



* Definitions

Technical Standards Sections I Pg. 11 and 12


 Connecticut Department of Public Health
 Keeping Connecticut Healthy
 

* Disclaimer pg. 11

*The listing of any proprietary product, technology or system in the Technical Standards should not be considered an endorsement of the product, technology or system, nor does it convey intellectual property rights.

* Section I Definitions pg. 11

- * Accessory structure
 - * attached and detached garages
 - * covered entryways
 - * screened and enclosed 3-season (non-winterized)
 - * porches/sunrooms
 - * open decks, tool and lawn equipment storage sheds
 - * gazebos, barns, etc.
 - * All decks are permanent structures
- * Small (<200 SF) portable structures w/out permanent foundation exempt

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* Accessory Structures/pools:







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* Accessory Structures/pools:







5

* Decks







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DPH * **Is this an accessory structure?**

- * 7.5' x 7.5' shed placed on the ground.
- * 7.5' x 7.5' shed placed on slab.



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DPH * **Section I Definitions**

- * **Approved aggregate** means stone aggregate or other product approved by the Commissioner of Public Health for use in leaching system construction.

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DPH * **Section I Definitions**

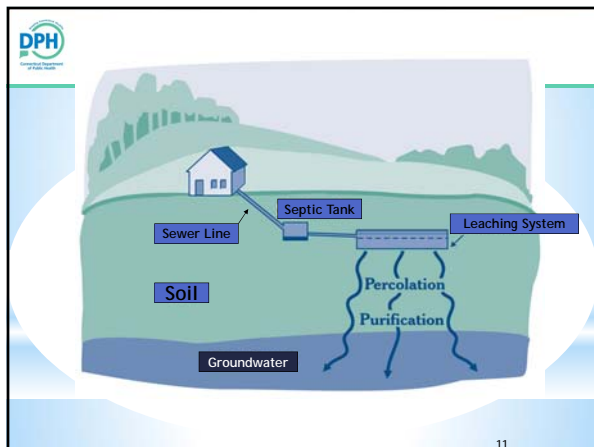
- * **Bedroom**
 - * Be a habitable space and 70 square feet or greater for new construction.
 - * Provide privacy to the occupants
 - * Full bathroom facilities
 - * Entry is from a common area, not through a room already deemed a bedroom.

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DPH * **Section I Definitions**

- * **Building served**- physical structure that contains the habitable/interior portion of the building connected to the subsurface sewage disposal system.
- * **Building sewer**- sewer pipe extending from the building served to the septic tank or grease interceptor tank.
- * **Commissioner**- Commissioner of Public Health

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DPH * **Section I Definitions**

- * **Effective leaching area (ELA)**- a measure in square feet of the relative size of a leaching system that takes into account the amount of infiltrative area and type of infiltrative interface. ELA does not apply to the dispersal components of a proprietary pressure-dosed dispersal system. Effective leaching area criterion, product ratings, and sizing requirements are included in Section VIII.

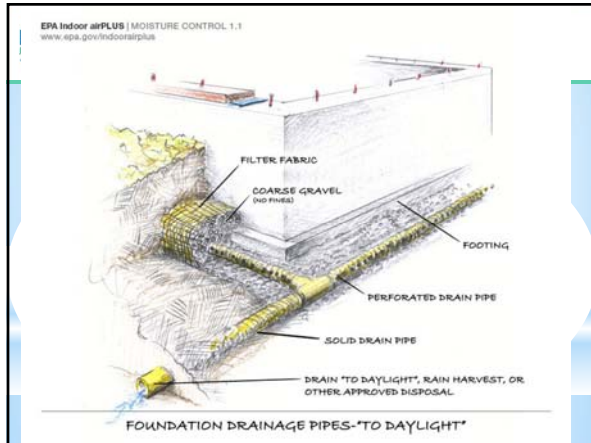
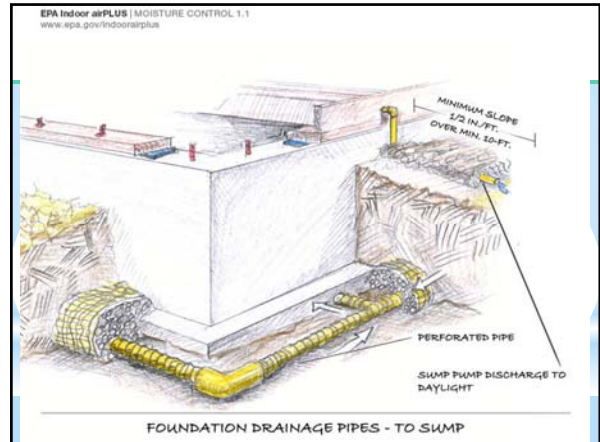
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* Section I Definitions

*Footing or foundation drain drainage systems consist of stone or other free draining material with or without piping, which are intended to collect and redirect groundwater in order to protect below grade portions of a building.

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* Section I Definitions

- *Free draining material- gravel, broken stone, rock fragments that is more coarse than the surrounding excavation material. DOT for 817
- *Leaching gallery- a minimum four-foot wide, hollow structure with perforated walls that is surrounded by approved aggregate on the sides in a 6 foot wide excavation.
- *Leaching pit- a hollow, covered structure with perforated sides that is surrounded by approved aggregate.

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* Section I Definitions

- *Leaching system- structure, excavation or product designed to allow effluent to disperse into the receiving soil.
- *Leaching trench- a level excavation, not exceeding four feet in width, with vertical sides and flat bottoms filled with approved aggregate and equipped with an effluent distribution pipe running the entire length of the excavation.

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DPH ***Section I Definitions**

***Outbuilding** means an ancillary structure served by a water supply and sewage system that is located on a lot with an associated primary residential building, which cannot be split off and sold separately from the primary building. Outbuildings include, but are not limited to plumbed detached garages, workshops, barns, pool houses, game rooms, guest houses, and in-law apartments.

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DPH ***Section I Definitions**

***Proprietary leaching system**- a manufactured product approved by the Commissioner of Public Health to be used as a leaching system excluding the dispersal component of a proprietary pressure-dosed dispersal system.

***Proprietary pressure-dosed dispersal system** - a manufactured dosing and dispersal system that uniformly applies effluent into the receiving soil via small diameter holes in small diameter distribution piping that has been approved by the Commissioner of Public Health.

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DPH **Section I Definitions**

Receiving soil means the soil in the leaching system area and surrounding soil that is available to disperse effluent. Receiving soil characteristics (e.g., depth, percolation rate) determine the configuration and sizing of a leaching system.

Select fill- clean bank run sand, clean bank run sand and gravel, or approved manufactured fill having a gradation which conforms to the specifications stipulated in Section VIII A or ASTM C 33.

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DPH ***Section I Definitions**

***Solid pipe**- pipe that has no loose or open joints, perforations, slots or porous openings that would allow liquid to leak into or out of the pipe.

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DPH ***Section I Definitions**


***Stone aggregate**- broken stone, crushed stone, or screened gravel meeting Department of Transportation Form 817 for No. 4 and No. 6 stone.

***No. 200 Sieve** :1% maximum

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DPH ***Section I: Definitions**

| SIEVE SIZE | No. 4 Stone Aggregate (A.K.A., 1 & 1/4" Stone) | No. 6 Stone Aggregate (A.K.A., 3/4" Stone) |
|------------|---|---|
| | PERCENT PASSING (by weight) | PERCENT PASSING (by weight) |
| 2-inch | 100 | N/A |
| 1.5-inch | 90 - 100 | N/A |
| 1-inch | 20 - 55 | 100 |
| 3/4-inch | 0 - 15 | 90 - 100 |
| 1/2-inch | N/A | 20 - 55 |
| 3/8-inch | 0 - 5 | 0 - 15 |
| #4 | N/A | 0 - 5 |



***Table is located in the Leaching System Section (Section VIII A) pg. 36**



DPH *Section I: Definitions

- *No. 4 (1 & ¼") stone and No. 6 (¾") stone.
- *The Leaching System Section (Section VIII) allows use of smaller stone (¾") with leaching trenches and proprietary leaching systems.
- *Leaching pits and galleries require the use of the larger stone (1¼").

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DPH *Section I Definitions

- ***Tight pipe** means a solid pipe that exhibits both acceptable wall strength and watertight joints. Pipes approved for use under this designation are listed in Table 3.
- ***Watertight tank seal** - a pipe to tank connection (inlet & outlet pipe seal) that meets ASTM C 1644, ASTM C 923, or is accepted by the Commissioner of Public Health as an approved equal.

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DPH *Section I Definitions

- ***Water Treatment Wastewater** is wastewater generated by a device used for the treatment of well water that enhances the quality of water and/or provides for the removal of iron, manganese, radionuclides or other substances.

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DPH *Section I Definitions

- ***Water Treatment Wastewater Dispersal System** means a system of a solid conveyance pipe, followed by a structure designed to receive water treatment wastewater and allow it to percolate into the underlying soil. Such systems may include a filter or an intermediate settling structure. Receiving structures include stone filled excavations, drywells, galleries, pits, plastic chambers, or other structures approved by the Commissioner of Public Health.

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