Total Volumes of Stormwater Ponds
That Comply with Various Water Quality and Rate Control Provisions

Ordinance Provisions Met	Pond Volumes Associated with These Provisions for a one acre site (inches over the site / total cubic feet)		
	Water Quality	Rate Control	Total
0.5" WQ + 25-Yr. Rate Control	0.50 / 1,815	2.20 / 7,985	2.70 / 9,800
0.5" WQ + *2-Yr. Rate Control*	0.50 / 1,815	3.46 / 12,560	3.96 / 14,375
1.125" WQ + 25-Year Rate Control (Lake Protection)	1.125 / 4,084	1.735 / 6,298	2.86 / 10,382
1.125" WQ + *2-Yr. Rate Control* (Lake Protection)	1.125 / 4,084	2.835 / 10,291	3.96 / 14,375
4.0" WQ + 25-Yr. Rate Control (The Bradfordville 4-Inch Standard)	2.00 / 7,260	1.20 / 4,356	3.20 / 11,616
6.4" Volume Control + 25-Yr. Rate control	3.20 /11,616	0.45 / 1,634	3.65 / 13,250

All of the values above are for stormwater facilities serving a 1.0 acre site developed to possess 50 percent impervious area with a post-developed pervious area CN of 66 - which has been constructed on an undeveloped site with an original CN of 60.