

NETCHD FIELD GUIDE
Required Treatment Levels and Distribution by Soil Type and Vertical Separation
Based on NETCHD Regulation 01-2007

Soil Type	Soil Type	Loading Rate (gal./sq. ft./day)	Vertical Separation 12" < 18"	Vertical Separation ≥18" < 24"	Vertical Separation ≥24" < 36"	Vertical Separation ≥36" < 60"	Vertical Separation ≥60"
1	Gravelly and very gravelly coarse sands, all extremely gravelly soils except where soil type 5 and 6 make up the non-gravel component.	1.0	A Pressure Timed Dosing (No Disinfection)	B Pressure Timed Dosing (No Disinfection)	B Pressure Timed Dosing (No Disinfection)	B Pressure Timed Dosing (No Disinfection)	C Pressure (No Disinfection)
2	Coarse sands	1.0	B Pressure Timed Dosing	B Pressure Timed Dosing	C Pressure (No Disinfection)	E Pressure	E Gravity
3	Medium Sands, loamy coarse sands, loamy medium sands	0.8	B Pressure Timed Dosing	B Pressure Timed Dosing	E Pressure	E Gravity	E Gravity
4	Fine sands, loamy fine sands, sandy loams, loams	0.6	B Pressure Timed Dosing	B Pressure Timed Dosing	E Pressure	E Gravity	E Gravity
5	Very fine sands, loamy very fine sands; or silt loams, sandy clay loams, clay loams and silty clay loams with a moderate or strong structure (excluding platy structure)	0.4	B Pressure Timed Dosing	B Pressure Timed Dosing	E Pressure	E Gravity	E Gravity
6	Other silt loams, sandy clay loams, clay loams, silty clay loams.	0.2	B Pressure Timed Dosing	B Pressure Timed Dosing	E Pressure	E Gravity	E Gravity
7	Sandy clay, clay, silty clay, strongly cemented or firm soils, soil with moderate or strong platy structure, any soil with a massive structure and any soil with expanding clays	Not Suitable	Not Suitable	Not Suitable	Not Suitable	Not Suitable	Not Suitable

"Gravelly" - Means soil with ≥15%, but < 35% rock fragments by volume.

"Very Gravelly" - Means soil with ≥35%, but < 60% rock fragments by volume

"Extremely Gravelly" - Means soil with ≥60%, but < 90% rock fragments by volume

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REPLACEMENT / REPAIRS
TABLE IX

<u>Horizontal Separation</u> (2)	< 25 Feet			25 < 50 Feet			50 < 100 Feet (3)			≥ 100 Feet		
	<u>Soil Type</u>			<u>Soil Type</u>			<u>Soil Type</u>			<u>Soil Type</u>		
<u>Vertical Separation</u>	1	2	3-6	1	2	3-6	1	2	3-6	1	2	3-6
<12"	A	A	A	A	A	A	A	A	B	B	B	B
≥ 12" < 18"	A	A	A	A	B	B	A	B	B	<u>Conforming Systems</u> See Chart Above		
≥ 18" < 24"	A	A	A	A	B	B	A	B	C			
≥ 24" < 36"	A	B	B	B	C	C	B	C	C			
≥ 36"	A	B	B	B	C	C	B	C	E			

1. The treatment component performance levels correspond with those established for treatment components under the product performance testing requirements in Table III of WAC 246-272A-0110.
2. The horizontal separation indicated in Table IX is the distance between the soil dispersal component and the surface water, well, or spring. If the soil dispersal component is up-gradient of a surface water, well, or spring to be used as a potable water source, or beach where shellfish are harvested, the next higher treatment level shall apply unless treatment level A is already required.
3. On a site where there is a horizontal setback of 75 - 100 feet between an OSS dispersal component and an individual water well, individual spring, non-marine surface water or surface water that is not a public water source and a vertical separation of greater than twelve inches, a conforming system that complies with WAC 246-272A-0210(4) shall be installed if feasible.