

19-13-B104a. Scope

On-Site Sewage Disposal Systems with Design Flows Greater than 5,000 Gallons per Day**19-13-B104a. Scope**

These regulations set standards for domestic sewage disposal systems receiving flows greater than 5,000 gallons per day; community sewage systems as defined in Section 7-245, Connecticut General Statutes, which utilize land treatment and disposal, alternative on-site sewage treatment systems; and septage disposal systems which utilize land treatment and disposal.

(Effective August 16, 1982)

19-13-B104b. Definitions

- (a) "Alternative on-site sewage treatment systems" means a system serving one or more buildings on one property which utilizes a method of treatment other than a subsurface sewage disposal system and which involves a discharge to the waters of the state.
- (b) "Domestic sewage" means sewage that consists of water and human excretions or other waterborne waste incidental to the occupancy of the residential buildings or a nonresidential building but not including manufacturing process water, cooling water, wastewater from water softening equipment, commercial laundry wastewater, blowdown from heating or cooling equipment, water from cellars or floor drains or surface water from roofs, paved surfaces or yard drains.
- (c) "House sewer" means a tight sewer pipe extending from the building served by a subsurface sewage disposal system.
- (d) "Land treatment and disposal" means a system which utilizes soil materials for the treatment of domestic sewage and disposes of the treated effluent by percolation into underlying soil and mixing with the groundwater.
- (e) "Local Director of Health" means the local director of health or his authorized agent.
- (f) "Person" means any individual, partnership, association, firm, corporation or other entity, except a municipality, and includes the federal government, the state or any instrumentality of the state and any officer or governing or managing body of any partnership, association, firm or corporation.
- (g) "Septage" means any water of material withdrawn from a septic tank used to treat domestic sewage.
- (h) "Subsurface sewage disposal system" means a system consisting of a house or collection sewer, a septic tank followed by a leaching system, any necessary pumps or siphons, and any groundwater control system on which the operation of the leaching system is dependent.

(Effective August 16, 1982)

19-13-B104c. General provisions

- (a) All sewers, sewage disposal systems, toilets, or sewage plumbing systems shall be kept in a sanitary condition at all times and be so constructed and maintained as to prevent the escape of odors and to exclude animals and insects. All such systems shall adhere to the requirements set forth in section 25-54i of the Connecticut General Statutes.
- (b) The contents of the septic tank, subsurface sewage disposal system or privy vault shall only be disposed of in the following manner.
 - (1) If the contents are to be disposed of on the land of the owner, disposal shall be by burial or other method which does not present a health hazard or nuisance; or
 - (2) If the contents are to be disposed of on land of other than the owner;
 - (A) The contents shall be transferred and removed by a cleaner licensed pursuant to Connecticut General Statutes 20-341, and
 - (B) Only on the application for and an issuance of a written permit from the local director of health in accordance with the provisions of this section;
 - (3) If the contents are to be disposed of on a public water supply watershed, only on the application and issuance of a written permit by the Commissioner of Health

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19-13-B104d. Minimum requirements

Services in accordance with the provisions of this section. Each application for a permit under subdivisions (2) and (3) of subsection (b) shall be in writing and designate where and in what manner the material shall be disposed of.

- (c) All material removed from any septic tank, privy, sewer, subsurface sewage disposal system, sewage holding tank, toilet or sewage plumbing system shall be transported in watertight vehicles or containers in such a manner that no nuisance or public health hazard is presented. All vehicles used for transportation of such material shall bear the name of the company or licensee and shall be maintained and a clean exterior conditions at all times. No defective or leaking equipment shall be used in cleaning operations. All vehicles or equipment shall be stored in a clean condition when not in use. Water used for rinsing such vehicles or equipment shall be considered sewage and shall be disposed of in a sanitary manner approved by the local director of health.
- (d) Septic tanks shall be cleaned by first lowering the liquid level sufficiently below the outlet to prevent sludge or scum from overflowing to the leaching system where it could cause clogging or otherwise damage the system. Substantially all of the sludge or scum accumulation shall be removed whenever possible, and the inlet and outlet baffles shall be inspected for damage or clogging. Cleaners shall use all reasonable precautions to prevent damaging the sewage disposal system with vehicles or equipment. Accidental spillages of sewage, sludge, or scum be promptly removed or otherwise abated so as to prevent a nuisance or public health hazard.
- (e) No sewage shall be allowed to discharge or flow into any storm drain gutter, street, roadway or public place, nor shall such material discharge onto any private property so as to create a nuisance or condition detrimental to health. Whenever it is brought to the attention of the local director of health that such a condition exists on any property, he shall investigate and cause the abatement of this condition.
- (f) Persons who intend to conduct site investigations for the purpose of designing or constructing any septage or sewage disposal system within the scope of these regulations shall notify the local director of health of the time and place of such site investigations. Notice shall be provided to the local director of health in a timely manner to allow attendance at such site investigations by the director of health.
- (g) Persons who propose sewage or septage disposal systems within the scope of this regulation shall submit plans for such systems to the Commissioner of Health Services and the local director of health. Plans shall be submitted in a timely manner to allow review and comment on such plans to be directed to the Commissioner of Environmental Protection. Such plan shall be prepared by a professional engineer registered in the State of Connecticut and shall include a report of the findings of all site investigations the basis of design, a preliminary or final design and other information necessary for the preservation and improvement of public health.
- (h) Persons who intend to construct sewage or septage disposal system within the scope of these regulations shall file final construction plans with the local director of health at least two working days prior to the start of construction. All such systems shall be inspected during construction by the local director of health. Persons constructing such systems shall give prior notification to the local director of health of any changes which are proposed or required during construction. Persons constructing such systems shall provide the local director of health with a record drawing of the system, as built, prior to utilizing the system.

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- (a) All sewage or septage disposal systems under the scope of these regulations shall meet the following minimum requirements necessary for the preservation and improvement of public health, unless an exception is granted by the Commissioner of Health Services upon his determination that public health shall not be impaired by such exception.
- (b) All structures or facilities for the treatment or disposal of sewage or septage shall be located at least 50 feet from any open water source and 100 feet from any public supply

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- reservoir; unless designed and constructed to prevent the leakage or overflow of raw or treated sewage to the ground or surface water.
- (c) All structures, facilities or locations containing sewage or septage which is exposed to the atmosphere shall be located at least 150 feet from any school residential building or institution, and shall be fenced or otherwise made inaccessible to the public.
 - (d) The following minimum separating distances shall be maintained between any discharge or overflow of raw or treated sewage or septage to the ground waters and any drinking water supply well or spring.

<i>Required Withdrawal Rate</i>	<i>Minimum Separating Distance</i>
Under 10 gal. per minute	75 feet
10 to 50 gal. per minute	150 feet
Over 50 gal. per minute	200 feet

- (e) The following minimum separating distances shall be maintained between any sewer, structure or facility for the conveyance or treatment of sewage or septage and any drinking water supply well or spring.

<i>Required Withdrawal Rate</i>	<i>Minimum Separating Distance</i>
Under 10 gal. per minute	25 feet
10 to 50 gal. per minute	75 feet
Over 50 gal. per minute	100 feet

(Effective August 16, 1982)