

PLAINVILLE-SOUTHINGTON REGIONAL HEALTH DISTRICT

Serving the communities of Middlefield, Plainville and Southington

Main Office

Satellite Office

Satellite Office

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PLAINVILLE CT 06062

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860-276-6275 ● FAX 860-276-6277 ● pshd.org ● SHANE LOCKWOOD, M.P.H., R.S., DIRECTOR OF HEALTH

Water Treatment Wastewater Dispersal System Application

Complete application and submit design plan/sketch of the proposed Water Treatment Wastewater (WTW) dispersal system. The plan must be approved by this department prior to installation. Installer must provide 24-hour minimum notice prior to the commencement of installation.

Property Address: _____

Property Owner: _____ **Phone #:** _____

Owner Address if Different: _____

Installer Name: _____ **Installer Phone #:** _____

Installer Address: _____

Property is served by: Public Water: _____ Private Well: _____

Public Sewer: _____ Septic System: _____

WTW Dispersal System Information:

Type of Water Treatment Device: _____

Name/Model number: _____

Anticipated discharge volume per cycle and frequency: _____

Storage Volume: _____

Distance of piping to public and or private water supply wells: _____

WTW dispersal system shall have a minimum storage volume of 1.5 times of either the anticipated discharge per cycle or daily average, whichever is greater.

Separation must meet requirements under Table 1 (Item Q) and Table 9 of the Technical Standards, 2018.

Soil data must be available to ensure the bottom of the WTW dispersal system is located a minimum 12 inches above maximum groundwater and 24 inches above ledge rock. Soil testing will be required if no data is available.

Table 9

Item	Separation Distance (feet)	Special Provisions
Public or private water supply well with required withdrawal rate of: <10 GPM 10-50 GPM >50 GPM	75 150 200	The DOH may allow certain separation distance reductions on existing developed properties if compliance cannot be met due to site limitations ^{(1)/(2)/(3)}
Open watercourse	25	
Public water supply reservoir	100	
Property line	10	
Subsurface sewage disposal system	See Table 1 (Item Q)	

CT Public Health Code On-site Sewage Disposal Regulations and Technical Standards for Subsurface Sewage Disposal Systems (January 2018, Table 9, Page 46)

Table 1

Q. Water treatment wastewater (WTW) dispersal system Small discharge (<150GPD) Med. discharge (150-500 GPD) Large discharge (>500 GPD)	25 ⁽¹⁾ 50 ⁽²⁾ 75 ⁽³⁾	<p>Distance to sewage tank shall be reduced to 10 feet. Distance to WTW dispersal system non-discharging setting or filtration structure and solid piping shall be reduced to 10 feet; however, solid piping excavations shall not backfill with FDM.</p> <ol style="list-style-type: none"> Distance to leaching system shall be reduced to 10 feet if MLSS is not applicable or the WTW dispersal system does not discharge up-gradient or down-gradient of the leaching system. Distance to leaching system shall be reduced to 25 feet if MLSS is not applicable or the WTW dispersal system does not discharge up-gradient or down-gradient of the leaching system. The DOH may require an increased distance or an engineered assessment on the impacts of the localized groundwater mounding in the vicinity of the SSDS.
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CT Public Health Code On-site Sewage Disposal Regulations and Technical Standards for Subsurface Sewage Disposal Systems (January 2018, Table 1 (Q) Page 15)

Applicant Name: _____ Date: _____

Applicant Signature: _____

----- FOR OFFICE USE ONLY -----

Fee: \$100 Paid: _____ Date: _____