



Sewage Treatment Systems Contractor Exam

Test Date _____ Test Location _____

Proctor _____

Contractor Name _____

Name of Business _____

Address _____

County where business is located _____

Phone Number _____

Email address _____

Applicable Rule	Question	Correct Answer
3701-29-12	1. A building sewer shall be watertight and have a minimum diameter of _____ inches. A. 2 B. 4 C. 6 D. 10	
3701-29-15	2. Timed micro-dosing of effluent, as provided through a drip distribution system, qualifies for what soil depth credit? A. 6 inches B. 12 inches C. 24 inches D. It does not qualify for a soil depth credit	
3701-29-12	3. Effluent dosing pumps shall: A. Be rated for effluent service by the manufacturer B. Inspected by a plumbing inspector C. Used for all systems D. Replaced every three years	
3701-29-20	4. The amount of septage applied on a site shall not exceed a volume determined by the: A. Number of acres B. Annual nitrogen application rate required for the crop C. Population of the township where it is applied D. Size of the septage hauler truck	
3701-29-06	5. A STS must be _____ feet from a lake or other surface impoundment of water. A. 100 B. 50 C. 25 D. 10	
3701-29-15	6. _____ distribution shall be required when applying effluent to the sand fill infiltrative surface of a soil absorption component. A. Pressure B. Drip C. Either A or B D. Gravity	

3701-29-09	7. Prior to accepting an application for permit to install or alter a STS, the board of health shall require: A. A site review B. Floor plan of the building C. Design from a professional surveyor D. Owner's deed	
3701-29-03	8. To demonstrate competency, an installer shall: A. Maintain status as a certified installer of onsite wastewater treatment systems (CIOWTS) through the National Environmental Health Association (NEHA) B. Complete at least six continuing education hours per calendar year. C. Either A or B D. Provide references	
3701-29-07	9. The record of site and soil characteristics for each soil boring or excavation shall include: A. Site descriptions B. Detailed soil profile descriptions C. Documentation of any relevant surface hydrology, geologic and hydrogeologic risk factors D. All of the above	
3701-29-01	10. STS means sewage treatment system and: A. Only includes household sewage treatment systems (HSTS) B. Only includes small flow onsite sewage treatment systems (SFOSTS) C. Includes a municipal wastewater treatment plant D. Can be either HSTS or SFOSTS	
3701-29-17	11. All pipes conveying gray water must be labeled with the following letters in capital letters "Caution: Non-potable water, do not drink" or the pipe shall be colored or striped with the color _____. A. Orange B. Blue C. Purple D. Green	
3701-29-15 Appendix B	12. A service agreement for a mound system with pretreatment shall include the maintenance and monitoring of: A. Only mechanical devices within the pretreatment component B. Only the pretreatment component C. All components of the STS, including pretreatment, dosing devices, and sand mound D. Only the pretreatment component and dosing devices	
3701-29-15 Appendix B	13. The soil cover on a mound shall be _____ and the mound shall be crowned to promote runoff. A. 18 inches B. 12 inches C. 6 inches D. 24 inches	

3701-29-15.1	14. In a pressure distributed system, the orifices in the pipe shall be: A. Uniform, clean, and free of all drill cuttings B. No less than 1/8 inch in diameter C. Both A & B D. Cut all the way through (both sides) the pipe	
3701-29-21	15. Solid materials such as filter media, mechanical devices, and other components from an abandoned STS shall be: A. Left in the tank B. Removed and buried in another location C. Taken to an approved solid waste disposal facility D. Sold to another homeowner	
3701-29-01	16. An installer is a person that: A. Designs STS B. Sells STS C. Engages in the business of installing or altering STS D. Operates STS	
3701-29-09	17. On the drawing of the completed system, a registered installer shall indicate that the STS has been installed: A. In accordance with the sewage rules B. As the installer thinks best C. As it was always done in the past D. As the homeowner said to do it	
3701-29-15 Appendix A	18. A leaching trench bottom shall be as _____ as practicable along its length and shall follow the natural surface contour. A. Square B. Long C. Level D. Compacted	
3701-29-01	19. An expansion of the treatment or dispersal system is an example of STS: A. Alteration B. Repair C. Replacement D. None of the above	
3701-29-23	20. Upon determining non-compliance the board of health shall: A. Notify the owner or other responsible party B. Specify corrective action C. Specify timeline for compliance D. All of the above	
3701-29-03	21. To demonstrate competency, a septage hauler may: A. Maintain certification as a vacuum truck technician through the National Association of Wastewater Transporters (NAWT) B. Complete at least six continuing education hours per calendar year C. Provide references D. Either A and B	

3701-29-20	22. Domestic septage shall be disposed at A. A wastewater treatment plant B. An approved land application site C. A landfill D. Either A or B	
3701-29-23	23. The board of health may at any reasonable time _____. A. Inspect any STS B. Conduct sampling C. Collect data D. All of the above	
3701-29-03	24. Any vehicle and equipment used for septage hauling shall be marked with _____ that is readily legible during daylight hours from a distance of 50 feet. A. Company name and phone number B. County of registration C. Name of the driver D. List of material being hauled	
3701-29-02	25. An existing HSTS that was operating prior to the effective date of the rules: A. must be replaced with a mound B. cannot be repaired C. is deemed approved unless it causes a public health nuisance D. is deemed to be in violation of the rules	
3701-29-09	26. A legible drawing of the completed system installation signed by the installer shall include which of the following: A. Identification of specific products installed as part of the STS B. Any changes to the approved design C. Plan view drawings D. All of the above	
3701-29-06	27. New lots or subdivisions must use what type of STS? A. Discharging systems B. Soil absorption systems C. Only mounds D. Only leaching trenches	
3701-29-23	28. No person shall violate ORC 3718, the STS rules, orders issued by the board of health, or the conditions of a _____ issued in accordance with the STS rules. A. Building permit B. Professional license C. Registration or permit D. Jury verdict	
3701-29-03	29. For homeowners to install their own HSTS, they must: A. Own a backhoe B. Become a registered installer C. Have 5 years installation experience D. Sign a waiver	

3701-29-16	30. Surface water runoff shall be diverted by: A. Piping it to the adjoining lot B. Diversion swales C. Gradient drains D. Creating a dam	
3701-29-07	31. Every site drawing for a soil evaluation shall include: A. Existing dwellings or structures B. Location of private water systems C. North orientation arrow D. All of the above	
3701-29-01	32. Gray water includes wastewater discharged from: A. Kitchen sink B. Toilet C. Bathtubs and showers D. All of the above	
3701-29-16	33. An existing drain tile must have at least _____ of horizontal separation from any STS components. A. 50 feet B. 20 feet C. 8 feet D. 75 feet	
3701-29-12	34. Control panels and alarms shall: A. Be easily accessible B. Be field tested C. Include written instructions D. All of the above	
3701-29-20	35. Land application of domestic septage must comply with federal regulation: A. 40 CFR 503 B. OAC 3701-29 C. ORC 3718 D. Clean Air Act	
3701-29-09	36. An operation permit shall require a service contract for: A. All existing STS in Ohio B. Any HSTS subject to the NPDES General Permit C. Gravity leaching trench systems D. Use of a privy	
3701-29-03	37. To demonstrate competency, a service provider may: A. Maintain status as an Ohio Waste Hauler Association (OWHA) qualified service provider B. Maintain certification in the National Association of Wastewater Transporters (NAWT) O&M or inspector programs C. Complete at least six continuing education hours per calendar year D. Any of the above	
3701-29-15 Appendix A	38. A gravel and pipe leaching trench system shall have _____ covering the aggregate. A. Geotextile fabric or straw B. Impermeable roof paper C. Rubber matting D. Newspaper	

3701-29-01	39. A household sewage treatment system (HSTS) is a system that receives sewage from: A. A store B. A one, two, or three family dwelling C. City sewer lines D. All of the above	
3701-29-06	40. A STS must be _____ feet from driveways, property lines, etc. A. 100 B. 50 C. 25 D. 10	
3701-29-09	41. Who must submit a drawing of the completed system installation? A. local health district B. registered installer C. building contractor D. plumbing inspector	
3701-29-01	42. A small flow onsite sewage treatment system (SFOSTS) means a system other than a household sewage treatment system that treats not more than _____ gallons per day and does not require a NPDES permit. A. 1,000,000 B. 1,000 C. 120 D. 10,000	
3701-29-06	43. Sewage or effluent shall <u>NOT</u> be discharged to: A. Abandoned well B. Dry well or cesspool C. Sink hole D. All of the above	
3701-29-15 Appendix A	44. The minimum distance between the sidewalls of two adjacent gravity-fed trenches shall be _____ feet. A. 4 B. 6 C. 8 D. 10	
3701-29-15 Appendix A	45. A leaching trench using pipe and gravel shall have a minimum _____ inches of gravel. A. 24 B. 18 C. 12 D. 8	
3701-29-06	46. A STS must be _____ feet from a water supply source. A. 100 B. 50 C. 25 D. 10	

3701-29-01	47. A service provider is defined as a person that: A. installs or alters sewage treatment systems B. services but does not install or alter sewage treatment systems C. sells components of sewage treatment systems D. owns a sewage treatment system	
3701-29-13	48. Pretreatment components shall only be permitted by a board of health if approved by: A. Local zoning B. Ohio Department of Health C. State building department D. Ohio State University	
3701-29-13	49. Sample collection ports in pretreatment components shall be constructed to allow for at least _____ inches of free fall between the invert of the inlet and outlet of the sample port. A. 2 B. 4 C. 6 D. 8	
3701-29-06	50. A STS shall not: A. Create a public health nuisance B. Create a safety hazard C. Pollute surface water or ground water D. All of the above	
3701-29-01	51. The installation of a new leach field to replace a failed leaching system would be considered a: A. Repair B. Alteration C. Replacement D. None of the above	
3701-29-02	52. Persons responsible for compliance with the rules, including the siting, design, installation, alteration, operation, monitoring, service and maintenance, repair, and abandonment of a STS may include the homeowner or responsible management entity and: A. Installer B. Service Provider C. Hauler D. All of the above	
3701-29-15 Appendix A	53. Special safety and/or installation criteria are required for leaching trenches sited on slopes greater than _____ slope. A. 15% B. 25% C. 40% D. 50%	
3701-29-12	54. An HSTS for a three bedroom home will require a _____ gallon septic tank. A. 1000 B. 2000 C. 1500 D. 500	

3701-29-21	55. Which of the following information must be provided to the board of health when a STS is abandoned: A. Owner and location of the abandoned STS B. Name of the registered hauler that removed contents of the tank(s). C. Name of the person/registered installer that performed the abandonment and the method of abandonment D. All of the above	
3701-29-10	56. A sewage treatment systems designer shall: A. Be a professional engineer B. Register with the state C. Be able to interpret and evaluate all site specific information, including the soil evaluation, site conditions, site prohibitions and information provided by the owner D. All of the above	
3701-29-18	57. Holding tanks must have a(n) _____ from a board of health. A. Variance B. Plumbing permit C. Approval sticker D. Seat	
3701-29-21	58. When a tank is abandoned, the contents of the tank are to be removed by a registered septage hauler and the tank: A. Is returned to the manufacturer B. Is filled with clean water C. Properly collapsed to prevent containment of water and filled with inert material D. Used for storage	
3701-29-01	59. Domestic septage is defined as liquid or solid waste removed from which of the following: A. Sewage treatment system B. Holding tanks for campers and recreational vehicles C. Grease traps D. Both A & B	
3701-29-03	60. Installers, service providers, and septage haulers shall: A. Register in each jurisdiction they work B. Maintain at least 6 hours of continuing education each year C. Have surety bond for each category of registration D. All of the above	
3701-29-16	61. A drain outlet must have free flow from the invert of the pipe to allow for: A. Sampling B. Maintenance C. Animal entry D. Grass mowing	
3701-29-12	62. Septic tanks shall have a minimum of two watertight risers that provide: A. For installing tanks deep in the ground B. Access to the inlet and outlet of the tank C. A means to enter the tank D. None of the above	

3701-29-18	63. A privy may not have what type of connections? A. Vent pipes B. Plumbing or drain connections C. Forced air vents D. Risers	
3701-29-01	64. Monitoring is defined as the activity of: A. Verifying performance requirements B. Servicing a STS C. Talking about an STS D. Smelling an STS	
3701-29-20	65. Domestic septage may not be applied within _____ feet of any dwelling, business, or location used for community gatherings. A. 200 B. 50 C. 1000 D. 500	
3701-29-09	66. Prior to beginning construction of STS, an installer shall review all information on the site review, design, and soil evaluation. If changes to the permitted design are necessary, the owner and installer shall consult: A. Board of health B. System designer C. Zoning inspector D. Both A & B	
3701-29-12	67. All septic tanks, treatment component tanks, and dosing tanks must be: A. Square B. Watertight C. Concrete D. Fiberglass	
3701-29-01	68. A septage hauler is a person that: A. Services aerator motors B. Engages in the collection, transportation, disposal, and land application of domestic septage C. Manufactures septic tanks D. Alters STS	
3701-29-01	69. A SFOSTS may serve: A. Multiple dwellings or structures with no more than a combined 1000 gallons per day flow B. More than one vacation rental cabin C. A home business with a public restroom D. All of the Above	
3701-29-15 Appendix B	70. The mound installer documentation shall include: A. Measured height of the distal operating head B. Horsepower of the installed pump C. Water usage in the home D. Price of the sand	

3701-29-03	71. A septage hauler shall obtain a permit A. For each vehicle used to haul septage B. For each employee C. For each treatment plant where septage is taken D. For each system pumped	
3701-29-06	72. A building sewer shall be a minimum _____ feet from any household water supply source and water service line (except within five feet of the foundation where both lines enter the building). A. 100 B. 10 C. 50 D. 75	
3701-29-19	73. O&M instructions can be accessed on Ohio Department of Health and _____ web sites. A. Manufacturer B. Installer C. Septage hauler D. Service provider	
3701-29-12	74. One year after the effective date of the rules, septic tanks used in a STS must be reviewed and approved by: A. Local building code B. Ohio Department of Health C. Local health district D. Ohio Environmental Protection Agency	
3701-29-15 Appendix A	75. A general requirement for designing a STS sewage trench is that it be oriented A. Parallel to natural surface contours B. To flow upslope C. So that one end is deeper than the other D. Very deep in the soil profile	

Test Score: _____

Scored by: _____