

Chart A: Minimum Rain Garden Area Needed for TSS Credit

Impervious Area to Rain Garden (square feet)	Rain Garden Bottom Area (square feet)	Rain Garden Top Area (square feet)
500	28	176
1,000	56	239
2,000	111	344
5,000	278	608
10,000	556	997
20,000	1,111	1,708
40,000	2,222	3,040
60,000	3,333	4,321
80,000	4,444	5,575
100,000	5,556	6,812
120,000	6,667	8,037
140,000	7,778	9,253

Physical Characteristics

- 1) Typical Garden has 1' of ponding depth
 - 2) Minimum of 1 under drain for every 30,000 square feet of drainage area
 - 3) 2 feet engineerind soil (70% sand , 30% compost)
 - 4) Native soil with infiltration rates greater than 3.6" per hour (pure sand) do not require underdrains.
- ** Underdrains are a minimum 6" drilled PVC pipe that are placed under the engineered soil to help the garden drain

Minimum Number of Underdrains **
1
1
1
1
1
1
2
2
2
3
4
4