# Appendix G Disposal Field Length Selection Tables

# 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)

				Nι	ımber of	Bedrooms				S	Slope %			
	Minimum	2	2	3	3		4		5					
System Description	Trench Width	Standard	LF	Standard	LF	Standard	LF	Standard	LF	<5	5-30	>30		
Multiple Trench System	0.6 m	85 m	68 m	110 m	88 m	134 m	108 m	162 m	130 m	Υ	Р	N		
	(2.0 ft)	(280 ft)	(224 ft)	(360 ft)	(288 ft)	(440 ft)	(352 ft)	(530 ft)	(425 ft)					
2. Alternative Multiple Trench	0.6 m	67 m	54 m	91 m	73 m	116 m	93 m	140 m	112 m	Υ	Р	N		
System	(2.0 ft)	(220 ft)	(176 ft)	(300 ft)	(240 ft)	(380 ft)	(305 ft)	(460 ft)	(368 ft)					
3. Contour System Type C1	0.9 m	30 m		37 m		49 m	40 m	61 m	49 m	N	Υ	EDS		
	(3.0 ft)	(100 ft)	_	(120 ft)	_	(160 ft)	(130 ft)	(200 ft)	(160 ft)					
4. Contour System Type C2	0.9 m	30 m		37 m		49 m	40 m	61 m	49 m	N	Υ	EDS		
	(3.0 ft)	(100 ft)	_	(120 ft)	_	(160 ft)	(130 ft)	(200 ft)	(160 ft)					
5. Chamber system	0.9 m	43 m		55 m		69 m		80 m		Υ	Р	EDS		
Multiple Trench	(3.0 ft)	(138 ft)	_	(175 ft)		(225 ft)	_	(262 ft)	_					
6. EZ flow System	0.6 m	57 m		74 m		90 m		108 m		N	N	EDS		
<sup>1</sup> Multiple Trench	(2.0 ft)	(187 ft)	_	(243 ft)		(296 ft)	_	(355 ft)	_					

#### 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)

				Nι	ımber of	Bedrooms	i			S	lope 9	<b>%</b>
2	Minimum	2	2	3		4		į	5			
<sup>2</sup> System Description	Trench Width	Standard	LF	Standard	LF	Standard	LF	Standard	LF	<5	5-30	>30
1. Multiple Trench System	0.6 m	110 m	88 m	134 m	108m	162 m	130 m	180 m	144 m	Υ	Р	EDS
	(2.0 ft)	(360 ft)	(288 ft)	(440 ft)	(352 ft)	(530 ft)	(425 ft)	(590 ft)	(473 ft)			
2. Alternative Multiple Trench	0.6 m	85 m	68 m	110 m	88 m	134 m	108 m	162 m	130 m	Υ	Р	N
System	(2.0 ft)	(280 ft)	(224 ft)	(360 ft)	(288 ft)	(440 ft)	(352 ft)	(530 ft)	(425 ft)			
3. Contour System Type C2	0.9 m	37 m		46 m	37 m	57 m	46 m	71 m	57 m	Ν	Υ	EDS
and Type C3	(3.0 ft)	(120 ft)	_	(150 ft)	(120 ft)	(187 ft)	(150 ft)	(235 ft)	(187 ft)			
4. Chamber System	0.9 m	53 m		69 m		86 m		100 m		Υ	Р	EDS
Multiple Trench	(3.0 ft)	(175 ft)	_	(225 ft)	_	(280 ft)	_	(328 ft)	_			
5. EZ flow System	0.6 m	74 m		90 m		108 m		120 m		N	N	EDS
<sup>1</sup> Multiple Trench	(2.0 ft)	(243 ft)	_	(296 ft)	_	(355 ft)	_	(395 ft)	_			

#### **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)

				Nι	ımber of	Bedrooms	i			S	Slope %			
2	Minimum	2	2	3		4		5						
<sup>2</sup> System Description	Trench Width	Standard	LF	Standard	LF	Standard	LF	Standard	LF	<5	5-30	>30		
1. Multiple Trench System	0.6 m	85 m	68 m	110 m	88 m	134 m	108 m	162 m	130 m	Υ	Р	N		
	(2.0 ft.)	(280 ft)	(224 ft)	(360 ft)	(288 ft)	(440 ft)	(352 ft)	(530 ft)	(425 ft)					
2. Alternative Multiple Trench	0.6 m	67 m	54 m	91 m	73 m	116 m	93 m	140 m	112 m	Υ	Р	N		
System	(2.0 ft)	(220 ft)	(176 ft)	(300 ft)	(240 ft)	(380 ft)	(305 ft)	(460 ft)	(368 ft)					
3. Contour System Type C1	0.9 m	30 m		37 m		49 m	40 m	61 m	49 m	Ν	Р	EDS		
and Type C3	(3.0 ft)	(100 ft)	_	(120 ft)	_	(160 ft)	(130 ft)	(200 ft)	(160 ft)					
4. Contour System Type C2	0.9 m	30 m		37 m		49 m	40 m	61 m	49 m	Ν	Υ	EDS		
	(3.0 ft)	(100 ft)	_	120 ft)	_	(160 ft)	(130 ft)	(200 ft)	(160 ft)					
5. Chamber System	0.9 m	43 m		55 m		69 m		80 m		Υ	Р	N		
Multiple Trench	(3.0 ft)	(138 ft)	_	(175 ft)	_	(225 ft)	_	(262 ft)	_					
6. EZ flow System	0.6 m	57 m		74 m		90 m		108 m		N	N	EDS		
<sup>1</sup> Multiple Trench	(2.0 ft)	(187 ft)	_	(243 ft)	_	(296 ft)	_	(355 ft)	_					

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## **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)

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

#### Category III

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

		Number of Bedrooms										%
<sup>2</sup> System Description	Minimum Trench Width	2		3		4		5				
		Standard	LF	Standard	LF	Standard	LF	Standard	LF	<5	5-30	>30
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

				Νι	ımber of	Bedrooms	;			9	lope <sup>9</sup>	%
3	Minimum	2	2	3		4		5				
<sup>3</sup> System Description	Trench Width	Standard	LF	Standard	LF	Standard	LF	Standard	LF	<b>&lt;</b> 5	5-30	>30
1. Multiple Trench System	0.6 m	110 m	88 m	134 m	108m	162 m	130 m	180 m	144 m	Υ	Р	N
	(2.0 ft.)	(360 ft)	(288 ft)	(440 ft)	(352 ft)	(530 ft)	(425 ft)	(590 ft)	(473 ft)			
2. Alternative Multiple Trench	0.6 m	85 m	68 m	110 m	88 m	134 m	108 m	162 m	130 m	Υ	Р	N
System	(2.0 ft)	(280 ft)	(224 ft)	(360 ft)	(288 ft)	(440 ft)	(352 ft)	(530 ft)	(425 ft)			
4. Contour System Type C1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N
and Type C2  4. Contour System Type C3	0.9 m	37 m		46 m	37 m	57 m	46 m	71 m	57 m	N	Y	EDS
4. Contour System Type C3	(3.0 ft)	(120 ft)	_	(150 ft)	(120 ft)	(187 ft)	(150 ft)	(235 ft)	(187 ft)	IN	ı	EDS
5. Chamber System	0.9 m	53 m		69 m		86 m		100 m		Υ	Р	EDS
Multiple Trench	(3.0 ft)	(175 ft)	_	(225 ft)	_	(280 ft)	_	(328 ft)	_			
6. EZ flow System	0.6 m	74 m		90 m		108 m		120 m		N	N	EDS
<sup>1</sup> Multiple Trench	(2.0 ft)	(243 ft)	_	(296 ft)	_	(355 ft)	_	(395 ft)	_			

# **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.)

		Number of Bedrooms										%
System Description	Minimum Trench Width	2		3		4		5				
		Standard	LF	Standard	LF	Standard	LF	Standard	LF	<5	5-30	>30
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