

Regulations of the
Geauga County General Health District

HOUSEHOLD SEWAGE DISPOSAL SYSTEM
CHAPTER 3701-29

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3701-29-01 Definitions.

As used in regulations 3701-29-01 to 3701-29-21, or the Household Sewage Disposal System Regulations of the Geauga County General Health District.

- (A) "Aerobic type treatment system" means any system which utilizes the principle of oxidation in the decomposition of sewage by the Introduction of air into the sewage or by surface absorption of air for a sufficient period of time to effect adequate treatment.
- (B) "Alter" means to change by making substantive additions or deletions in location, design or materials of existing household sewage disposal systems.
- (C) "Bedroom" means any room within a dwelling that might reasonably be used as a sleeping room including but not limited to rooms designated as a den, office, or study. The room has an egressable window, a door that can close and provide privacy and the room is 80 sq. ft. or larger.
- (D) "Board of Health" means the Board of Health of a city or general health district, or the authority having the duties of a Board of Health in any city as authorized by section 3701-05 of the Revised Code.
- (E) "Building drain" means that part of the lowest horizontal piping of a building drainage system which receives the discharge from soil, waste, and other drainage pipes inside the walls of any building, and conveys such discharge to the building sewer three feet outside the building wall.
- (F) "Building sewer" means that part of the horizontal piping or a drainage system which receives and conveys the discharge from the building drain to the public sanitary sewer, private sanitary sewer, household sewage disposal system, or other points of disposal.
- (G) "Curtain drain" means a subsoil drain that prevents the entrance of ground water into the area of the household sewage disposal system.
- (H) "Dwelling" means any building or place used or intended to be used by human occupants as a single family, two family, or three family residence.
- (I) "Easily accessible" means of such location and design as to permit exposure with the use of only simple tools, such as screwdriver, pliers, open end wrench, or other simple tools supplied by the manufacturer.
- (J) "Filter" means any device or material which separates matter in suspension from a liquid.
- (K) "Health Commissioner" means the Health Commissioner of a city or general health district or his authorized representative.
- (L) "Household sewage disposal system" means any sewage disposal or treatment system or part thereof for a single family, two family, or three family dwelling which receives sewage.
- (M) "Installer" means any person who installs or is in the business of Installing a household sewage disposal system or part thereof.
- (N) "Leaching system" means that part of a household sewage disposal system used to dissipate the effluent from a sewage tank by means of evaporation, transpiration, soil absorption, soil percolation or any combination thereof.
- (O) "Leaching pit" means any covered pit with lining designed to permit effluent from a sewage tank to seep into the surrounding soil.

- (P) "Lot" means the land area used or intended to be used as a single family, two family, or three family dwelling site.
- (Q) "Normal ground water table" means the shallowest depth of soil which is saturated with water for an extended or permanent time period.
- (R) "Nuisance" means any condition of sewage that is potentially Injurious to the health, safety, comfort, or property of a person, or pollutes waters of the state.
- (S) "Person" means the state, any political subdivision, public or private corporation, partnership, firm, association, individual, or other entity.
- (T) "Point of discharge" means the point at which the effluent from a household sewage disposal system or curtain drain enters a public ditch or discharges to the surface of the ground or to a body of water.
- (U) "Pollution" means the placing of any noxious or deleterious substance in any waters of the state or affecting the properties of any waters of the state in a manner which renders such waters harmful or inimical to the public health, or to animal or aquatic life, or to the use of such waters for domestic water supply, or industrial or agricultural purposes, or for recreation.
- (V) "Privy" means any sanitary, waterless device for the collection and storage of human excreta but does not include chemical commodes or other portable receptacles.
- (W) "Sanitary sewerage system" means any public or community sewerage collection system conveying sewage to a central sewage treatment plant.
- (X) "Seasonally high water table" means the shallowest depth of soil which is saturated with water during a season, a temporary period of time, or as a temporary condition.
- (Y) "Secured cover" means a removable cover or manhole that prohibits unwarranted or unauthorized removal.
- (Z) "Septic tank" means any watertight, covered receptacle designed and constructed to receive the discharge of sewage from a building sewer, and to discharge the effluent from settled sewage.
- (AA) "Sewage" means any liquid waste containing animal or vegetable matter in suspension or solution from water closets, urinals, laboratories, bathtubs, laundry tubs or devices, floor drains, drinking fountains, or other sanitary fixtures, and may include liquids containing chemicals in solution.
- (BB) "Sewage tank" means any watertight tank designed to retain sewage and includes, but is not limited to, septic tanks and aerobic type treatment tanks.
- (CC) "Sewage tank cleaner" means any person who engages in the collection, transportation, and disposal of the contents of sewage tanks, or privies.
- (DD) "Subdivision" means that which is defined by section 711-001 of the Ohio Revised Code.

3701-29-02 Sewage disposal requirements.

- (A) The design, construction, installation, location, maintenance, and operation of household sewage disposal systems including, but not limited to, septic tanks, aerobic type treatment systems, filters, leaching tile fields, leaching wells, building sewers, and privies or part thereof shall comply with these rules and engineering practices acceptable to the Ohio Department of Health and current Ohio Environmental Protection Agency effluent standards.
 - (1) The treatment systems shall be set level and at the correct elevation.
 - (2) All joints, connections, risers, etc., shall be sealed with the appropriate waterproof material to prevent the infiltration of surface water.
 - (3) Sewage tanks shall be durable and of watertight construction; constructed of materials resistant to corrosion, decay and degradation; as well as capable of supporting loads to which they are subjected.
 - (4) All household sewage disposal systems within flood-prone areas should be located, designed and installed to avoid impairment to them or contamination from them during flooding.
 - (5) Electrical work and equipment shall be installed properly and comply with the current standards of the National Electric Code of the national Fire Protection Association.
- (B) Any dwelling which is not connected to a sanitary sewerage system shall be provided with an approved household sewage disposal system prior to its being occupied. When an existing dwelling is destroyed by natural acts, the existing household sewage disposal system shall be deemed acceptable, provided:
 - (1) The household sewage disposal system complies with the laws, rules, and regulations in effect at the time of its installation.
 - (2) The household sewage disposal system is not creating a public health nuisance.
 - (3) The proposed dwelling conforms substantially in design and location to the previous dwelling.
- (C) Each household sewage disposal system shall serve one dwelling on an individual lot and shall be properly maintained and operated by the owner. All the sewage from the dwelling shall discharge into the system.
- (D) No household sewage disposal system or part thereof shall create a public health nuisance.
- (E) No person shall discharge, or permit to be discharged, treated or untreated sewage, the overflow drainage or contents of a sewage tank, or other putrescible, impure, or offensive wastes into an abandoned water supply, well, spring, or cistern or into a natural or artificial well, sink hole, crevice, or other opening extending into limestone, sandstone, shale, or other rock formation, or normal ground water table.
- (F) No person shall discharge, or permit to cause to be discharged, treated or untreated sewage, the drainage or contents of a sewage tank, or other putrescible or offensive wastes onto the surface of the ground, into any street, road, alley, open excavation, or underground drain.
 - (1) The health district will conduct lot evaluations regarding all lots. If the lot is disapproved

for the installation of an on-site system, the applicant will receive written verification from the health district regarding the disapproval of the lot. The applicant will then be directed to OEPA for NPDES approval.

- (2) Installation or operation permits will only be issued once the health district has received written verification of NPDES approval from OEPA.
- (G) Off lot disposal of sewage effluent shall not be permitted except where installation of an on-lot disposal system is not possible as specified in regulations 3701-29-10(A), 3701-29-10(B) and 3701-29-11(B). Off-lot discharge of properly treated sewage effluent may be permitted only where ground water, bedrock, or soil conditions preclude total on-lot systems or the available area is insufficient to accommodate such systems, and the following conditions are met:
- (1) When off lot disposal of sewage effluent requires the crossing of adjacent properties to reach the point of discharge a recorded easement or the use of a legally established, publicly maintained drainage improvement from the dwelling lot line to the point of discharge shall be required.
 - (2) Written permission to discharge sewage effluent from the person or persons in control of the property or properties at the point of discharge shall be required. The following are considered as discharge points:
 - (a) Natural watercourse such as a river or year round flowing stream may be used provided it carries water year round of a volume sufficient to prevent pooling and stagnation of the discharge and can provide a dilution factor of four parts water to one part effluent.
 - (b) Storm sewers, collector tiles or any drain carrying sewage, whether raw or partially treated, including sewage effluent from two or more dwellings shall be considered a sanitary sewer and therefore, subject to regulation by the Ohio Environmental Protection Agency. When approved by that agency, properly treated effluent may be discharged into those conveyances.
 - (c) Ditches may be used as a discharge point only where no other receiving watercourse or drain is available and the ditch itself discharges to an acceptable natural water course. The ditch must be designed, constructed and maintained to assure unobstructed flow without pooling or overflowing out of the channel.
 - (d) All other discharge points are only allowed under the variance provisions of regulation 3701-29-20.
 - (3) Sewage effluent quality as measured at the point of discharge in the system shall comply with current effluent standards established by the Director of the Ohio Environmental Protection Agency.

In the event there are no applicable standards established by the Director of the Ohio Environmental Protection Agency, the following standards shall apply:

- (a) Biochemical oxygen demand (five-day) - The arithmetic mean of two or more effluent samples taken at intervals of not less than twenty-four hours shall not exceed twenty milligrams per liter.
- (b) Suspended solids - The arithmetic mean of two or more effluent samples taken at intervals of not less than twenty-four hours shall not exceed forty milligrams per liter.
- (c) Fecal coliform- Water samples exceeding 5,000 fecal coliform counts

per 100 milliliters in 2 or more samples shall be considered creating a public health nuisance.

- (4) When test results indicate that the standards set forth in regulation 3701-29-02(G)(3) are not being met or nuisances are being created, additional treatment devices may be required by the Board of Health.
- (5) All reasonable means shall be taken to minimize the amount of effluent discharged off the lot.
- (H) Lots on which household sewage disposal systems for dwellings are to be installed shall be of suitable topography and area to permit compliance with regulations 3701-29-01 to 3701-29-21 of the Household Sewage Disposal System Regulations of the Geauga County General Health District.
 - (1) A suitable area shall be available to provide for the complete relocation and replacement of the household sewage disposal system as required by regulations 3701-29-01 to 3701-29-21 of the Household Sewage Disposal System Regulations of the Geauga County General Health District.
- (J) Lots on which private water supplies are to be installed will be of sufficient area to provide isolation of the water supply system from both the original household sewage disposal system and the area intended for any relocation and replacement on this or adjacent lots as required by regulations 3701-29-01 to 3701-29-21 of the Household Sewage Disposal System Regulations of the Geauga County General Health District.
- (K) A household sewage disposal system shall be a minimum of ten feet from any lot or right-of-way line, ten feet from any occupied building, ten feet from any water service line, fifty feet from any water supply course on this or any adjacent lot and five feet from all road ways, driveways, or turnarounds.
- (L) No household sewage disposal system shall be installed, maintained, or operated on property accessible to a sanitary sewerage system.
- (M) Whenever a sanitary sewerage system becomes accessible to the property, a household sewage disposal system shall be abandoned and the house sewer directly connected to the sewerage system.
- (N) Roof water, foundation drain, cistern overflow, surface drainage, subsurface drainage, water softener backwash discharges, or any other sources that do not convey or generate sewage from the structures served by the sewage treatment system shall not be discharged into a household sewage disposal system.
- (O) Plastics in any form, wet strength paper towels, cloth of any kind, rubber products, throw-away baby diapers, cigarette stubs, sand, grit, coffee grounds, excess cooking oils or greases, solvents, paints, caustic or oily liquids or materials, kerosene, gasoline, motor oil, floor waxes or any other wastes known to adversely effect the household sewage disposal system shall not be deposited or flushed in plumbing fixtures nor shall they otherwise be Introduced into a building sewer or household sewage disposal system.
- (P) Any liquid holding device (Jacuzzi, hot tubs, etc.) with a capacity greater than 50 gallons which discharges into the sewage disposal system will require additional leaching trench line (as per soil rating) to be installed. The amount of leaching trench line to be added will be based upon the minimum amount of trench for bedroom for that specific soil rating. (Rated on after body dispersion)

3701-29-03 Subdivisions.

- (A) Any person proposing to create a subdivision shall submit to the Board of Health for approval, plans clearly showing that the provisions of sections 3701-29-01 to 3701-29-21

of the Household Sewage Disposal System Regulations of the Geauga County General Health District can be adequately met before any of the lots in the subdivision are sold or offered for sale, whether or not such sale entails a transfer of title or deed.

- (B) Individual household sewage disposal systems may be installed in new subdivisions of land unless such systems in the opinion of the Board of Health are not feasible because of physical limitations of the lot or site.
- (C) If household sewage disposal systems are proposed, the plans shall show:
 - (1) The total land area to be used;
 - (2) Location and size of all lots;
 - (3) The properties and characteristics of the soils in the subdivision;
 - (4) Depth to normal ground water table and rock strata;
 - (5) Location of all bodies of water, streams, ditches, sewers, drain tile, existing and proposed potable water supply sources and lines on this or adjacent lots within one hundred feet of the proposed subdivision, or any other information which may affect the installation or operation of household sewage disposal systems or the enforcement of regulations 3701-29-01 to 3701-29-21 of the Household Sewage Disposal System Regulations of the Geauga County General Health District.
 - (6) Existing and finish grade of all lots.
- (D) If the proposed subdivision is to be served by either a sanitary sewerage system or a water supply system or both, plans shall be submitted to the Ohio Environmental Protection Agency as required by section 6111.44 of the Revised Code.

3701-29-04 Installation permit and operation permit

- (A) No person shall install, or alter a household sewage disposal system without an installation permit issued to him by the Board of Health. The owner or his designated agent shall obtain such installation permit from the Board of Health for the installation of a household sewage disposal system prior to the start of construction of a dwelling.
 - 1. If work begins on the installation of a sewage system before the sewage permit is issued, the installation permit fee will be twice the amount of the installation permit fee. This permit fee must be paid before the permit will be issued.
- (B) No person shall maintain or operate a household sewage disposal system installed after the effective date of this rule without an operation permit obtained from the Board of Health.
- (C) Application for permit shall be in writing and contain pertinent information as required by the Board of Health. Any fee established for a permit by law or authority of law shall accompany the application.
- (D) The Board of Health will issue a permit when the pertinent information indicates that the provisions of regulations 3701-29-01 to 3701-29-21 of the Household Sewage Disposal System Regulations of the Geauga County General Health District can be met. The Board of Health may specify terms consistent with regulations 3701-29-01 to 3701-29-21 on the permit governing the installation, alteration, and operation of the household sewage disposal system.
- (E) The Board of Health shall deny a permit if the information on the application is incomplete, inaccurate, or indicates that the provisions of regulations 3701-29-01 to

3701-29-21 of the Household Sewage Disposal System Regulations of the Geauga County General Health District cannot be met.

- (F) An installation permit shall remain in force until completion of the household sewage disposal system or for one year from the date of issuance, whichever occurs first. The permit may be revoked or suspended by the Board of Health. An operation permit shall remain in force until it expires, is revoked, or suspended by the Board of Health.
- (G) The Installation and operation of the household sewage disposal system or any part thereof shall conform with the requirements of regulations 3701-29-01 to 3701-29-21 of the Household Sewage Disposal System Regulations of the Geauga County General Health District and the terms of the permit as required by the Board of Health in division D of this regulation.

3701-29-05 Registration of installers of household sewage disposal systems or parts thereof

- (A) No person/firm shall perform major repairs on a household sewage disposal system or install a household sewage disposal system unless he holds a valid registration issued to them by the Board of Health.
- (B) Application for registration shall be in writing and contain pertinent information as required by the Board of Health. Any fee established for a registration by law or authority of law shall accompany the application.
 - (1) Any individual/firm applying to become a registered household sewage disposal system installer must be able to pass a written test as provided by the health district. In certain instances, the health district may allow the requester to use an actual installation as the test in lieu of a written test. Individuals that have previously passed the test will not be required to be retested unless regulation changes have taken place.
 - (2) Any individual/firm applying for registration as a household sewage installer must provide written verification of a current \$25,000.00 performance/surety bond. Health District may use any part or all of the bond should corrective action be warranted by the Board of Health.
 - (3) All installers must pass a written exam provided by the Health District. Testing fee as set by the Board of Health is due at the time of exam.
- (C) Each registration issued hereunder shall expire annually.
- (D) A renewal application for registration shall be submitted to the Board of Health at least thirty days prior to the expiration date.
- (E) Every registrant shall maintain and submit to the Board of Health such data and records as may be required for determining compliance with regulations 3701-29-01 to 3701-29-21 of the Household Sewage Disposal System Regulations of the Geauga County General Health District.
- (G) Whenever the Health Commissioner finds that an installer is or has engaged in practices which are in violation of any provision of regulations 3701-29-01 to 3701-29-21 of the Household Sewage Disposal System Regulations of the Geauga County General Health District or the terms of any permit as required by the Board of Health in regulation 3701-29-04D under which installation is performed, the Board of Health shall give notice in writing to the registrant describing the alleged violation and state that an opportunity for a hearing will be provided by the Board of Health to show cause why his registration should not be suspended or revoked.

Section 3701-29-05(1) Aerobic/Aeration Unit Evaluators/Service Provider

- (A) No person, firm or corporation shall service, repair or evaluate any aerobic/aeration type unit, drip design, mound, or other non-leaching type systems unless they hold a valid registration issued by the health district
- (B) Every individual/firm must provide a copy of written verification of a current performance bond in the amount of \$10,000.00. The Health District may use any part or all of the bond should corrective action be warranted by the Board of Health.
- (C) Application for registration shall be in writing and on the form approved by the health district. The registration fee shall be established by the Board of Health.
- (D) Every individual aerobic/aeration unit evaluator must show verification that he/she has successfully completed an operational/maintenance training session on each brand of aeration unit he/she will be servicing, repairing or evaluating.
- (E) Each registration shall expire annually as of December 31st of that year.
- (F) Registration may be denied if the applicant fails to fully complete the application or there are previous infractions which warrant denial of such registrations.
- (G) Only one yearly registration is required per firm or corporation. A list of trained employees as per paragraph (D) shall be provided to the health district.
- (H) Only components approved by the National Sanitation Foundation or the Ohio Department of Health shall be used.
- (I) Whenever the health district finds that any aerobic/aeration unit evaluator has or is engaged in practices which are in violation of any part of the sewage regulations or the terms of any permit shall be given notice in writing and provided with an opportunity for a hearing in front of the Board of Health to show cause why his registration should not be suspended, revoked and/or fined.

3701-29-06 Registration of sewage tank cleaners

- (A) No person shall perform the services of a sewage tank cleaner unless he holds a valid registration issued to him by the Board of Health.
- (B) Application for registration shall be in writing and contain pertinent information as required by the Board of Health. Any fee established for registration by law or authority of law shall accompany the application.
- (C) The Board of Health shall issue a permit, then the pertinent information indicates that the provisions of regulations 3701-29-01 to 3701-29-21 of the Household Sewage Disposal System Regulations of the Geauga County General Health District can be met. The Board of Health may specify terms consistent with regulations 3701-29-01 to 3701-29-21 on the permit governing the collection, transportation, and disposal of the contents of sewage tanks or privies.
- (D) Each registration issued hereunder shall expire annually.
- (E) A renewal application for registration shall be submitted to the Board of Health at least thirty days prior to the expiration date.
- (F) Every registrant shall maintain and submit to the Board of Health such data and records as may be required for determining compliance with regulations 3701-29-01 to 3701-29-21 of the Household Sewage Disposal System Regulations of the Geauga County General Health District.
 - (1) All pump receipt forms must be submitted to the Health District within 30 days of pumping.

- (G) Whenever the Health Commissioner finds that a sewage tank cleaner is or has engaged in practices, which are in violation of any provision of regulations 3701-29-01 to 3701-29-21 of the Household Sewage Disposal System Regulations of the Geauga County General Health District the terms of the registration permit as required by the Board of Health in regulation 3701-29-06(C), or applicable laws of the state, the Board of Health shall give notice in writing to the registrant describing the alleged violation and state that an opportunity for a hearing will be provided by the Board of Health to show cause, why his registration should not be suspended or revoked.

3701-29-06 A Registration of Soil Professionals

- (A) No person/firm shall perform or provide soil analysis or report for siting of a sewage disposal system unless he holds a valid registration issued to him by the Board of Health.
- (B) Application for registration shall be in writing and contain pertinent information as required by the Board of Health. Applicable registration fee shall accompany the registration application.
 - (1) Any individual/firm applying to become a registered soil professional (soil scientist, soil classifier), must possess the ARCPACS certification from the American Society of Agronomy (ASA) or Ohio Pedologists.
 - (2) Any individual/firm applying for registration as a soil professional must provide written verification of current \$500,000 Liability Insurance. The health district may use any part or all of the bond should corrective action be warranted by the Board of Health as to notice given.
- (C) Each registration issued hereunder shall expire annually.
- (D) A registration renewal application shall be submitted to the Board of Health at least thirty days prior to the expiration date.
- (E) Every registrant shall maintain and submit to the Board of Health a written soil analysis report(s) which must include a map specifically showing soils boundaries for each individual lot(s) and any other environmental factors that may inhibit compliance with regulations 3701-29-01 to 3701-29-21 of the Household Sewage Disposal System Regulations of the Geauga County Health District.
- (F) Whenever the Health Commissioner finds that a soil professional is or has engaged in practices which are in violation of any provision of regulations 3701-29-01 to 3701-29-21 of the Household Sewage disposal System Regulations or has provided information that is incorrect, the Board of Health shall give written notice to the registrant describing the alleged violation and state that an opportunity for a hearing will be provided by the Board of Health to show cause why his registration should not be suspended or revoked.

3701-29-07 Septic Tank

- (A) The minimum capacity of septic tanks shall be:
 - (1) Single family dwelling;
 - (a) One to five bedrooms - 2000 gallons in two tanks or compartments,
 - (b) Six or more bedrooms - 2500 gallons in two tanks or compartments.
 - (2) Two or three family dwelling - the sum of the volumes for each single family residential unit within the dwelling as defined by regulation 3701-29-07(A)(1).

- (B) In systems using two tanks, the septic tanks shall be connected in series and all sewage shall initially enter the first tank.
- (C) The invert level of the inlet shall be not less than two inches above the liquid level of the tank.
- (D) A vented inlet baffle shall be provided to divert the incoming sewage downward. The baffle shall penetrate at least six inches below the liquid level, but the penetration shall not be greater than that allowed for the outlet device.
- (E) The outlet shall be fitted with a vented tee, vented ell, or baffle which shall extend not less than six inches above and not less than eighteen inches below the liquid level of the tank.
- (F) The septic tank shall have a liquid drawing depth of not less than four feet.
- (G) The distance from the flow line to the cover shall be at least twelve inches.
- (H) The septic tank shall be installed with a minimum of one secured cover extended to grade to provide access to each compartment of the tank for inspection and cleaning. The cover shall have a minimum inside diameter of ten inches.
- (I) All septic tanks or other tanks used in a sewage treatment system must be watertight.
- (J) An NSF approved sewage effluent filter must be installed on the outlet of the last septic tank.

3701-29-08 Aerobic type treatment systems

- (A) Aerobic type treatment systems shall comply with standard number forty as adopted by the national Sanitation Foundation Board of Trustees or standards accepted as equivalent by the Ohio Department of Health relating to materials, designs, construction, performance, operation, maintenance, and safety of the system In effect at the time of acceptance of a system by the Ohio Department of Health and the requirements of regulation 3701-29-01 to 3701-29-21 of the Household Sewage Disposal System Regulations of the Geauga County General Health District.
- (B) In addition to division (A) of this rule, aerobic type treatment systems shall comply with the following requirements:
 - (1) Where a final effluent sample cannot easily be obtained from within the system, a sampling well immediately following the system shall be provided. The sampling well, with a minimum inside diameter of eight inches, shall be accessible from the surface of the ground, and shall be provided with a secured cover.
 - (2) The system shall be sized on the basis of one hundred-twenty gallons per day per bedroom.
 - (3) The system shall not be installed where the estimated daily flow exceeds the rated capacity at which the system was tested and approved.
- (C) An aerobic type treatment system may be permitted under the conditions provided in regulation 3701-29-02(6) for off-lot discharge, or in conjunction with a leaching tile field, or other means approved by the Ohio Department of Health to prevent water pollution or a nuisance.
- (D) Prior to off-lot discharge the effluent from an aerobic type treatment system shall discharge through a filter conforming to the requirements of regulation 3701-29-09 or 3701-29-14 of the Household Sewage Disposal System Regulations of the Geauga County General Health District, or other device approved by the Ohio Department of Health to provide additional treatment so that the requirements of regulation 3701-29-

02(G)(3) will not be exceeded.

- (E) Any off lot sewage disposal discharge type system installed after the effective date of this rule shall be inspected and evaluated annually by the local health district. An annual inspection and administrative fee shall be charged as established per Board of Health adoption. In lieu of a health district inspection/evaluation and fee, a copy of a yearly inspection indicating proper function of the aeration unit must be submitted to the health district, from a qualified registered aeration system evaluator. Such evaluator shall be in compliance with all criteria listed in section 3701-29-05 (1).

A copy of this inspection report and/or a copy of a signed service contract with a registered Aerobic/Aeration Unit Evaluator/Service Provider must be submitted to this office by October 1st of each year. Failure to submit this information by October 1st of each year will result in an inspection by this office and the cost of this inspection will be assessed to the owner of the property.

- (F) Any discharging sewage treatment system permitted after the effective date of this rule must meet the OEPA NPDES requirements and provide proof of an annual maintenance contract for the life of the system. All service contracts must be submitted to this department by March 1st of each year.

3701 29-09 Surface sand filter following an aerobic type treatment system

When a surface sand filter is used is a component of an aerobic type treatment system it shall comply with the following requirements:

- (A) The surface sand filter shall have a minimum filter area of thirty square feet.
- (B) The effective size of the filter sand shall be six tenths to one millimeter with a uniformity coefficient not to exceed three.
- (C) The minimum depth of the filter sand shall be eighteen inches.
- (D) A minimum of twelve inches of freeboard above the upper sand surface shall be provided.
- (E) The effluent shall be distributed over the entire sand filter area.
- (F) Dosing devices. If required, shall be provided with a pump having a minimum capacity of 3.75 gallons per minute.
- (G) The sump for the dosing device shall have a minimum working volume of seventy-five gallons.
- (H) The sand filter shall be covered with durable grating constructed of materials resistant to corrosion and decay, or surrounded by a fence to prohibit unwarranted or unauthorized entry.
- (I) A sampling well with a minimum inside diameter of eight inches shall be installed on the surface sand filter discharge line within six feet of the filter bed, accessible from the surface of the ground, and provided with a secured cover.
- (J) The maximum hydraulic load should not exceed 11.5 gallons per day per square foot and the anticipated flow is 120 gallons per day per bedroom.

3701-29-10 Installation requirements for soil absorption and percolation

- (A) Leaching tile systems will not be installed where the soil has been so disturbed or damaged that it inhibits, impedes or prevents the absorption or percolation of sewage effluent. If an applicant wishes to install a house hold sewage disposal system in

conformity with these regulations in disturbed soil, he shall submit data sufficient to prove the disturbance will not inhibit, impede or prevent the proper function of the system.

- (B) Leaching systems utilizing soil absorption or percolation shall not be permitted where the depth to normal ground water table or rock strata is less than four feet below the bottom of the proposed system.
- (C) Leaching systems utilizing soil absorption or percolation shall not be installed where the texture, structure, or permeability of the soil is not suitable to provide internal drainage. The Health Commissioner may require the owner at the owner's expense to provide a written site evaluation by a qualified person before a final decision is made in issuing a permit.
- (D) Lots with a 0-2% slope cannot install a leaching trench system.

3701-29-11 Leaching tile field

- (A) Total field requirement shall be divided into two equal sections and provided with a diversion device equipped to provide alternate_s flow to each section of the field. The diversion device inspection ports shall be brought to grade and shall be provided with secured covers.
- (B) Leaching field absorption area requirements for household sewage disposal systems shall be adequate to prevent water pollution or a nuisance, except those sites eliminated by regulations 3701-29-01 to 3701-29-21 of the Household Sewage Disposal System Regulations of the Geauga County General Health District.
 - (1) For soils with a "severe"* rating for soil permeability limitation, a minimum of 800 lineal feet of trench shall be installed for the first 2 bedrooms and 400 lineal feet for each additional bedroom. The minimum amount of trench to be installed is 800 lineal feet.
 - (2) For soils with a "moderate", rating for soil permeability limitation, a minimum of 400 lineal feet of trench shall be installed for the first 2 bedrooms and 200 lineal feet for each additional bedroom.
 - (3) For soils with a "slight" rating for soil permeability limitation, a minimum of 300 lineal feet of trench shall be installed for the first 2 bedrooms and 150 lineal feet for each additional bedroom.
 - (4) Soils rated "very severe"* for soil permeability limitation are not suitable, and cannot be used for on-lot soil absorption and percolation devices.
 - (5) In the event, and only after a field site investigation has revealed that the total lineal footage requirements of the preceding paragraphs (1), (2) or (3) cannot be met because of insufficient area of suitable soil, the total area requirements for severe soils may be reduced by ¼ provided that the leaching tile field is preceded by an approved NSF 40 home aeration treatment system. This section only pertains to existing or pre-recorded lots or lots with existing homes.
 - (a) For soils with a "severe" * rating, 600 lineal feet of trench for the first 2 bedrooms and 300 lineal feet for each additional bedroom.
 - (b) For soils with a "moderate" * rating, 300 lineal feet of trench for the first 2 bedrooms and 150 lineal feet for each additional bedroom.
 - (c) For soils with a "slight" * rating, 200 lineal feet of trench for the first 2 bedrooms and 100 lineal feet for each additional bedroom

*Refer to Table 1

Table 1 Soil evaluation ratings for sewage effluent absorption trenches.

Soils with an "unacceptable" rating: These soils are unacceptable unless a certified soil scientist provides information that the soil is acceptable.		
Canadice	Holly	Sebring
Carlisle	Tioga	Damascus
Wabasha	Mitiwanga	Walkkill
Orrville	Willette	Sheffield
Oshtemo		
Soils with a "severe" rating		
Brecksville	Glenford	Ravenna
Caneadea	Haskins	Rittman
Canfield	Jimtown	Lordstown
Loudonville	Darien	Mahoning
Wadsworth	Ellsworth	Fitchville
Geeburg	Platea	Wooster
Soils with a "Moderate" rating:		
Bogart	Rawson	
Soils with a "Slight" rating:		
Chili Gravelly	Chili Oshtemo	Complex
Chili		

- (C) The minimum distance between any leaching lines shall be six feet.
- (D) The minimum distance between any leaching line and any drain line located on the lot shall be eight feet.
- (E) A leaching trench shall have a minimum of nine (9) inches of clean gravel or stone fill, extending at least one (1) inch above and four (4) inches below the leaching pipe; such fill shall be one-half inch to one and one-half inches in size.
 - (1) Chamber designed systems that comply with the twelve inch depth requirement may be used.
 - (2) All lines must be covered with a minimum of 4 inches of topsoil.
 - (3) All other distance requirements apply to the chamber systems.
- (F) A leaching trench shall have a minimum width of eighteen inches. The depth of a leaching trench shall have a depth not to exceed twelve (12) inches.
- (G) A leaching line shall have a maximum length of one hundred fifty feet.
- (H) A leaching line shall have a pipe with a minimum diameter of four inches and shall have a relatively level grade. The grade shall not exceed a fall of one (1) inch in fifty

feet.

- (I) The top of the gravel stone fill shall be covered with a pervious geo-textile material such before being covered with earth.
- (J) The land surface shall be graded so as to exclude surface drainage from the household sewage disposal site.
- (K) Top soil will be placed in the area remaining above the stone fill.

3701-29-12 Curtain Drain

- (A) A curtain drain shall be provided in soil subject to seasonally high ground water table. The curtain drain shall be installed at a depth of three feet and decrease in depth proportionally after passing the last trench and shall be at least eight feet from any leaching line and with a maximum of 15 feet away from the leach lines.
- (B) A curtain drain shall have an inspection well accessible from the surface of the ground and shall be provided with a secured cover. The well shall have a minimum inside diameter of eight inches and shall be on the discharge line adjacent to the leaching system unless an open out-fall is present on the property.
- (C) When off lot disposal of curtain drain discharge requires crossing adjacent properties to reach the point of discharge, a recorded easement or the use of a legally established, publicly maintained drainage improvement from the dwelling lot line to the point of discharge shall be required.
- (D) A curtain drain trench shall be completely filled to the natural ground level with gravel that is debris free. All curtain drains must have sufficient fall to allow surface water movement.
- (E) A curtain drain is not considered as part of the sewage treatment system and is only used to help dewater/re-route surface water or reduce a seasonal high water table.
- (F) All curtain drains must have a 4 inch perforated flexible pipe at the bottom.

3701-29-14 Subsurface Sand Filter

- (A) A subsurface sand filter shall be permitted only under the conditions provided in regulation 3701-29-02(G) of the Household Sewage Disposal System Regulations of the Geauga County General Health District.
- (B) A subsurface sand filter shall have a minimum filter area of two hundred-forty square feet per bedroom unless the filter is dosed. When dosed, the filter shall have a minimum filter area of three hundred square feet or one hundred twenty square feet per bedroom whichever is greater. The total filter areas shall be divided into two beds, each with a separate distribution system. Provision shall be made for alternating from one bed to the other by gravity or pumping.
- (C) A sewage dosing tank or a sewage lift tank shall have a minimum working volume of seventy-five gallons, shall extend to finish grade and shall be provided with secured covers.
 - (1) Pumps in dosing tanks and lift stations must be designed to lift sewage effluent at a minimum rate of 10 gallons per minute (10 GMP) at a minimum total head of 20 feet. The effluent level within the lift station must be controlled by a water proof electromechanical or mercury switch.
 - (2) The effluent must discharge via a 1 1/4 inch minimum diameter pump line. The pipeline material must be one of the following:

- (a) Chlorinated Poly (Vinyl Chloride) (CPVC) ASTM*D 2846-82
- (b) Polyethylene (PE) ASTM*D 2239-83 and ASTM*D 2737-83
- (c) Poly (Vinyl Chloride) (PVC) ASTM*D - 2241-83E1
- (d) Polybutylene ASTM*D 3309-83 and ASTM*D 2662-83

* (American Society for Testing and Material, 1916 Race Street, Philadelphia, Pennsylvania)

- (3) Each tank must have an alarm placed in the building served by the unit to indicate any electrical or mechanical failure.
- (4) Each tank must be designed with an access opening (a manhole) at least twenty (20) inches inside diameter.
- (5) Each effluent lift station must be fitted with a riser, larger in least dimension than the manhole and extended a minimum of two (2) inches above finish grade.
- (6) Each tank must be watertight and constructed of material not subject to corrosion or decay. (Pre fabricated tanks may be used if they conform to regulation 3701-29-07).
- (7) All connections, valves, switches and pumps must be easily accessible to the service person so that entry is not required inside of any tank to service, repair, or remove a valve, switch or pump.
- (8) All pipe to tank connections must be water tight.
- (9) The pump body and housing must be made of cast iron, bronze, brass or stainless steel.
- (10) Pump lines must be installed with a check valve if the line outlet at the secondary treatment device is set below the maximum flow line in the trench, distribution box or discharge point.
- (11) Pump lines must be installed to prevent freezing and to prevent damage from vehicles crossing the line.
- (12) The final grade around a dosing tank or lift tank must be sloped away from the tank to prevent surface water from flowing into the tank.
- (D) When a subsurface sand filter is dosed, the distribution system shall be vented to the surface of the ground at the lower end of each bed by one or more vented caps having a minimum inside diameter of four inches.
- (E) All distribution lines shall have a minimum diameter of four inches and shall have a relatively level grade. The grade shall not exceed a fall of three inches in fifty feet.
- (F) The distribution lines shall be installed within a minimum of twelve inches of clean gravel or stone three-fourths inch to one and one-half inches in size which covers the entire bed. The lines shall be laid on three foot centers, and eighteen inches from the sidewalls of the filter.

- (G) The filtering material shall be a minimum of eighteen inches in depth and the sand shall be an effective size of four tenths to one millimeter with a uniformity coefficient not to exceed three.
- (H) The lower or collecting line shall have a minimum diameter of four inches and shall be laid the full length of the bed. The grade shall have a minimum fall of six inches in fifty feet.
- (I) The collecting line shall be installed within a minimum of twelve inches of clean gravel or stone three-fourths to one and one-half inches in size which underlies the entire bed.
- (J) The top of the filter shall be covered with a pervious geo-textile material before being covered with earth.
- (K) The earth cover shall not exceed eighteen inches.
- (L) A sampling well with a minimum inside diameter of eight inches shall be installed on the subsurface sand filter discharge line within six feet of the filter bed, accessible from the surface of the ground, and provided with a secured cover.

3701-29-15 Privy

- (A) A privy shall be provided with watertight vaults or other watertight receptacles of not less than five hundred gallons capacity except as specified in division (B) of this rule and shall be a minimum of fifty feet from any water supply source, and twenty feet from any occupied building or lot or right-of-way line.
- (B) The construction and design of the vault and superstructure shall prevent access by insects, fowl, or animals.
- (C) A privy shall be cleaned before the contents reach the top level of the vault.

3701-29-16 Building Sewer

- (A) A building sewer shall have a minimum diameter of four inches.
- (B) A building sewer shall be watertight and constructed of durable material, capable of withstanding a ten foot head of water test or equivalent.
- (C) Traps shall not be installed in a building sewer.
- (D) A building sewer shall be laid in good alignment and embedded in gravel at a uniform grade in accordance with engineering practices acceptable to the Ohio Department of Health. The building sewer pipe shall be Schedule 40 or ASTM D-3033 or 3034.
- (E) A building sewer shall be a minimum of ten feet from any household water supply source and water service line.
- (F) The pipe between tanks and from the last tank to the first distribution box shall be of the same material as that required for the building sewer.
- (G) All lines from the house to the diversionary device must be glued.

3701-29-17 Inspections

- (A) The Health Commissioner may at any reasonable time during the course of construction or any time thereafter inspect any household sewage disposal system or part thereof, sample the effluent, or take any other steps which he deems necessary to insure proper compliance with regulations 3701-29-01 to 3701-29-21 of the Household Sewage

Disposal System Regulations of the Geauga County General Health District. The Health Commissioner may utilize inspection reports or other data submitted or obtained from reliable sources to determine compliance.

- (B) No household sewage disposal system or part thereof shall be covered or put into operation until the system has been inspected and approved by the Health Commissioner.
- (C) If upon inspection the work is determined not to conform to these regulations, a second inspection will be required. The installer shall notify the department when he is ready for re-inspection.
- (D) A fee of fifty dollars (\$50.00) shall be assessed to and collected from the installer for the second and subsequent inspections.

3701-29-18 Abandoned household sewage disposal system

- (A) An abandoned household sewage tank shall be properly abandoned. The owner of the property will be responsible to assure that the septic tank(s) are properly abandoned.
- (B) A copy of the abandonment plan must be submitted to this department to assure compliance that the system has been properly abandoned. Submissions must be within 30 days of the abandonment procedure.

3701-29-19 Hearing

- (A) The Board of Health shall grant a hearing to any person affected or aggrieved by regulation 3701-29-01 to 3701-29-21 of the Household Sewage Disposal System Regulations of the Geauga County General Health District.

3701-29-20 Variance

- (A) The Board of Health shall hear at a public hearing the following sewage disposal system variance requests:
 - (1) New housing construction;
 - (2) Experimental sewage disposal systems;
 - (3) Off lot sewage disposal systems where there is no access to a road ditch;
 - (4) Other variance requests that the Health Commissioner deems necessary to bring before the Board;
 - (5) Other variance requests that the property owner(s) specifically requests to be heard by the Board. The Health Commissioner will review for approval or denial all other variance requests.
- (B) The Board of Health may grant a variance to these regulations if the applicant demonstrates a hardship based on the following:
 - (1) That exceptional topographic or other physical conditions exist which are peculiar to the particular parcel of land;
 - (2) That the peculiar conditions specified in Paragraph (A)(1) did not result from previous actions by the applicant;
 - (3) That a literal interpretation of the regulations would deprive the applicant of rights enjoyed by other property owners;
 - (4) That the requested variance is the minimum variance to the sewage

regulations that will allow a reasonable use of the land.

- (C) Adverse economic conditions shall not be considered as valid reason or a hardship for a variance request to be granted by the Board or Health.
- (D) Within seven calendar days of the granting of the variance, the applicant shall apply for a permit or the variance will be revoked and declared null and void. If the seventh day falls on a weekend, the applicant shall be permitted to obtain a permit on the next business day. When granted a variance shall apply only to the permit sought at the time, and not to subsequent permit applications.
- (E) Experimental systems may be installed under the provision of 3701-29-20(A) provided the Director of the Ohio Department of Health concurs in writing with the design and evaluation plan.
 - (1) Alternative on-lot sewage disposal systems that have been approved by the Ohio Department of Health will be allowed for consideration by this department.
- (F) Household sewage disposal system components or household sewage disposal system differing in design or principle of operation from those set forth in regulation 3701-29-01 to 3701-29-21 of the Household Sewage Disposal System Regulations of the Geauga County General Health District may qualify for approval as a special device or system; provided, comprehensive tests and investigations show any such component or system procedures results equivalent to those obtained by sewage disposal components or systems complying with such regulations. Such approval shall be obtained in writing from the Director of Health.

3701-29-21 Effect of partial Invalidity

Each regulation of 3701-29-01 to 3701-29-20 of the Household Sewage Disposal System Regulations of the Geauga County General Health District, and every part of each regulation is an independent regulation and a part of a regulation and the holding of any regulation or part thereof to be unconstitutional, void, or riot effective for any cause does not affect the validity or constitutionality of any other regulations or part thereof.

3701-29-22. For Sale of Property Evaluation

- (A) An evaluation of a residential sewage system must be completed prior to the transfer of ownership of any parcel with said system. The evaluation shall be conducted by a member of the Health District and if necessary any corrective actions(s) required shall be accomplished within the time period(s) directed.
- (B) Application for the evaluation permit shall be in writing and contain pertinent information as required by the Board of Health. Any fee established for the evaluation by law or by the Board of Health under authority of law shall accompany the application.
- (C) Reinspection fees are set by the Board of Health.
- (D) The inspection will be conducted to assure compliance with the Geauga County General Health District Household Sewage Disposal System Regulations 3701-29-01 to 3701-29-21.
- (E) The Geauga County Health District shall deny an evaluation if the information on the application is incomplete, inaccurate, or indicates that the provisions of regulations 3701-29-01 to 3701-29-21 of the Household Sewage Disposal System Regulations of the Geauga County General Health District cannot be met.
- (F) When permit information is not on file, the owner at their expense will contract with a registered sewage installer to identify system components and make the system

reasonably accessible to the Geauga County Health District as required. A system diagram must be submitted to the health district for systems lacking permit information.

- (G) Off-lot sewage system evaluations will include sewage effluent sampling. All off-lot sewage systems must have an approved sewage effluent sample well installed unless otherwise directed by the health district.
- (H) All sample wells will be installed within 6 feet of the last treatment component, unless otherwise directed by the health district.
- (I) Any system found to be functioning improperly must be brought up to current code.
- (J) System evaluations shall be valid for a minimum of six (6) months.

Adopted April 8, 1985 - effective April 21, 1985.
Amended August 12, 1985 - effective August 26, 1985.

3701-29-02 (P) Addition
Adopted 12-08-98 - effective January 1, 1999

3701-29-05 (1) Aerobic/Aeration Unit Evaluators
Adopted 12-08-97 - effective January 1, 1998

3701-29-05 (A) Replaced with new wording
3701-29-05 (B) 1 Addition
3701-29-05 (B) 2 Addition
3701-29-05 (F) Deleted
Adopted 12-08-98 - effective January 1, 1999

3701-29-08 (E) Addition - Inspection of off-lot sewage disposal systems
Adopted 12-08-97 - effective January 1, 1998

3701-29-17 (D) Re-inspection fee - fifty dollars (\$50.00)
Adopted 6-09-97 - effective July 1, 1997

3701-29-20 (A) Amendments

Adopted 3-09-98 - effective April 1, 1998

3701-29-20.1 - Inclement weather occupancy permit
Adopted 3-09-98 - effective March 9, 1998

3701-29-06 A - Registration of Soil Professionals
Adopted September 18, 2000 - effective January 1, 2001

3701-29-06 A - Revision- Changed ARPACS to ARCPACS and \$500,000 performance bond to \$500,000 Liability Insurance.
Adopted December 18, 2000 - effective January 1, 2001

3701-29-22 - Adopted April 15, 2002, Effective June 15, 2002 with a 30 day grace period (July 15, 2002)

3701-29-22(A) – For Sale of Property Evaluation Revision effective February 16, 2007

3701-29-01(C) Add-“The room has an egressable window, a door that can close and provide privacy and the room is 80 sq. ft. or larger.”

3701-29-02(B)(2) & (D) Add the words “public health..” referring to a nuisance.

3701-29-02(F) Add-(1) “The health district will conduct lot evaluations regarding all lots. If the lot is disapproved for the installation of an on-site system, the applicant will receive written verification from the health district regarding the disapproval of the lot. The applicant will then be directed to OEPA for NPDES approval”; and (2) “Installation or operation permits will only be issued once the health district has received written verification of NPDES approval from OEPA.”

3701-29-02(G)(3)(c) Add-“Fecal coliform- Water samples exceeding 5,000 fecal coliform counts per 100 milliliters in 2 or more samples shall be considered creating a public health nuisance.”

3701-29-02(N) Add-“..roof water, foundation drain, cistern overflow, surface drainage, subsurface drainage, water softener backwash discharges, or any other sources that do not convey or generate sewage from the structures served by the sewage treatment system shall

	not be discharged into a household sewage disposal system.”
3701-29-05(B)(2)	Change \$15,000.00 performance bond to \$25,000.00 performance/surety bond.
3701-29-05(B)(3)	Add- “All installers must pass a written exam provided by the Health District. Testing fee as set by the Board of Health is due at the time of exam.”
3701-29-05.1	Add “Service Provider” to the title of the section.
3701-29-05.1(A)	Add “drip design, mound, or other non-leaching type systems”
3701-29-05.1(H)	Add “or the Ohio Department of Health”
3701-29-06(F)(1)	Add- “All pump receipt forms must be submitted to the Health District within 30 days of pumping.”
3701-29-06.A(B)(1)	Add “or Ohio Pedologists”
3701-29-07	Add- (I) “All septic tanks or other tanks used in a sewage treatment system must be watertight”; and (J) “An NSF approved sewage effluent filter must be installed on the outlet of the last septic tank.”
3701-29-08(F)	Add-“Any discharging sewage treatment system permitted after the effective date of this rule must meet the OEPA NPDES requirements and provide proof of an annual maintenance contract for the life of the system. All service contracts must be submitted to this department by March 1 st of each year.”
3701-29-10(C)	Rescind “The criteria of the National Cooperative Soil Survey shall be used as a guideline by the Health Commissioner to determine the suitability of the soils in lieu of a more detailed guideline relating to code requirements and soil characteristics.”
3701-29-10(D)	Add- “Lots with a 0-2% slope cannot install a leaching trench system.”
3701-29-11(B)(1)	Change 600 lineal feet to 800 lineal feet; 300 lineal feet to 400 lineal feet; and add “The minimum amount of trench to be installed is 800 lineal feet.”
3701-29-11(B)(5)	Add-“for severe soils” and “by ¼” when referring to reduction; and “This section only pertains to existing or pre-recorded lots or lots with existing homes.”
3701-29-11(B)(5)(a)	Change 400 lineal feet to 600 lineal feet; and 200 lineal feet to 300 lineal feet.
3701-29-11(B)(5)(c)	Revision of Table 1.
3701-29-11(B)(6)	Rescind paragraph.
3701-29-11(E)	Change fifteen inches to nine inches; change three inches to one inch; change eight inches to 4 inches; change “line” to “pipe”; and change three-fourth to one-half.
3701-29-11(E)	Add- (1) “Chamber designed systems that comply with the twelve inch depth requirement may be used”; (2) “All lines must be covered with a minimum of 4 inches of topsoil; and (3)All other distance requirements apply to the chamber systems.”
3701-29-11(F)	Change the words “..shall be a minimum of eighteen inches but not more than thirty inches” to “.. of a leaching trench shall have a depth not to exceed twelve(12) inches.”
3701-29-11(H)	Add- “pipe with a” and change “three inches” to “one inch”.
3701-29-11(I)	Add- “geo-textile” and delete words “as untreated paper or a two inch layer of hay, straw or similar material”
3701-29-11(L)	Rescind paragraph and Table 2
3701-29-12(A)	Change “not less than six inches below the leaching trench bottom” to “at a depth of three feet and decrease in depth proportionally after passing the last trench”; remove the words “the center line”; change “no more than twenty feet from the center line of any leaching line” to “with a maximum of 15 feet away from the leach lines.”
3701-29-12	Add-(D) “A curtain drain trench shall be completely filled to the natural ground level with gravel that is debris free. All curtain drains must have sufficient fall to allow surface water movement”; (E) “A curtain drain is not considered as part of the sewage treatment system and is only used to help dewater/re-route surface water or reduce a seasonal high water table”; and (F) “All curtain drains must have a 4 inch perforated flexible pipe at the bottom.”
3701-29-13	Rescind entire section.
3701-29-14(C)(12)	Rescind paragraph.
3701-29-14(I)	Remove “All pipe and fittings must be marked in conformity with the governing standards as specified in Table 2 regulations 3701-29-11(L).”
3701-29-14(J)	Add- “geo-textile” and delete words “as untreated paper or a two inch layer of hay, straw or similar material”
3701-29-15(B)	Rescind paragraph.
3701-29-16(D)	Add- “in gravel” and “The building sewer pipe shall be Schedule 40 or ASTM D-3033 or 3034.”

- 3701-29-16(F) Remove "All pipe and fittings which are installed must be marked in conformity with the governing standards as specified in Table 3."
- 3701-29-16(G) Add- "All lines from the house to the diversionary device must be glued."
- 3701-29-16(G) Rescind Table 3
- 3701-29-18(A) Change "emptied and filled to the ground surface with suitable material" to "properly abandoned".
- 3701-29-18(B) Add- "A copy of the abandonment plan must be submitted to this department to assure compliance that the system has been properly abandoned. Submissions must be within 30 days of the abandonment procedure."
- 3701-29-20(E)(1) Add- "Alternative on-lot sewage disposal systems that have been approved by the Ohio Department of Health will be allowed for consideration by this department."
- 3701-29-20.1 Rescind entire section.

These revisions were adopted by the Geauga County Board of Health July 16, 2007.

3701-29-04(A)(1) Addition

3701-29-08(E) Addition

3701-29-18(A) Addition

Adopted by the Geauga County Board of Health January 22, 2008 and became effective February 3, 2008.