

Table 383.44-2
Maximum Soil Application Rates Based Upon Morphological Soil Evaluation (in gals./sq. ft./day)

Soil Characteristics			Maximum Monthly Average			
Texture ^d	Structure ^e		BOD ₅ >30 ≤220mg/L TSS >30 ≤150mg/L		BOD ₅ ≤30 mg/L ^c TSS ≤30 mg/L ^c	
	Shape	Grade				
COS, S, LCOS, LS	—	0	0.7 ^a	0.5 ^{b,c}	1.6 ^a	0.5 ^b
FS, LFS	—	0	0.5		1.0	
VFS, LVFS	—	0	0.4		0.6	
COSL, SL	—	0M	0.2		0.6	
	PL	1	0.4		0.6	
		2, 3	0.0		0.2	
	PR, BK, GR	1	0.4		0.7	
2, 3		0.6		1.0		
FSL, VFSL	—	0M	0.2		0.5	
	PL	2, 3	0.0		0.2	
	PL, PR, BK, GR	1	0.2		0.6	
	PR, BK, GR	2, 3	0.4		0.8	
L	—	0M	0.2		0.5	
	PL	2, 3	0.0		0.2	
	PL, PR, BK, GR	1	0.4		0.6	
	PR, BK, GR	2, 3	0.6		0.8	
SIL	—	0M	0.0		0.2	
	PL	2, 3	0.0		0.2	
	PL, PR, BK, GR	1	0.4 ^c		0.6	
	PR, BK, GR	2, 3	0.6		0.8	
SI	—	—	0.0		0.0	

Soil Characteristics			Maximum Monthly Average			
Texture ^d	Structure ^e		BOD ₅ >30 ≤220mg/L TSS >30 ≤150mg/L		BOD ₅ ≤30 mg/L ^c TSS ≤30 mg/L ^c	
	Shape	Grade				
SCL, CL, SICL	—	0M	0.0		0.0	
	PL	1, 2, 3	0.0		0.2	
	PR, BK, GR	1	0.2		0.3	
		2, 3	0.4		0.6	
SC, C, SIC	—	0M	0.0		0.0	
	PL	1, 2, 3	0.0		0.0	
	PR, BK, GR	1	0.0		0.0	
		2, 3	0.2		0.3	

Note a: With ≤60% rock fragments
 Note b: With >60 to <90% rock fragments
 Note c: Requires pressure distribution under sub. (5) (a)
 Note d: COS – Coarse Sand LVFS – Loamy Very Fine Sand SI – Silt
 S – Sand COSL – Coarse Sandy Loam SCL – Sandy Clay Loam
 LCOS – Loamy Coarse Sand SL – Sandy Loam CL – Clay Loam
 LS – Loamy Sand FSL – Fine Sandy Loam SICL – Silty Clay Loam
 FS – Fine Sand VFSL – Very Fine Sandy Loam SC – Sandy Clay
 LFS – Loamy Fine Sand L – Loam C – Clay
 VFS – Very Fine Sand SIL – Silt Loam SIC – Silty Clay
 Note e: PL – Platy 0 – Structureless
 PR – Prismatic 1 – Weak
 BK – Blocky 2 – Moderate
 GR – Granular 3 – Strong
 M – Massive

Table 383.44-3
Minimum Depth of Unsaturated Soil for Treatment Purposes^a (in inches)

Soil Characteristics	Influent Quality ^e and Percent Coarse Fragments						
	Texture ^d	Fecal Coliform >10 ⁴ cfu/100mL			Fecal Coliform ≤10 ⁴ cfu/100mL ^b		
		≤35%	>35 to ≤60%	>60 to ≤90% ^{b,c}	≤35%	>35 to ≤60%	>60 to ≤90% ^c
COS, S, LCOS, LS		36	60	60	24	36	60
FS, VFS, LFS, LVFS		36			24		
COSL, SL		36			24		
FSL, VFSL		36			24		
L		36			24		
SIL		36			24		
SI		36			24		
SCL, CL, SICL		36			24		
SC, C, SIC		36			24		

Note a: Influent quality as per s. SPS 383.44 (2)
 Note b: Requires pressure distribution under sub. (5) (a)
 Note c: All coarse fragment voids must be filled with fine earth
 Note d: COS – Coarse Sand LVFS – Loamy Very Fine Sand SI – Silt
 S – Sand COSL – Coarse Sandy Loam SCL – Sandy Clay Loam
 LCOS – Loamy Coarse Sand SL – Sandy Loam CL – Clay Loam
 LS – Loamy Sand FSL – Fine Sandy Loam SICL – Silty Clay Loam
 FS – Fine Sand VFSL – Very Fine Sandy Loam SC – Sandy Clay
 LFS – Loamy Fine Sand L – Loam C – Clay
 VFS – Very Fine Sand SIL – Silt Loam SIC – Silty Clay
 Note e: The values for fecal coliform are reported as a monthly geometric mean. The geometric mean shall be determined on the basis of measurements taken over 30 consecutive days, with at least 6 measurements occurring on 6 separate days.