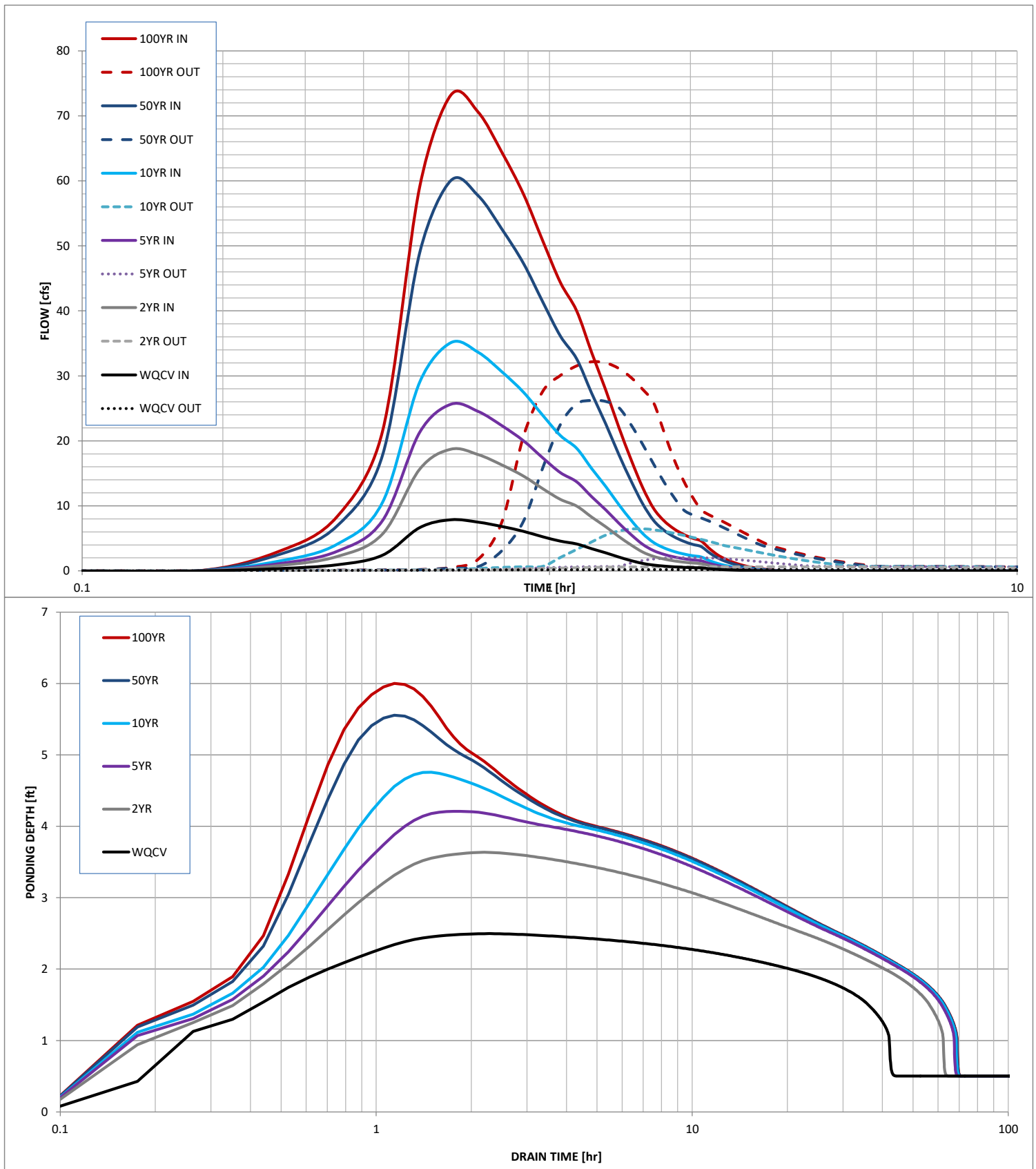


Worksheet Protected

Facility Location & Jurisdiction: Pond A

Stormwater Detention and Infiltration Design Data Sheet



Stormwater Detention and Infiltration Design Data Sheet

Worksheet Protected

Watershed Slope =	0.020
-------------------	-------

Watershed Length =	1290	ft
--------------------	------	----

Watershed Area =	24.73	acres
------------------	-------	-------

Watershed Imperviousness =	51.1%	percent
----------------------------	-------	---------

Stage 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):

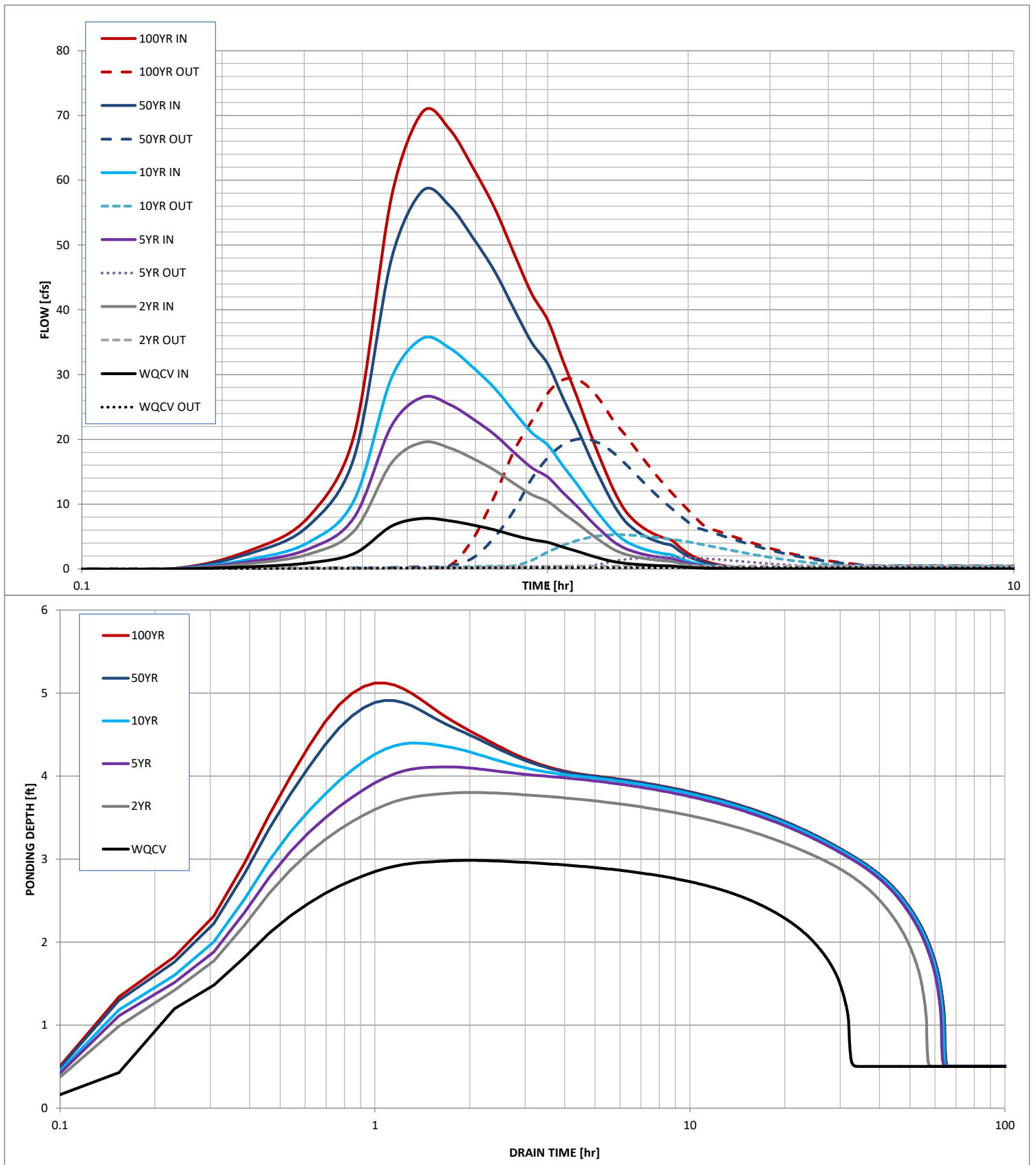
[illegible]

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.

WOCV	2 Year	5 Year	10 Year	50 Year	100 Year
------	--------	--------	---------	---------	----------

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 =	0.431	1.093	1.491	2.008	3.316	4.020	acre-ft
OPTIONAL Override Runoff Volume =							acre-ft
Inflow Hydrograph Volume =	0.431	1.093	1.490	2.007	3.316	4.020	acre-ft
Time to Drain 97% of Inflow Volume =	30.3	52.6	57.9	57.3	54.6	53.0	hours
Time to Drain 99% of Inflow Volume =	31.6	55.1	61.0	61.4	60.4	59.8	hours
Maximum Ponding Depth =	2.98	3.80	4.11	4.40	4.91	5.12	ft
Maximum Poned Area =	0.55	0.98	1.08	1.10	1.14	1.16	acres
Maximum Volume Stored =	0.399	1.031	1.349	1.667	2.241	2.483	acre-ft

Stormwater Detention and Infiltration Design Data Sheet



Worksheet Protected

Facility Location & Jurisdiction: Pond C

Stormwater Detention and Infiltration Design Data Sheet

