

**Wastewater Systems Installer
Licensing Test
For
Atchison County, Kansas**

Note: Completion of this test will license an individual or company to install private, single family, on-site wastewater systems in Atchison County, Kansas and those other counties in Kansas who grant reciprocity to the holders of this license. The test has been designed to acquaint the license holder with the requirements of the Environmental/Sanitation Code. The section number, which contains the answer, is provided after each question.

CHAPTER 1 (ADMINISTRATIVE PROCEDURES)

1. The Atchison County Environmental/Sanitation Code went into effect on this date:

(title page)

2. This code is adopted under the legal authority granted to the:

(1-1.1)

3. The County Commissioners find that it is necessary to adopt a sanitation code to _____ and _____ the development of environmental conditions that are hazardous to health and safety, and promote the _____ and _____ of the land and water resources of the county.

(1-1.2)

4. The purpose of the code is: (A) To prescribe administrative procedures; (B) to prescribe rules and regulation; and, (C) to establish administrative procedures to facilitate _____ and _____ regulation while recognizing the rights of affected persons to receive _____ processing and to _____ administrative decisions.

(1-1.3)

5. The Administrative Agency for Atchison County is:

(1-2.1)

6. _____. Any person who is designated by the Administrative Agency to administer this code.

(1-2.4)

7. _____. Any building or structure occupied by a human being on either a full or part time basis.

(1-2.7)

8. _____ . Means any person designated by the County Commissioners to hear appeals from decisions of the Administrative Agency.
(1-2.9)

9. _____ / _____. Means a right formally granted in writing by the Administrative Agency.
(1-2.10)

10. The power and authority of the Administrative Agency to inspect, examine, and/or survey premises for compliance with the code is called the _____.
(1-3.1)

11. The administrative Agency shall begin such investigations and inspections as necessary to determine whether the permit or license should be issued or denied within _____ days after the receipt of the application.
(1-3.32)

CHAPTER 2 (WASTEWATER AND DISPOSAL)

12. The provisions of this chapter are adopted for the purpose of regulating the _____, _____, _____, and _____ of septic systems, alternate waste water systems, privies, and the removal and disposal of materials removed from such facilities.
(2-1.0)

13. The provisions of this chapter shall apply to _____.
(2-2.0)

14. _____ A configuration of on-site trenches installed to absorb sewage effluent from a septic tank.
(2-3.1)

15. _____ Accepted or acceptable by the Administrative Agency in accordance with applicable specifications of the code.
(2-3.4)

16. _____ Means horizontal unless otherwise designated.
(2-3.5)

17. _____ All water borne waste produced at family dwellings in connection with ordinary family living.
(2-3.6)

18. _____ An artificial pond designed to receive raw sewage for biological decomposition.
(2-3.9)

19. _____ A system that includes a septic tank, absorption field and all other elements intended to be used for management and disposal of sewage on-site.
(2-3.11)

20. _____ The pumping out or removal of wastes, sludge or human excretas from privies, or septic systems.
(2-3.16)

21. _____ An approved watertight structure installed underground to receive sewage.
(2-3.17)

22. _____ An excavation or opening into the ground by which groundwater is sought or obtained.
(2-3.20)

23. Prohibited practices include the use of wastewater systems that:

- a. Have been constructed after _____ and been inspected or approved.
 - b. Have been enjoined as a _____.
 - c. Fails to comply with the provisions of the _____.
- (2-4.1)

24. No household, industrial or commercial wastes shall be discharged into any watercourse, impoundment, storm sewer or public thoroughfare.
True or False

(2-4.2d)

25. The discharge of sewage into seepage pits, abandoned well cisterns, streams or upon the ground shall be:
Prohibited or Acceptable

(2-4.2)

26. Treated sewage, or effluent may be permitted to drain directly into a ditch or stream.
True or False

(2-4.2)

27. All sewage management systems within 400 feet of a public sewer system must connect to that system.
True or False

(2-4.3)

28. All portions of an alternative wastewater system, septic system or privy shall be located at least _____ feet or more from a water well.

(2-4.5)

29. Plans and specifications for all public wastewater systems shall be submitted to and approved by the _____ prior to starting any construction of such systems.
(2-5.1)

30. The owner of every public wastewater system shall obtain a _____ for operation from KDH&E.
(2-5.2)

31. No person shall _____ or _____ an on-site sewage management system without obtaining construction approval from the Administrative Agency.
(2-6.0)

32. No on-site sewage management system constructed or altered may be covered totally or in part until it has been _____ and _____ by the Administrative Agency.
(2-6.2)

33. All applications will be required to sign an application form to acknowledge the sewage system must be _____ and _____ according to the approved plan.
(2-6.2)

34. A drawing showing overall dimensions of the lot, location of buildings, driveways, geographical features near the proposed lateral field; location and type of water supply and location of water service lines; a layout of the entire on-site sewage management system, septic tank, laterals, and interconnecting lines are required before issuance of permit.
True or False
(2-6.31)

35. All onsite sewage management systems developed or modified after September 28, 1998 must be _____ and/or _____ by the Administrative Agency for compliance with the approved plans; and no portion of the system shall be _____ or made inaccessible to inspection prior to approval.
(2-6.5)

36. Proposals for other alternatives or experimental sewage disposal systems may be submitted to the Administrative Agency for approval.
True or False
(2-7.0)

37. Dry chemical toilets can be used in special cases with the approval of the Administrative Agency.
True or False
(2-7,36)

38. All individuals who remove treated domestic wastes from any septic system, including their own, must notify the Administrative Agency before removing the wastes.
True or False
(2-9.0)

39. The disposal site used by the haulers of domestic wastes, human excreta or other septage from any septic system or alternative wastewater system must be approved by the Administrative Agency and comply with all rules and requirements of the KDHE and EPA _____ Rules.
(2-9.1)

40. No person shall offer service as a wastewater/sewage system installer in Atchison County without a valid license from the Administrative Agency.
True or False
(2-10.0)

41. An individual landowner can install or repair his/her own wastewater system if he/she agrees to purchase a permit and he/she constructs no more than one system in any one calendar year.
True or False
(2-10.3)

Use Atchison County Soil Survey – This part of the test will be oral.

Use the Environmental Health Handbook

What is the minimum required distance from the septic tank to:

- a. Foundation of house _____
- b. Property lines _____
- c. Well or suction line _____
- d. Surface water course _____

(Wastewater and Site page WS-14) Table 7

What is the minimum required distance from the absorption field to:

- a. Building foundation _____
- b. Property line _____
- c. Well or suction line _____
- d. Surface water course _____

(Wastewater and Site page WS-14) Table 7

What is the minimum required distance from a lagoon to:

- a. House _____
- b. Property line _____

(Wastewater and Site page WS-14) Table 7

What is the minimum size septic tank required for a 4 bedroom house? _____
(Septic Tank/Soil Absorption System page ST3) Table 1

What is the minimum distance between trench center line if the trench is 30 to 36 inches wide? _____
(Septic Tank/Soil Absorption Systems page ST22) Table 2

Rigid or corrugated plastic approved by the _____ is acceptable material for lateral lines.
(Septic Tank/Soil Absorption Systems page ST23)

The lagoon bottom and embankment surfaces shall be of uniform slope and free of rocks, slope debris, ridges and ruts.

True or False

(Wastewater Stabilization Ponds page WP-7)

A lagoon that is identified as M-55 has the following dimensions:

- Bottom (A) _____
- Dike (B) _____
- Water level @ 5 feet (C) _____
- Dike width _____
- Depth to top of dike _____
- Freeboard _____
- Slope (X) _____

(Wastewater Stabilization Ponds page WP-16)

For your safety:

List the recommended immunizations for those with potential contact sewage or sludge.

(WS-17) Table 8

For your information:

What percentage of housing units in Atchison County has on-site private sewage systems?
_____ %

(WS-18) Appendix WS-A

Thanks for obtaining your license to install on-site private sewage systems in Atchison County. This agency looks forward to working with you.