

Stormwater Detention and Infiltration Design Data Sheet

Worksheet Protected

Watershed Slope =	0.041
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Watershed Length =	6000	ft
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Imperviousness = 22.0% percent

Age Hydrologic Soil Group A = 0.0% percent

Percentage Hydrologic Soil Group B = 100.0% percent

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

[illegible]

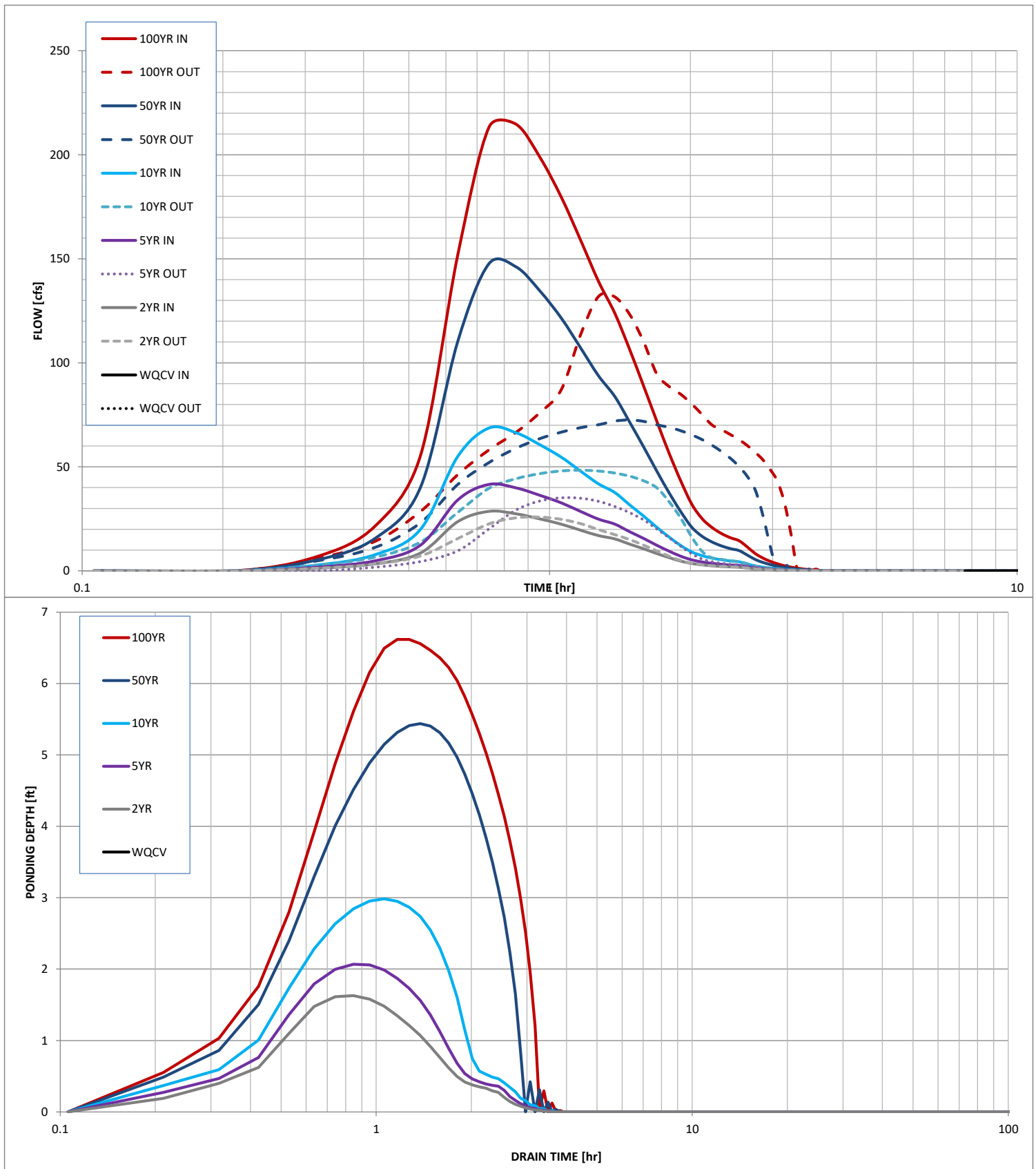
<https://maperture.digitaldataservices.com/gvh/?viewer=cswdif>

attach the pdf of this worksheet to that record.

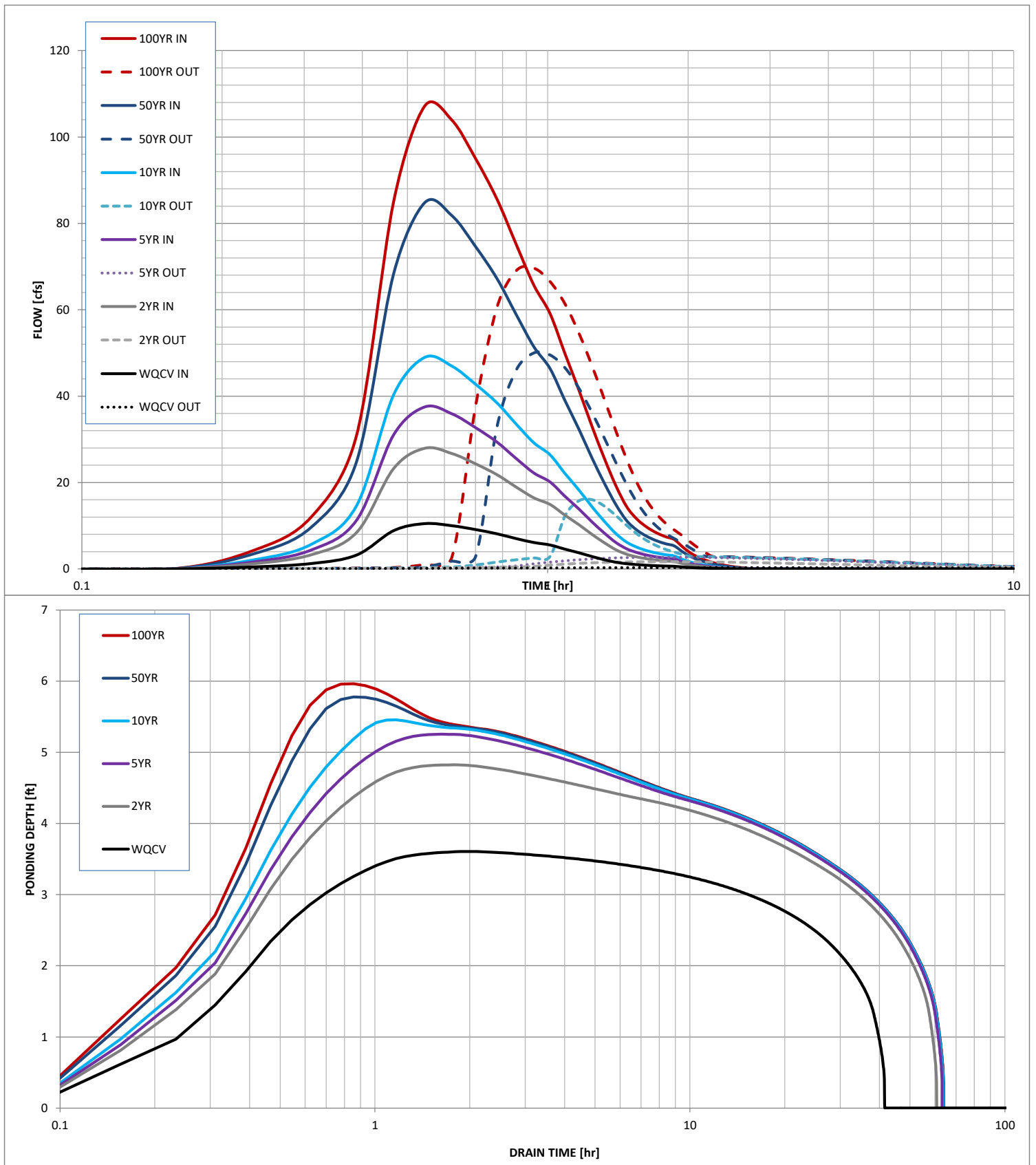
WOCV	2 Year	5 Year	10 Year	50 Year	100 Year
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Design Storm Return Period =	WQCV	2 Year	5 Year	10 Year	50 Year	100 Year	
One-Hour Rainfall Depth =	0.60	1.19	1.50	1.75	2.00	2.52	in
Calculated Runoff Volume =		2.225	3.248	5.427	11.927	17.507	acre-ft
OPTIONAL Override Runoff Volume =							acre-ft
Inflow Hydrograph Volume =		2.224	3.247	5.421	11.925	17.502	acre-ft
Time to Drain 97% of Inflow Volume =		1.3	1.5	1.8	2.8	3.1	hours
Time to Drain 99% of Inflow Volume =		1.6	1.7	2.0	2.9	3.2	hours
Maximum Ponding Depth =		1.63	2.07	2.98	5.44	6.62	ft
Maximum Poned Area =		0.29	0.47	0.86	1.66	1.84	acres
Maximum Volume Stored =		0.150	0.313	0.919	4.136	6.200	acre-ft

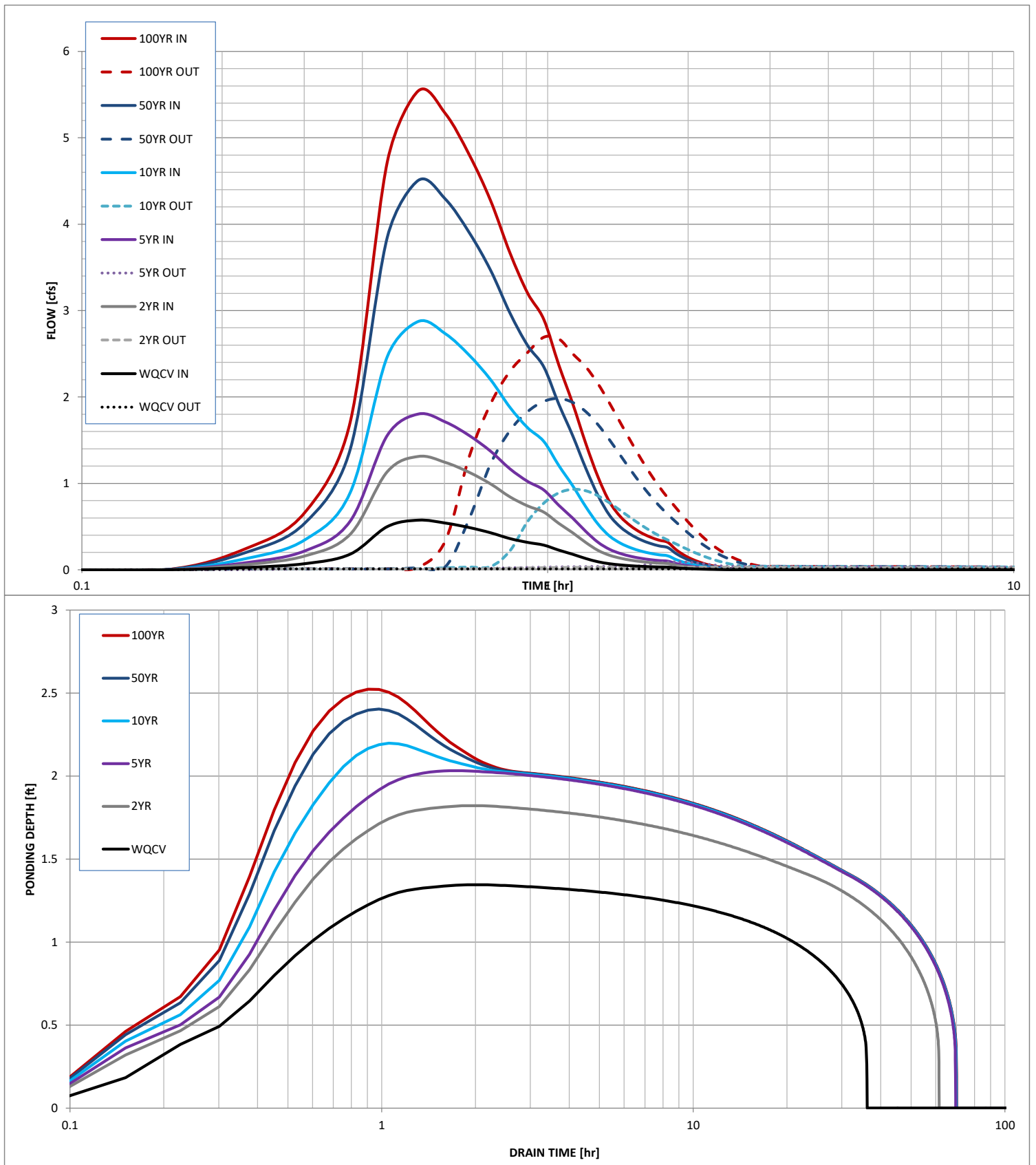
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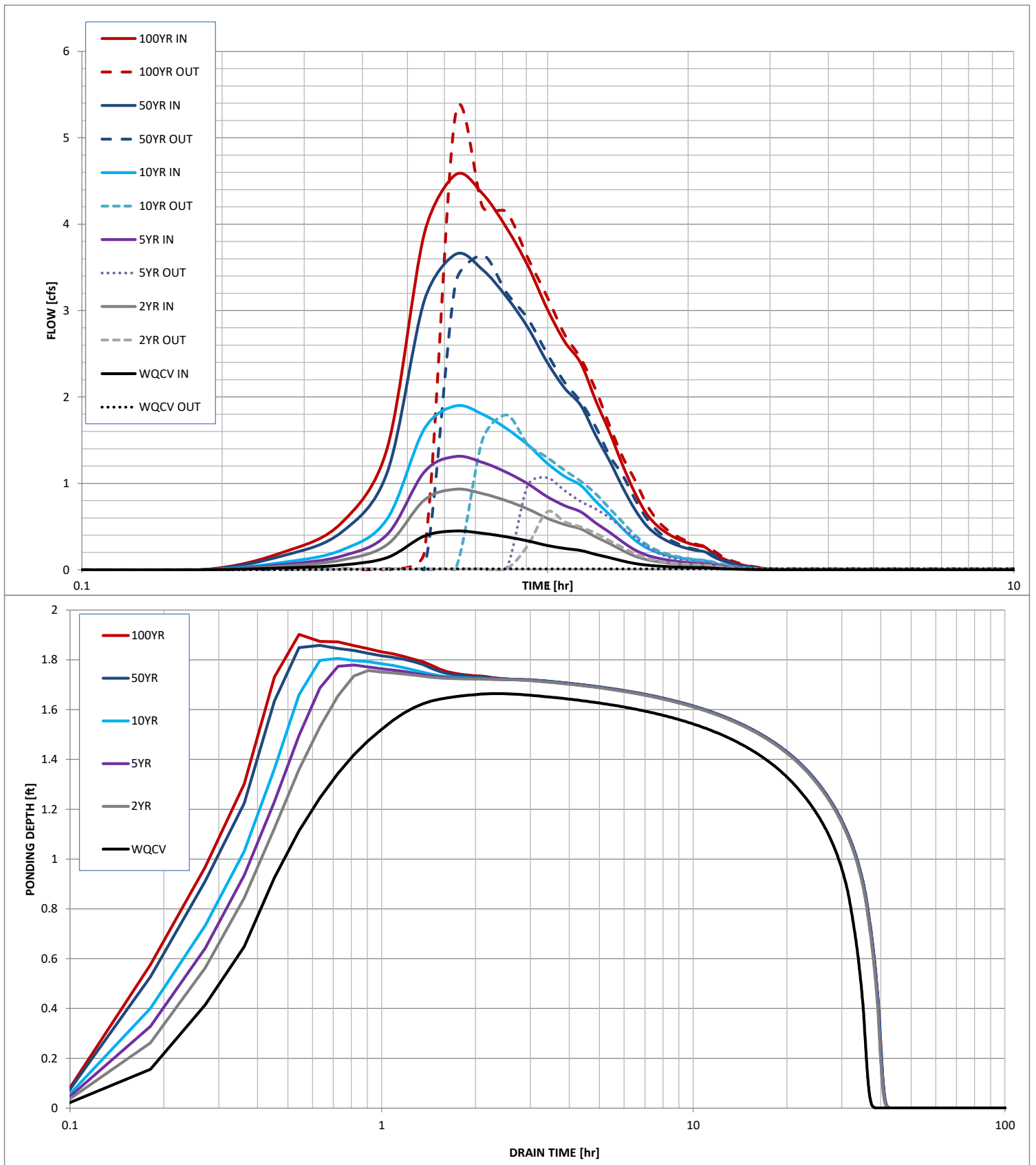
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