

Worksheet B.2.2-1. DCV

Design Capture Volume		Worksheet B-2.1		
1	85 th percentile 24-hr storm depth from Figure B.1-1	d		inches
2	Area tributary to BMP (s)	A		acres
3	Area weighted runoff factor (estimate using Appendix B.1.1 and B.2.1)	C		unitless
4	Street trees volume reduction	TCV		cubic-feet
5	Rain barrels volume reduction	RCV		cubic-feet
6	Calculate DCV = $(3,630 \times C \times d \times A) - TCV - RCV$	DCV		cubic-feet