

DETENTION, RETENTION, AND BMP SIZING WORKSHEET

See City of Milpitas Stormwater C.3 Guidebook, Chapter 5 for Instructions

Information from Planning and Zoning Application

Project Name  
Address/Location  
Applicant Name  
Applicant Address  
Phone  
Fax  
Email  
Assessor's Parcel Number

Information from C.3 Data Form

Project Site Size (sq. ft.)  
Existing impervious surface area (sq. ft.)  
New impervious surface to be replaced (sq. ft.)  
New impervious surface to be added (sq. ft.)  
New total impervious surface area (sq. ft.)

Use a separate sheet for each catchment area

Total Area of this Catchment:

Table 1. Pervious Areas					
Area ID	Surface	Size (square feet)		Runoff factor "C"	Size * C
		Self-retaining	Non-self retaining		
Totals		0	0		0

Runoff factors for non-self-retaining pervious areas

Surface	"C"
Turf	0.1
Landscape	0.1
Crushed aggregate	0.1
Pervious Concrete	0.6
Pervious Asphalt	0.55

Table 2. Impervious Areas						
Area ID	Surface	Size (square feet)	BMP to be used	Sizing Factor	Minimum Surface Area	Surface Area as designed
Total		0				

Sizing Factors	
BMP	Factor
Landscape Swale	0.034
Vegetative Filter	0.034
Stormwater Planter	0.034
Bioretention	0.034
Sand Filter	0.034

Total Area Served by Integrated/Distributed BMPs 0  
Remaining DCIA not Served by Integrated/Distributed BMPs 0  
Total Remaining Connected Area in This Catchment 0

Structural BMP Water Quality Volume (California BMP Method)	
Percent remaining directly connected impervious area	0%
Enter unit basin storage volume (from nomograph)	0.04
Water Quality Volume (cubic feet)	0

Structural BMP Design Flow Rate	
Runoff factor for non-self-retaining area	0
Design Rainfall Intensity (inches/hour)	0.2
Design Flow Peak Rate (cubic feet/hour)	0.0