

Table 3-2 gives the lengths of trenches in the seven soil subgroups (A-2 has two application rates; see section 2.3, Table 2-10).

Drainfields larger than 1,500 ft<sup>2</sup> trench area bottom are prohibited from being constructed as a standard (gravity) drainfield (IDAPA 58.01.03.008.04). Drainfields exceeding 1,500 ft<sup>2</sup> in total trench bottom area must be pressure-dosed (section 4.20).

**Table 3-2. Area requirements and total trench lengths for standard subsurface sewage disposal systems.**

<b>Number of Bedrooms</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
<b>Gallons per day</b>	<b>150</b>	<b>200</b>	<b>250</b>	<b>300</b>	<b>350</b>	<b>400</b>
<b>Total Trench Lengths (feet)</b>						
<i>Soil Group A-1 total feet</i>	125	167	208	250	292	333
3-ft wide trench	42	56	69	83	97	111
2.5-ft wide trench	50	67	83	100	117	133
2-ft wide trench	63	83	104	125	146	167
<i>Soil Group A-2a total feet</i>	150	200	250	300	350	400
3-ft wide trench	50	67	83	100	117	133
2.5-ft wide trench	60	80	100	120	140	160
2-ft wide trench	75	100	125	150	175	200
<i>Soil Group A-2b total feet</i>	200	267	333	400	467	533
3-ft wide trench	67	89	111	133	156	178
2.5-ft wide trench	80	107	133	160	187	213
2-ft wide trench	100	133	167	200	233	267
<i>Soil Group B-1 total feet</i>	250	333	417	500	583	667
3-ft wide trench	83	111	139	167	194	222
2.5-ft wide trench	100	133	167	200	233	267
2-ft wide trench	125	167	208	250	292	333
<i>Soil Group B-2 total feet</i>	333	444	556	667	778	889
3-ft wide trench	111	148	185	222	259	296
2.5-ft wide trench	133	178	222	267	311	356
2-ft wide trench	167	222	278	333	389	444
<i>Soil Group C-1 total feet</i>	500	667	833	1,000	1,167	1,333
3-ft wide trench	167	222	278	333	389	444
2.5-ft wide trench	200	267	333	400	467	534
2-ft wide trench	250	333	417	500	548	667
<i>Soil Group C-2 total feet</i>	750	1,000	1,250	1,500	1,750	2,000
3-ft wide trench	250	333	417	500	a	a
2.5-ft wide trench	300	400	500	600	a	a
2-ft wide trench	375	500	625	750	a	a

a. Exceeds 1,500 square feet of total trench area. Use an alternative system to reduce the installed square footage of trench area below 1,500 square feet or install a pressure-dosed system.