

Appendix G Disposal Field Length Selection Tables

Revision Date: Feb 2013

Minimum Field Tile Length by Lot Category

Category I												
Distance to Bedrock or Water Table from Ground Surface: Greater than 1.2 m (4 ft)												
Depth of Permeable Soil from Ground Surface: Greater than 0.6 m (2 ft)												
System Description	Minimum Trench Width	Number of Bedrooms								Slope %		
		2		3		4		5		<5	5-30	>30
		Standard	LF	Standard	LF	Standard	LF	Standard	LF			
1. Multiple Trench System	0.6 m (2.0 ft)	85 m (280 ft)	68 m (224 ft)	110 m (360 ft)	88 m (288 ft)	134 m (440 ft)	108 m (352 ft)	162 m (530 ft)	130 m (425 ft)	Y	P	N
2. Alternative Multiple Trench System	0.6 m (2.0 ft)	67 m (220 ft)	54 m (176 ft)	91 m (300 ft)	73 m (240 ft)	116 m (380 ft)	93 m (305 ft)	140 m (460 ft)	112 m (368 ft)	Y	P	N
3. Contour System Type C1	0.9 m (3.0 ft)	30 m (100 ft)	—	37 m (120 ft)	—	49 m (160 ft)	40 m (130 ft)	61 m (200 ft)	49 m (160 ft)	N	Y	EDS
4. Contour System Type C2	0.9 m (3.0 ft)	30 m (100 ft)	—	37 m (120 ft)	—	49 m (160 ft)	40 m (130 ft)	61 m (200 ft)	49 m (160 ft)	N	Y	EDS
5. Chamber system Multiple Trench	0.9 m (3.0 ft)	43 m (138 ft)	—	55 m (175 ft)	—	69 m (225 ft)	—	80 m (262 ft)	—	Y	P	EDS
6. EZ flow System ¹ Multiple Trench	0.6 m (2.0 ft)	57 m (187 ft)	—	74 m (243 ft)	—	90 m (296 ft)	—	108 m (355 ft)	—	N	N	EDS
Category II												
Distance to Bedrock or Water Table from Ground Surface: Greater than 1.2 m (4 ft)												
Depth of Permeable Soil from Ground Surface: 0.3 to 0.6 m (1 to 2 ft)												
² System Description	Minimum Trench Width	Number of Bedrooms								Slope %		
		2		3		4		5		<5	5-30	>30
		Standard	LF	Standard	LF	Standard	LF	Standard	LF			
1. Multiple Trench System	0.6 m (2.0 ft)	110 m (360 ft)	88 m (288 ft)	134 m (440 ft)	108 m (352 ft)	162 m (530 ft)	130 m (425 ft)	180 m (590 ft)	144 m (473 ft)	Y	P	EDS
2. Alternative Multiple Trench System	0.6 m (2.0 ft)	85 m (280 ft)	68 m (224 ft)	110 m (360 ft)	88 m (288 ft)	134 m (440 ft)	108 m (352 ft)	162 m (530 ft)	130 m (425 ft)	Y	P	N
3. Contour System Type C2 and Type C3	0.9 m (3.0 ft)	37 m (120 ft)	—	46 m (150 ft)	37 m (120 ft)	57 m (187 ft)	46 m (150 ft)	71 m (235 ft)	57 m (187 ft)	N	Y	EDS
4. Chamber System Multiple Trench	0.9 m (3.0 ft)	53 m (175 ft)	—	69 m (225 ft)	—	86 m (280 ft)	—	100 m (328 ft)	—	Y	P	EDS
5. EZ flow System ¹ Multiple Trench	0.6 m (2.0 ft)	74 m (243 ft)	—	90 m (296 ft)	—	108 m (355 ft)	—	120 m (395 ft)	—	N	N	EDS
Category III												
Distance to Bedrock from Ground Surface: 0.6 to 1.2 m (2 to 4 ft)												
Depth of Permeable Soil from Ground Surface: 0.6 to 1.2 m (2 to 4 ft)												
² System Description	Minimum Trench Width	Number of Bedrooms								Slope %		
		2		3		4		5		<5	5-30	>30
		Standard	LF	Standard	LF	Standard	LF	Standard	LF			
1. Multiple Trench System	0.6 m (2.0 ft.)	85 m (280 ft)	68 m (224 ft)	110 m (360 ft)	88 m (288 ft)	134 m (440 ft)	108 m (352 ft)	162 m (530 ft)	130 m (425 ft)	Y	P	N
2. Alternative Multiple Trench System	0.6 m (2.0 ft)	67 m (220 ft)	54 m (176 ft)	91 m (300 ft)	73 m (240 ft)	116 m (380 ft)	93 m (305 ft)	140 m (460 ft)	112 m (368 ft)	Y	P	N
3. Contour System Type C1 and Type C3	0.9 m (3.0 ft)	30 m (100 ft)	—	37 m (120 ft)	—	49 m (160 ft)	40 m (130 ft)	61 m (200 ft)	49 m (160 ft)	N	P	EDS
4. Contour System Type C2	0.9 m (3.0 ft)	30 m (100 ft)	—	37 m (120 ft)	—	49 m (160 ft)	40 m (130 ft)	61 m (200 ft)	49 m (160 ft)	N	Y	EDS
5. Chamber System Multiple Trench	0.9 m (3.0 ft)	43 m (138 ft)	—	55 m (175 ft)	—	69 m (225 ft)	—	80 m (262 ft)	—	Y	P	N
6. EZ flow System ¹ Multiple Trench	0.6 m (2.0 ft)	57 m (187 ft)	—	74 m (243 ft)	—	90 m (296 ft)	—	108 m (355 ft)	—	N	N	EDS

Category III

Distance to Bedrock from Ground Surface: 0.6 to 1.2 m (2 to 4 ft.)

Depth of Permeable Soil from Ground Surface: 0.3 to 0.6 m (1 to 2 ft)

² System Description	Minimum Trench Width	Number of Bedrooms								Slope %		
		2		3		4		5		<5	5-30	>30
		Standard	LF	Standard	LF	Standard	LF	Standard	LF			
1. Multiple Trench System	0.6 m (2.0 ft.)	110 m (360 ft)	88 m (288 ft)	134 m (440 ft)	108m (352 ft)	162 m (530 ft)	130 m (425 ft)	180 m (590 ft)	144 m (473 ft)	Y	P	N
2. Alternative Multiple Trench System	0.6 m (2.0 ft)	85 m (280 ft)	68 m (224 ft)	110 m (360 ft)	88 m (288 ft)	134 m (440 ft)	108 m (352 ft)	162 m (530 ft)	130 m (425 ft)	Y	P	N
3. Contour System Type C1	0.9 m (3.0 ft)	37 m (120 ft)	—	46 m (150 ft)	37 m (120 ft)	57 m (187 ft)	46 m (150 ft)	71 m (235 ft)	57 m (187 ft)	N	P	EDS
4. Contour System Type C2 and Type C3	0.9 m (3.0 ft)	37 m (120 ft)	—	46 m (150 ft)	37 m (120 ft)	57 m (187 ft)	46 m (150 ft)	71 m (235 ft)	57 m (187 ft)	N	Y	EDS
5. Chamber System Multiple Trench	0.9 m (3.0 ft)	53 m (175 ft)	—	69 m (225 ft)	—	86 m (280 ft)	—	100 m (328 ft)	—	Y	P	EDS
6. EZ <i>flow</i> System ¹ Multiple Trench	0.6 m (2.0ft)	74 m (243 ft)	—	90 m (296 ft)	—	108 m (355 ft)	—	120 m (395 ft)	—	N	N	EDS

Category III

Water Table 0.6 to 1.2 m (2 to 4 ft)

² System Description	Minimum Trench Width	Number of Bedrooms								Slope %		
		2		3		4		5		<5	5-30	>30
		Standard	LF	Standard	LF	Standard	LF	Standard	LF			
All systems to be designed by a Professional Engineer	EDS	EDS		EDS		EDS		EDS		EDS	EDS	EDS

Category IV

Distance to Bedrock from Ground Surface is greater than 0.3 m (1 ft.)

Depth of Permeable Soil from Ground Surface: 0.0 to 0.3 m (0 to 1 ft)

Note: Where the distance to Water Table from Ground Surface is less than 1.2 m (4 ft.) the system is to be designed by a Professional Engineer

³ System Description	Minimum Trench Width	Number of Bedrooms								Slope %		
		2		3		4		5		<5	5-30	>30
		Standard	LF	Standard	LF	Standard	LF	Standard	LF			
1. Multiple Trench System	0.6 m (2.0 ft.)	110 m (360 ft)	88 m (288 ft)	134 m (440 ft)	108m (352 ft)	162 m (530 ft)	130 m (425 ft)	180 m (590 ft)	144 m (473 ft)	Y	P	N
2. Alternative Multiple Trench System	0.6 m (2.0 ft)	85 m (280 ft)	68 m (224 ft)	110 m (360 ft)	88 m (288 ft)	134 m (440 ft)	108 m (352 ft)	162 m (530 ft)	130 m (425 ft)	Y	P	N
4. Contour System Type C1 and Type C2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N
4. Contour System Type C3	0.9 m (3.0 ft)	37 m (120 ft)	—	46 m (150 ft)	37 m (120 ft)	57 m (187 ft)	46 m (150 ft)	71 m (235 ft)	57 m (187 ft)	N	Y	EDS
5. Chamber System Multiple Trench	0.9 m (3.0 ft)	53 m (175 ft)	—	69 m (225 ft)	—	86 m (280 ft)	—	100 m (328 ft)	—	Y	P	EDS
6. EZ <i>flow</i> System ¹ Multiple Trench	0.6 m (2.0 ft)	74 m (243 ft)	—	90 m (296 ft)	—	108 m (355 ft)	—	120 m (395 ft)	—	N	N	EDS

Category V

Distance to Bedrock from Ground Surface is less than 0.3 m (1 ft.)

Distance to water table is less than 0.6 m (2 ft.)

System Description	Minimum Trench Width	Number of Bedrooms								Slope %		
		2		3		4		5		<5	5-30	>30
		Standard	LF	Standard	LF	Standard	LF	Standard	LF			
Development of sewage disposal systems is not permitted in this Category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A