

Infiltration Sizing - Small Projects¹ with No Off-Site Point of Discharge²
Summary Table

Contributing Area (sq ft)	Dry Well Area (sf) - Depth 4.0 feet		
	SFR Project Dry Well downstream of Bioretention Cell or Permeable Pavement Facility (PPF)	Parcel-Based Project – Dry Well downstream of Bioretention Cell or PPF	Dry Well w/o upstream Bioretention Cell or PPF ³
500	14	27	125
1,000	71	98	249
1,500	130	164	374
2,000	200	240	498
2,500	260	314	623
3,000	326	390	747
3,500	393	468	872
4,000	462	548	996
4,500	532	630	1,121
5,000	605	713	1,245
Contributing Area (sq ft)	Dry Well Area (sf) - Depth 6.0 feet		
	SFR Project Dry Well downstream of Bioretention Cell or PPF	Parcel-Based Project – Dry Well downstream of Bioretention Cell or PPF	Dry Well w/o upstream Bioretention Cell or PPF ³
500	9	19	88
1,000	49	67	175
1,500	90	115	263
2,000	137	169	350
2,500	184	222	438
3,000	234	278	526
3,500	286	336	613
4,000	341	396	701
4,500	399	459	788
5,000	458	524	876

1. Small Project means a project with less than 5,000 sf of new plus replaced impervious surface.
2. Table developed per SPU Procedure “Small Project Standard for On-Site Infiltration-No “Off-Site” Point of Discharge (POD)”- July 15, 2013.
3. Sizing per Director's Rule 17-2009 / SPU 2009-005, [III - Stormwater Flow Control and Water Quality Treatment Technical Requirements Manual](#) Table 4.27. Sizing Factors for Drywells Receiving Runoff from Impervious Surface. Peak Flow Control is 24.9% and 17.52 % for 4-foot and 6-foot deep drywells, respectively. Assumes 0.25 in/hour infiltration rate.