

Stormwater Detention and Infiltration Design Data Sheet

Worksheet Protected

User Input: Watershed Characteristics

0.020

175	ft
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0.27	acres
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95.0%	percent
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100.0% percent

0.0% percent

0.0%	percent
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Location for 1-hr Rainfall Depths (use dropdown):

User Input

WQCV Treatment Method = Sand Filter

[illegible]

After completing and printing this worksheet to a pdf, go to:

<https://maperture.digitaldataservices.com/gvh/?viewer=cswdif>

create a new stormwater facility, and

attach the pdf of this worksheet to that record.

Routed Hydrograph Results

Design Storm Return Period =	WQCV	2 Year	5 Year	10 Year	50 Year	100 Year	
One-Hour Rainfall Depth =	0.53	1.19	1.75	2.00	2.25	2.52	in
Calculated Runoff Volume =	0.008	0.025	0.037	0.043	0.050	0.057	acre-ft
OPTIONAL Override Runoff Volume =							acre-ft
Inflow Hydrograph Volume =	0.008	0.024	0.037	0.043	0.050	0.057	acre-ft
Time to Drain 97% of Inflow Volume =	11.0	11.9	11.3	11.1	10.9	10.5	hours
Time to Drain 99% of Inflow Volume =	11.9	12.8	12.6	12.5	12.4	12.3	hours
Maximum Ponding Depth =	0.64	0.88	0.99	1.06	1.14	1.25	ft
Maximum Poned Area =	0.02	0.02	0.02	0.02	0.02	0.02	acres
Maximum Volume Stored =	0.006	0.010	0.012	0.014	0.015	0.018	acre-ft

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