e is selected set score to 1.*

10. Match the term to its corresponding definition.

(a) What occurs if an onlot system does not function properly and poses a health hazard.

- Revoke     
  Planning module     
  Malfunction     
  Permit     
  Official plan     
  Final inspection

(b) Issued by the SEO to give an applicant permission to build an onlot sewage system at a specific site.

- Revoke     
  Planning module     
  Malfunction     
  Permit     
  Official plan     
  Final inspection

(c) What the SEO does to a permit if a system is not installed according to its approved design and corrections are not made.

- Revoke     
  Planning module     
  Malfunction     
  Permit     
  Official plan     
  Final inspection

(d) What the SEO does to make sure an onlot system is installed according to the regulations and the permit.

- Revoke     
  Planning module     
  Malfunction     
  Permit     
  Official plan     
  Final inspection

(e) Form developed by DEP and used by a municipality to include a new proposed subdivision or development in a municipality's official plan.

- Revoke     
  Planning module     
  Malfunction     
  Permit     
  Official plan     
  Final inspection

(f) Addresses present and future sewage disposal needs of a community.

- Revoke     
  Planning module     
  Malfunction     
  Permit     
  Official plan     
  Final inspection

*If choice f matches "Official plan" AND choice e matches "Planning module" AND choice b matches "Permit" AND choice c matches "Revoke" AND choice d matches "Final inspection" AND choice a matches "Malfunction" set score to 1.  
Anything else No score defined.*

11. Which of the following actions are allowable by a local agency SEO? (Click all that apply.)

- (a) The SEO may only accept a fee for services or work performed through the local agency.
- (b) The SEO may install, design, or sell materials for any onlot sewage system within his or her jurisdiction.
- (c) The SEO must confirm all tests used to determine a site's suitability for an onlot system.
- (d) The SEO may issue onlot system permits only within the jurisdiction of his or her employing local agency.
- (e) A local agency's SEO may issue onlot system permits within any jurisdiction in the state.

*If choice d is selected AND choice a is selected AND choice c is selected AND choice e is NOT selected AND choice b is NOT selected set score to 1.  
Anything else No score defined.*

12. Isolation distances from the tanks, absorption area aggregate, and other system components to specific features on a property are uniform.

- (a) True
- (b) False

*If choice b is selected set score to 1.*

13. How is the limiting zone of the soil on a proposed site determined?

- (a) By evaluating the soil in a test probe
- (b) By evaluating the soil in a percolation test
- (c) By measuring the slope of a proposed absorption area
- (d) By determining the isolation distances to a proposed absorption area location

*If choice a is selected set score to 1.*

14. What is a soil horizon?

- (a) A horizontal layer of soil with the same color, texture, and structure of soil
- (b) An area on a site with the same slope measurement
- (c) A limiting zone
- (d) All of the above

*If choice a is selected set score to 1.*

15. What does the depth to the limiting zone help to determine? (Click all that apply.)

- (a) The type of absorption area permitted on a site
- (b) Where the slope may be measured
- (c) Whether there is enough suitable soil for an onlot system
- (d) The minimum square footage needed for the absorption area

*If choice a is selected AND choice c is selected AND choice d is NOT selected AND choice b is NOT selected set score to 1.  
Anything else No score defined.*

16. Which of the following statements about soil analysis is **not** correct? (Click all that apply.)
- (a) The structure of the soil with the best potential to drain well is platy.
  - (b) The texture of the soil is determined by estimating the percentages of sand, silt, and clay found in the soil.
  - (c) The minimum limiting zone depth on which an onlot system absorption area may be placed is 20 inches.
  - (d) The color of the soil is described using the terms of hue, value, and chroma.

*If choice d is NOT selected AND choice b is NOT selected AND choice a is selected AND choice c is selected set score to 1.*

*Anything else No score defined.*

17. What must be conducted on a site before a permit for an onlot sewage system may be issued? (Click all that apply.)

- (a) Isolation distance measurements
- (b) Percolation test/soil morphological assessment
- (c) Soil analysis
- (d) Groundwater test
- (e) Slope measurement

*If choice b is selected AND choice e is selected AND choice c is selected AND choice a is selected AND choice d is NOT selected set score to 1.*

*Anything else No score defined.*

18. What is described as a limiting zone in the regulations? (Click all that apply.)

- (a) Rock with insufficient soil
- (b) A seasonal high water table as indicated by direct observation or redoximorphic features (mottling)
- (c) Bedrock or other slowly permeable stratum
- (d) Rock with clay or silt texture

*If choice b is selected AND choice a is selected AND choice c is selected AND choice d is NOT selected set score to 1.*

*Anything else No score defined.*

19. What does the percolation rate help to determine? (Click all that apply.)

- (a) The size of the absorption area
- (b) The type of absorption area that could be placed on a site
- (c) The general suitability of a site
- (d) The size of the treatment tanks

*If choice c is selected AND choice a is selected AND choice b is selected AND choice d is NOT selected set score to 1.*

*Anything else No score defined.*

20. Why is the soil profile description so important? (Click all that apply.)

- (a) It is used by a local agency to help develop an official plan.
- (b) It is the written record of soil conditions in a probe.
- (c) It provides an evaluation of the soil on a site.
- (d) It helps to determine whether a site is suitable for an onlot absorption area.

*If choice a is NOT selected AND choice c is selected AND choice b is selected AND choice d is selected set score to 1.*

*Anything else No score defined.*

***If assessment score is 75% to 100% Feedback  
If assessment score is 0% to 74% default***