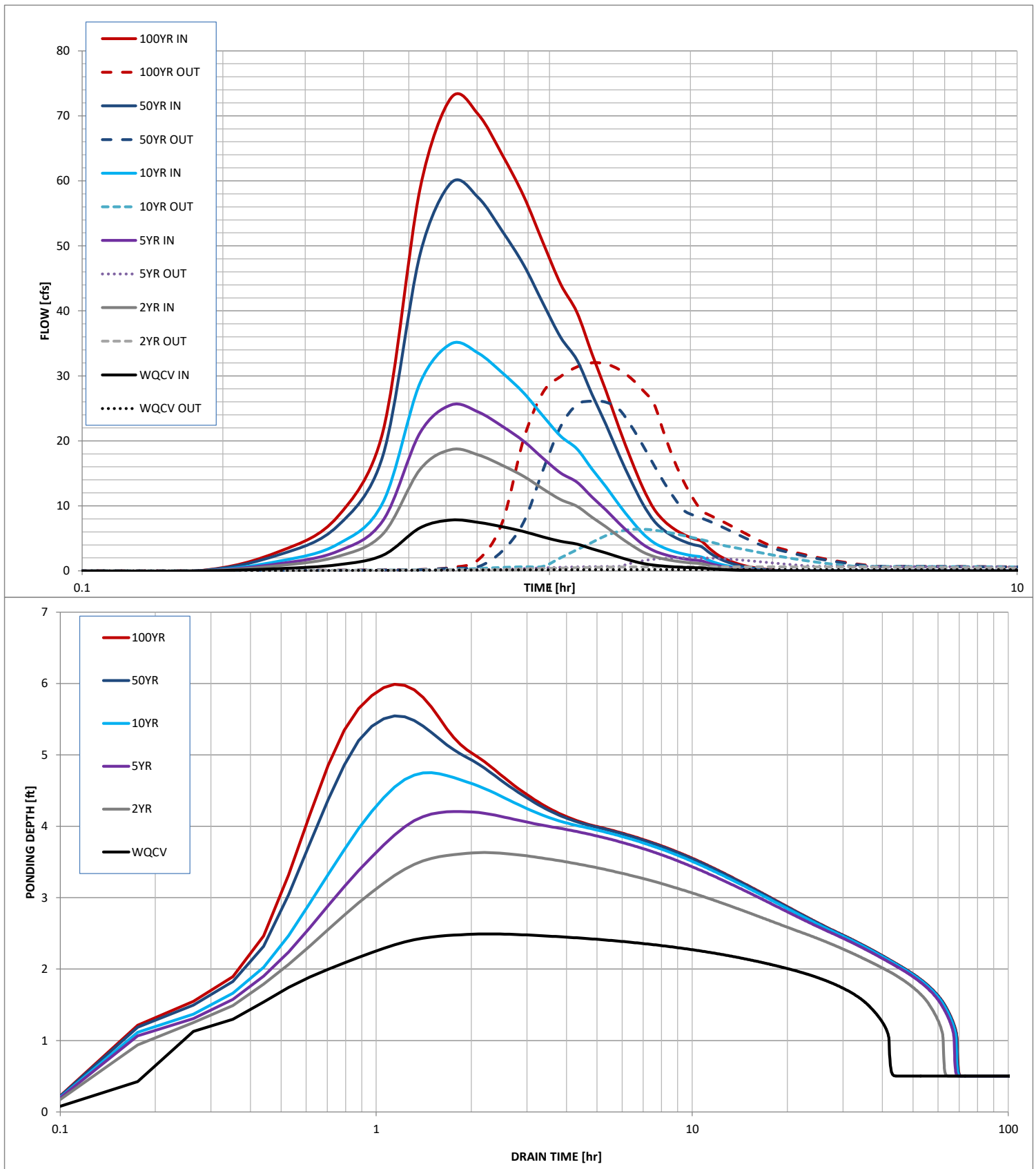


Worksheet Protected

Facility Location & Jurisdiction: Pond A

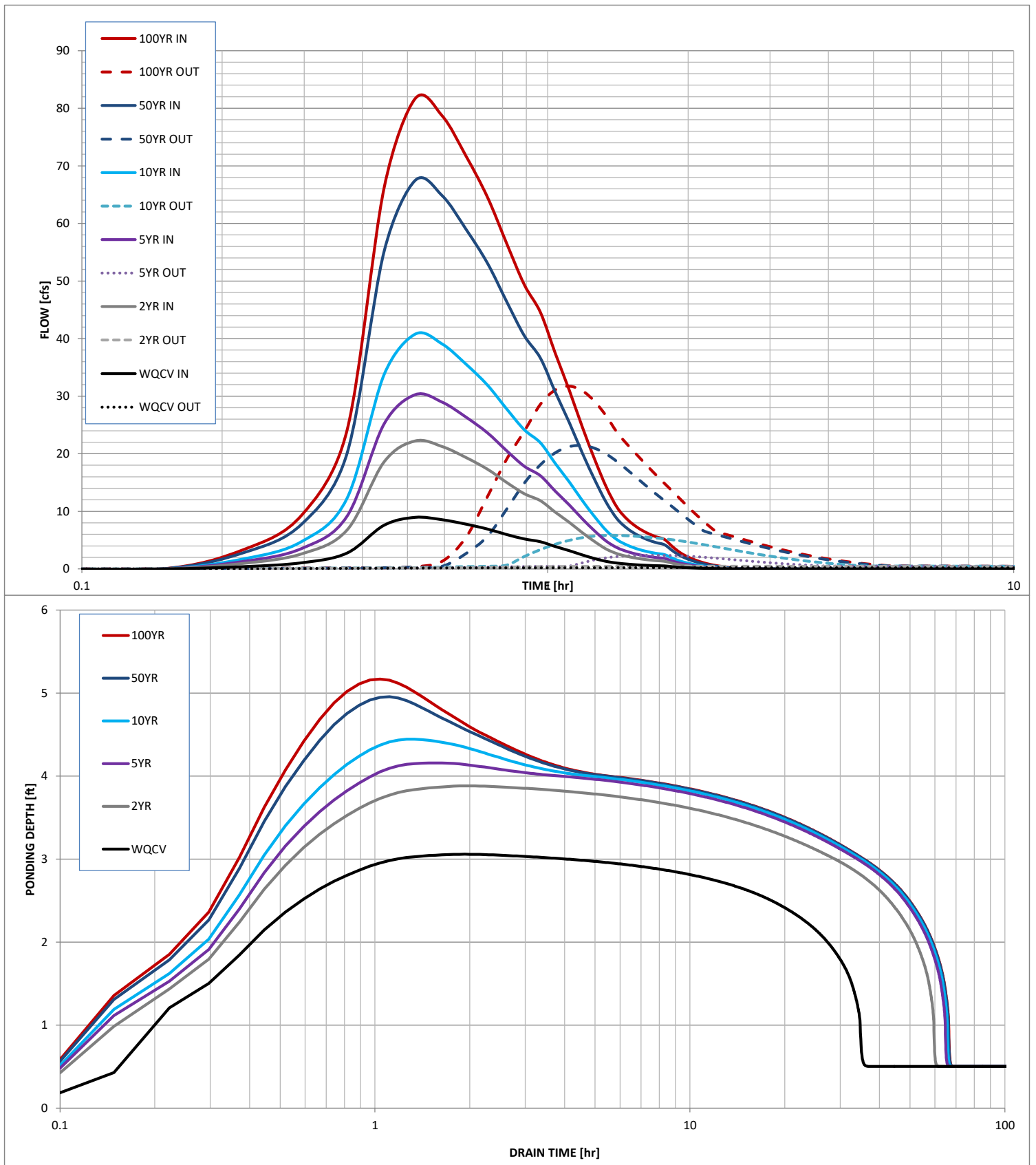
Stormwater Detention and Infiltration Design Data Sheet



Worksheet Protected

Facility Location & Jurisdiction: Pond B

Stormwater Detention and Infiltration Design Data Sheet



Stormwater Detention and Infiltration Design Data Sheet

Worksheet Protected

Watershed Slope =	0.034
-------------------	-------

Watershed Length =	1580	ft
--------------------	------	----

Watershed Area =	224.34	acres
------------------	--------	-------

Watershed Imperviousness =	10.3%	percent
----------------------------	-------	---------

Percentage Hydrologic Soil Group A = percent

Percentage Hydrologic Soil Group B =	100.0%	percent
--------------------------------------	--------	---------

Percentage Hydrologic Soil Groups C/D = percent

User Input

WQCV Treatment Method = **Extended Detention**

[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
------	--------	--------	---------	---------	----------

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 =	1.285	1.501	2.330	5.238	18.960	25.857	acre-ft
OPTIONAL Override Runoff Volume =							acre-ft
Inflow Hydrograph Volume =	1.284	1.501	2.330	5.231	18.959	25.854	acre-ft
Time to Drain 97% of Inflow Volume =	37.4	40.7	50.4	46.0	32.4	27.4	hours
Time to Drain 99% of Inflow Volume =	39.7	43.3	54.1	52.5	45.1	42.3	hours
Maximum Ponding Depth =	3.24	3.47	4.30	5.58	10.49	10.97	ft
Maximum Ponded Area =	0.87	0.90	1.01	1.12	1.55	1.60	acres
Maximum Volume Stored =	1.230	1.442	2.224	3.596	10.141	10.911	acre-ft

Stormwater Detention and Infiltration Design Data Sheet

