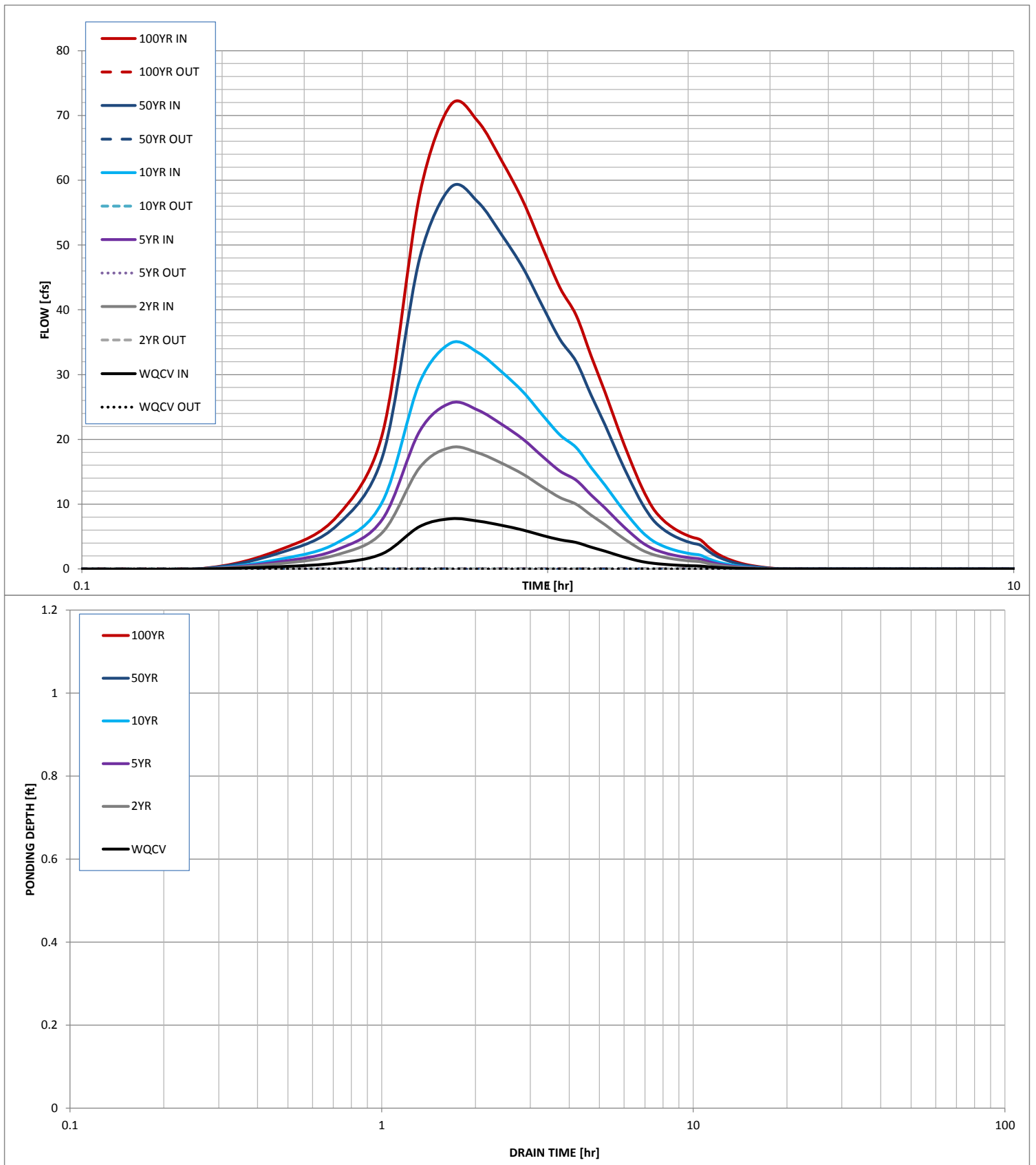


Worksheet Protected

**Facility Location & Jurisdiction:** Pond A

# Stormwater Detention and Infiltration Design Data Sheet



# Stormwater Detention and Infiltration Design Data Sheet

Worksheet Protected

### User Input: Watershed Characteristics

Watershed Slope =	0.020	ft/ft
Watershed Length =	1290	ft
Watershed Area =	24.08	acres
Watershed Imperviousness =	52.2%	percent
Percentage Hydrologic Soil Group A =		percent
Percentage Hydrologic Soil Group B =	100.0%	percent
Percentage Hydrologic Soil Groups C/D =		percent

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

User Input

WQCV Treatment Method = Extended Detention ▼

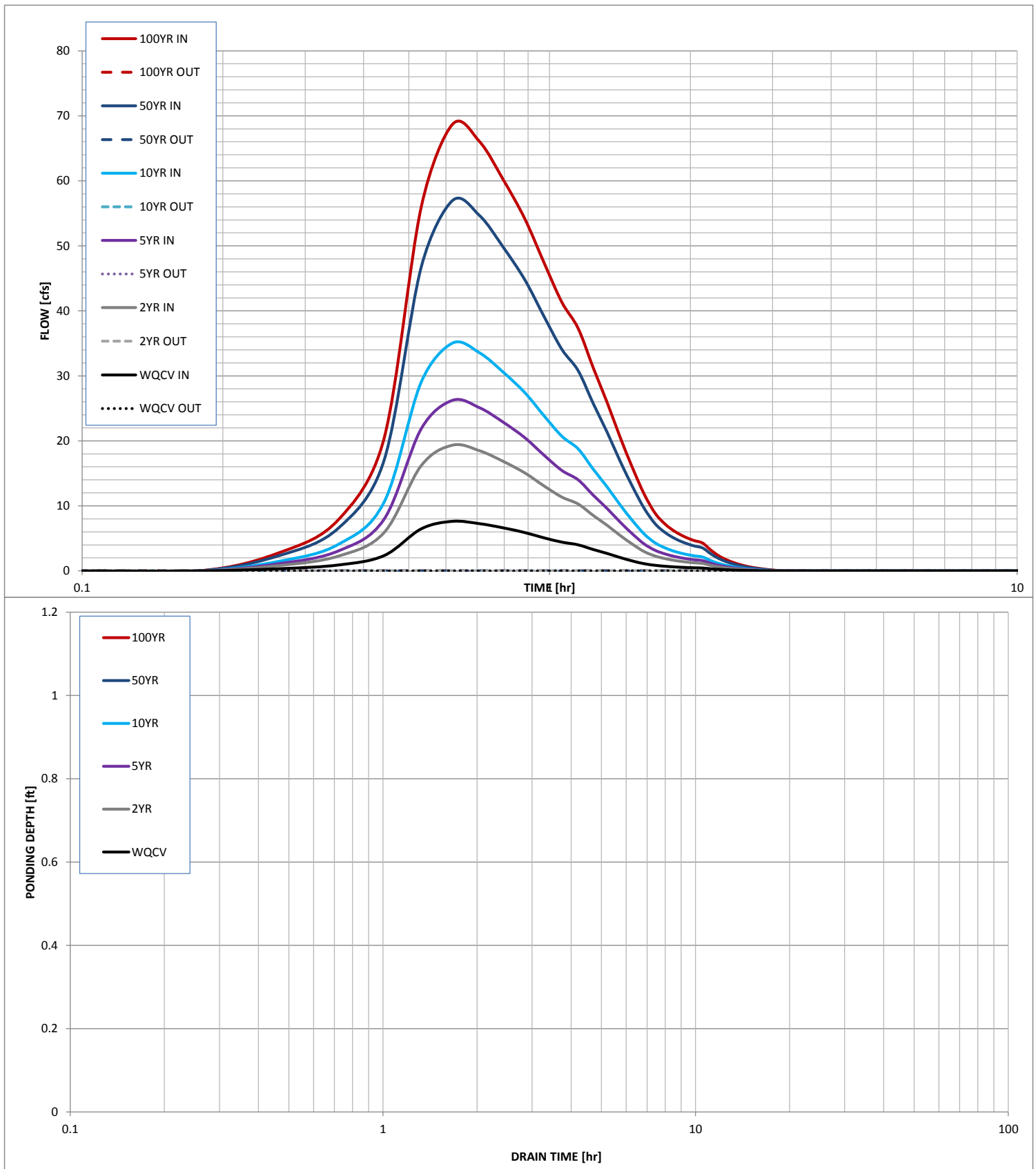
[illegible]

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	1.50	1.75	2.25	2.52	in
Calculated Runoff Volume =	0.426	1.092	1.486	1.992	3.261	3.945	acre-ft
OPTIONAL Override Runoff Volume =							acre-ft
Inflow Hydrograph Volume =							acre-ft
Time to Drain 97% of Inflow Volume =							hours
Time to Drain 99% of Inflow Volume =							hours
Maximum Ponding Depth =							ft
Maximum Poned Area =							acres
Maximum Volume Stored =							acre-ft

## Stormwater Detention and Infiltration Design Data Sheet



## Stormwater Detention and Infiltration Design Data Sheet

Worksheet Protected

Watershed Slope =	0.021
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Watershed Length = 1580 ft

Watershed Area = 21.33 acres

Watershed Imperviousness = 

64.5%
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 percent

Percentage Hydrologic Soil Group B =	100.0%	percent
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Location for 1-hr Rainfall Depths (use dropdown):

User Input

WQCV Treatment Method = **Extended Detention**

[illegible]

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

**attach the pdf of this worksheet to that record.**

Design Storm Return Period =	WQCV	2 Year	5 Year	10 Year	50 Year	100 Year
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One-Hour Rainfall Depth =	0.53	1.19	1.50	1.75	2.25	2.52	in
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Calculated Runoff Volume =	0.448	1.241	1.661	2.137	3.207	3.799	acre-ft
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OPTIONAL Override Runoff Volume =						
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[illegible][illegible]

Maximum Ponding Depth =							ft
Minimum Ponding Depth =							

[illegible]

Maximum Volume Stored = \_\_\_\_\_ acre-ft

# Stormwater Detention and Infiltration Design Data Sheet

