HRGreen®

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November 19, 2026

El Paso County Engineering Division
Department of Public Works
3275 Akers Drive
Colorado Springs, Colorado 80922

Re: Professional Engineer's Certification of Permanent Control Measure
Flying Horse North Filing No. 3, Pond B

This letter serves as a Pond Certification for the constructed Full Spectrum Detention Facility "Pond B" located in Flying Horse North Filing No. 3. The permanent control measure is located within Tract B which is located within the southwest corner of the Flying Horse North subdivision with access from the west termination point of Allen Ranch Road, adjacent to Lots 19 and 20, Filing No. 3, El Paso County, Colorado.

The detention facility was designed by a Colorado Licensed Professional Engineer of HR Green Development, LLC. and the design is within the County approved Construction Drawings dated July 8, 2024 and is referred to as "Pond B" within Tract A of the development. A Colorado Licensed Professional Surveyor conducted an as-built survey of the facility in August of 2025 to verify the basin and infrastructure dimensions, elevations, materials, inverts, and slopes as required for determination of inflow and outflow hydraulics.

A Stormwater Preliminary Acceptance Punchlist was issued by El Paso County Stormwater Engineering staff and inspections dated 6/11/2026 for a 1st Walkthrough dated 6/11/2026 for ESQCP No. ESQ2428 with the related PCD File Nos. SF2326, CON2427, and ASB2615. Punchlist items were addressed and a new issuance of the As-Built Construction Drawings have been provided to the County dated November 19, 2026.

The as-built conditions of the basin and its infrastructure were assessed and compared to the approved Construction Drawings and design worksheets within the approved Final Drainage Report. As-built conditions were assessed and redlined plans and reports were issued for field adjustments and verification of as-built conditions for the pond and its infrastructure, per the ASB documentation.

POND B [CONSTRUCTION DRAWINGS PLAN SHEETS 28-32]:

- Outlet Structure
  - Restrictor plate is installed approximately 1' too low. Install per approved plans. ***A revised, redlined as-built is now provided for the installed condition and verification that the pond functions as intended and per criteria is verified by the Engineer of Record.***
  - "Ladder steps" not installed per approved plans. Install per approved plans. ***Ladder steps now installed..***
  - A bar grate type trash rack was installed in the field, but the plans call for a Johnson Vee Wire type. The bar grate is acceptable so please as-built this discrepancy. ***Bar grate type track rack has been approved by the Engineer of Record. Notes are revised in the redlined as-built CD's.***
  - Lowest orifice is ~10" too high. 2nd orifice is likely too high. Fix the orifice hole elevations to match plans
    or have an engineer re-run the calcs with the orifice holes as-is to see if the calcs work. ***A revised, redlined as-built is now provided for the installed condition and verification that the pond functions as intended and per criteria is verified by the Engineer of Record.***
  - Orifice plate not flush with wall, therefore a watertight seal is not present. Install a wider plate

and new gasket or propose an alternative solution. ***Watertight gasket has been installed.***

- Spillway
    - Spillway is two feet short in length along the crest. Install per approved plans or consult the Engineer of Record (see Note 1). ***A revised, redlined as-built is now provided for the installed condition and verification that the pond functions as intended and per criteria is verified by the Engineer of Record.***
    - Plans call for plain riprap (on plan view of pond and in one pond detail. Soil riprap is shown in a third location), but no riprap is visible on the surface. Verify if any was installed and then buried and then as- built what was installed or install per plan. ***Redlined as-builts now show soil rip-rap section as approved by Engineer of Record.***
- Pond signage not installed. Install per approved plan. ***Signage has now been installed.***
- Implement stabilization measures on bare areas throughout pond. ***Stabilization has been completed.***
- Maintenance road was not installed. Install maintenance road per plan. Plans on page 28 show concrete maintenance path access but page 29 show an aggregate base course on the typical section for the maintenance path. Pick one of these approved materials or propose an alternative to EPC for approval. ***Crushed concrete now specified and redlines on the as-builts. This is approved by the Engineer of Record and was discussed with Stormwater Engineering in July of 2026.***

With the field adjustments and verification of as-built conditions as of November 19, 2026, the facility was found to be in general compliance with the design, and it is anticipated that the facility will function as intended with no negative impacts to surrounding and downstream developments, property, or infrastructure. General compliance allows for construction tolerances and is based on the information provided by the as-built survey.

The facility is in a stabilized condition and there are no proposed modifications required at this time.

The site and adjacent properties (as affected by work performed under the County permit) are stable with respect to settlement and subsidence, sloughing of cut and fill slopes, revegetation or other ground cover, and that the improvements (public improvements, common development improvements, site grading and paving) meet or exceed the minimum design requirements. The PCM(s) provide the required storage volume and meet the required release rates, stage areas, elevations, and outlet dimensions, as documented by the attached revised MHFD-Detention spreadsheet that shows the as-built conditions.

Sincerely,

HR GREEN, INC.

RichardDLyon



Richard D. Lyon, PE (No. 53921)
Senior Project Manager, Civil Engineer
HR Green Development, LLC.

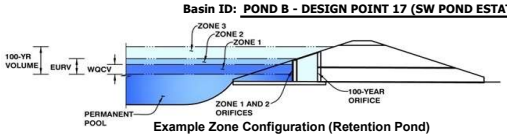
DETENTION BASIN STAGE-STORAGE TABLE BUILDER

MHFD-Detention, Version 4.06 (July 2022)

Project: FLYING HORSE NORTH FILING NO. 3

Basin ID: POND B - DESIGN POINT 17 (SW POND ESTATES AREA)

AS-BUILT CONDITION AS OF SEPTEMBER 29, 2026.



Example Zone Configuration (Retention Pond)

Watershed Information

Selected BMP Type =	EDB	
Watershed Area =	128.40	acres
Watershed Length =	4,000	ft
Watershed Length to Centroid =	665	ft
Watershed Slope =	0.050	ft/ft
Watershed Imperviousness =	10.04%	percent
Percentage Hydrologic Soil Group A =	0.0%	percent
Percentage Hydrologic Soil Group B =	100.0%	percent
Percentage Hydrologic Soil Groups C/D =	0.0%	percent
Target WQCV Drain Time =	40.0	hours
Location for 1-hr Rainfall Depths =	User Input	

After providing required inputs above including 1-hour rainfall depths, click 'Run CUHP' to generate runoff hydrographs using the embedded Colorado Urban Hydrograph Procedure.

			Optional User Overrides	
Water Quality Capture Volume (WQCV) =	0.719	acre-feet		acre-feet
Excess Urban Runoff Volume (EURV) =	1.212	acre-feet		acre-feet
2-yr Runoff Volume (P1 = 1.19 in.) =	1.712	acre-feet	1.19	inches
5-yr Runoff Volume (P1 = 1.5 in.) =	3.777	acre-feet	1.50	inches
10-yr Runoff Volume (P1 = 1.75 in.) =	5.836	acre-feet	1.75	inches
25-yr Runoff Volume (P1 = 2 in.) =	9.505	acre-feet	2.00	inches
50-yr Runoff Volume (P1 = 2.25 in.) =	12.010	acre-feet	2.25	inches
100-yr Runoff Volume (P1 = 2.52 in.) =	15.612	acre-feet	2.52	inches
500-yr Runoff Volume (P1 = 3.14 in.) =	22.181	acre-feet		inches
Approximate 2-yr Detention Volume =	0.774	acre-feet		
Approximate 5-yr Detention Volume =	1.214	acre-feet		
Approximate 10-yr Detention Volume =	2.515	acre-feet		
Approximate 25-yr Detention Volume =	3.510	acre-feet		
Approximate 50-yr Detention Volume =	3.673	acre-feet		
Approximate 100-yr Detention Volume =	4.746	acre-feet		

Define Zones and Basin Geometry

Zone 1 Volume (WQCV) =	0.719	acre-feet
Zone 2 Volume (EURV - Zone 1) =	0.493	acre-feet
Zone 3 Volume (100-year - Zones 1 & 2) =	3.534	acre-feet
Total Detention Basin Volume =	4.746	acre-feet
Initial Surcharge Volume (ISV) =	user	ft^3
Initial Surcharge Depth (ISD) =	user	ft
Total Available Detention Depth (H_{total}) =	user	ft
Depth of Trickle Channel (H_{TC}) =	user	ft
Slope of Trickle Channel (S_{TC}) =	user	ft/ft
Slopes of Main Basin Sides (S_{main}) =	user	H:V
Basin Length-to-Width Ratio ($R_{L/W}$) =	user	
Initial Surcharge Area (A_{ISV}) =	user	ft^2
Surcharge Volume Length (L_{ISV}) =	user	ft
Surcharge Volume Width (W_{ISV}) =	user	ft
Depth of Basin Floor (H_{FLOOR}) =	user	ft
Length of Basin Floor (L_{FLOOR}) =	user	ft
Width of Basin Floor (W_{FLOOR}) =	user	ft
Area of Basin Floor (A_{FLOOR}) =	user	ft^2
Volume of Basin Floor (V_{FLOOR}) =	user	ft^3
Depth of Main Basin (H_{MAIN}) =	user	ft
Length of Main Basin (L_{MAIN}) =	user	ft
Width of Main Basin (W_{MAIN}) =	user	ft
Area of Main Basin (A_{MAIN}) =	user	ft^2
Volume of Main Basin (V_{MAIN}) =	user	ft^3
Calculated Total Basin Volume (V_{total}) =	**user**	acre-feet

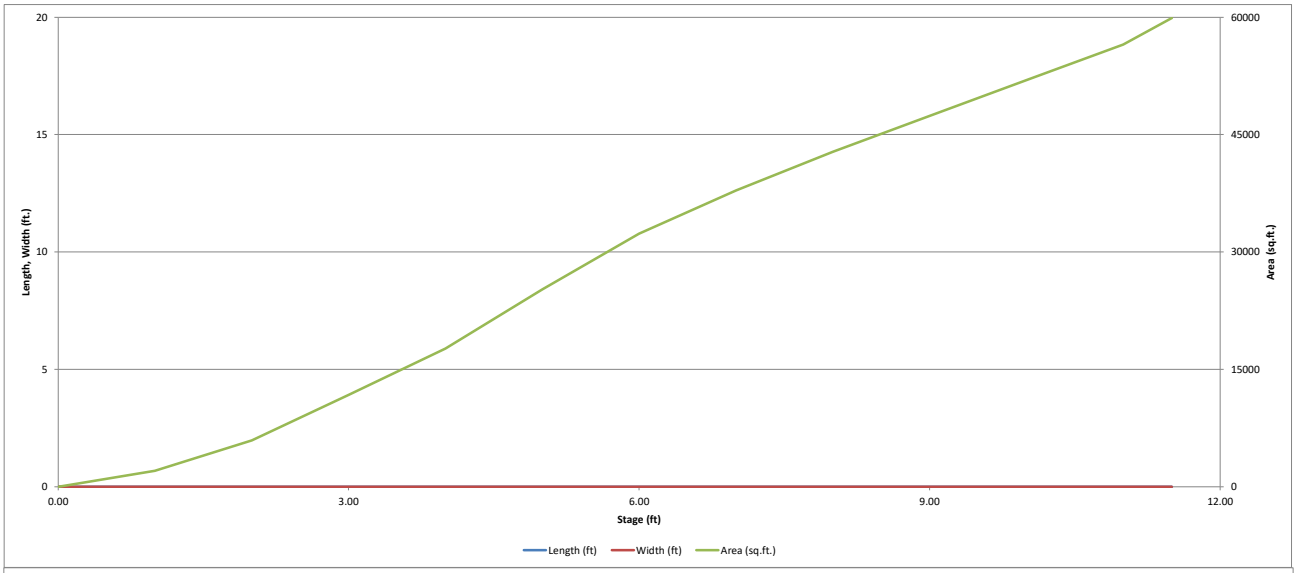
revised figures, typical.

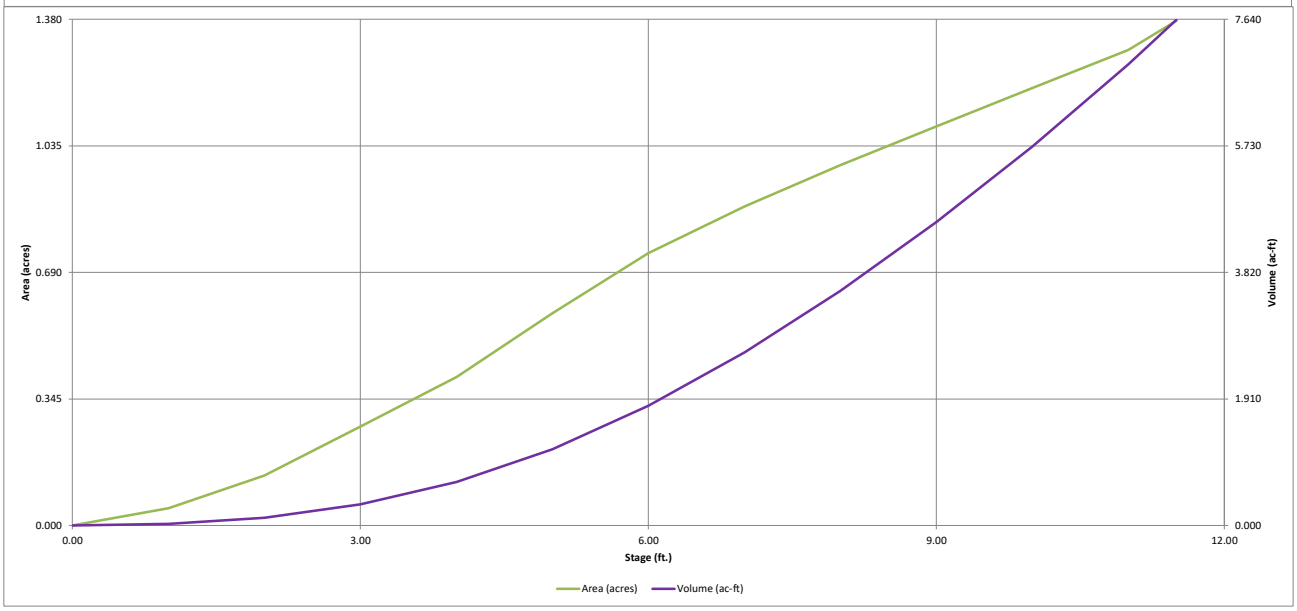
Depth Increment = ft

Stage - Storage Description	Stage (ft)	Optional Override Stage (ft)	Length (ft)	Width (ft)	Area (ft^2)	Optional Override Area (ft^2)	Area (acre)	Volume (ft^3)	Volume (ac-ft)
7365 **Top of Micropool**	--	0.00	--	--	--	15	0.000		
7366	--	1.00	--	--	--	2,056	0.047	1,035	0.024
7367	--	2.00	--	--	--	5,942	0.136	5,034	0.116
7368	--	3.00	--	--	--	11,757	0.270	13,884	0.319
7369	--	4.00	--	--	--	17,655	0.405	28,590	0.656
7370	--	5.00	--	--	--	25,216	0.579	50,025	1.148
7371	--	6.00	--	--	--	32,345	0.743	78,806	1.809
7372	--	7.00	--	--	--	37,889	0.870	113,923	2.615
7373	--	8.00	--	--	--	42,809	0.983	154,272	3.542
7374	--	9.00	--	--	--	47,409	1.088	199,381	4.577
7375	--	10.00	--	--	--	51,973	1.193	249,072	5.718
7376	--	11.00	--	--	--	56,501	1.297	303,309	6.963
7376.5	--	11.50	--	--	--	59,927	1.376	332,416	7.631

DETENTION BASIN STAGE-STORAGE TABLE BUILDER

MHFD-Detention, Version 4.06 (July 2022)



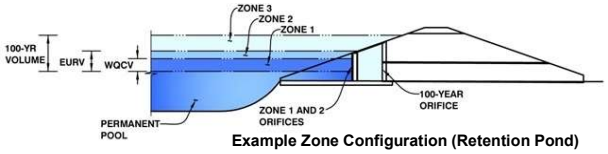


DETENTION BASIN OUTLET STRUCTURE DESIGN

MHFD-Detention, Version 4.06 (July 2022)

Project: FLYING HORSE NORTH FILING NO. 3

Basin ID: POND B - DESIGN POINT 17 (SW POND ESTATES AREA)



Example Zone Configuration (Retention Pond)

	Estimated Stage (ft)	Estimated Volume (ac-ft)	Outlet Type
Zone 1 (WQCV)	4.16	0.719	Orifice Plate
Zone 2 (EURV)	5.11	0.493	Orifice Plate
Zone 3 (100-year)	9.16	3.534	Weir&Pipe (Restrict)
Total (all zones)		4.746	

User Input: Orifice at Underdrain Outlet (typically used to drain WQCV in a Filtration BMP)

			Calculated Parameters for Underdrain		
Underdrain Orifice Invert Depth =	N/A	ft (distance below the filtration media surface)	Underdrain Orifice Area =	N/A	ft²
Underdrain Orifice Diameter =	N/A	inches	Underdrain Orifice Centroid =	N/A	feet

User Input: Orifice Plate with one or more orifices or Elliptical Slot Weir (typically used to drain WQCV and/or EURV in a sedimentation BMP)

			Calculated Parameters for Plate		
Centroid of Lowest Orifice =	0.00	ft (relative to basin bottom at Stage = 0 ft)	WQ Orifice Area per Row =	N/A	ft²
Depth at top of Zone using Orifice Plate =	5.11	ft (relative to basin bottom at Stage = 0 ft)	Elliptical Half-Width =	N/A	feet
Orifice Plate: Orifice Vertical Spacing =	N/A	inches	Elliptical Slot Centroid =	N/A	feet
Orifice Plate: Orifice Area per Row =	N/A	sq. inches	Elliptical Slot Area =	N/A	ft²

REVISED ORIFICE PLATE DESIGN, AS-BUILT 10/6/2026 VERIFIES THIS PLATE DESIGN IS INSTALLED.

User Input: Stage and Total Area of Each Orifice Row (numbered from lowest to highest)

	Row 1 (required)	Row 2 (optional)	Row 3 (optional)	Row 4 (optional)	Row 5 (optional)	Row 6 (optional)	Row 7 (optional)	Row 8 (optional)
Stage of Orifice Centroid (ft)	0.00	0.50	3.50					
Orifice Area (sq. inches)	1.98	1.98	10.00					

	Row 9 (optional)	Row 10 (optional)	Row 11 (optional)	Row 12 (optional)	Row 13 (optional)	Row 14 (optional)	Row 15 (optional)	Row 16 (optional)
Stage of Orifice Centroid (ft)								
Orifice Area (sq. inches)								

User Input: Vertical Orifice (Circular or Rectangular)

	Not Selected	Not Selected		Calculated Parameters for Vertical Orifice	Not Selected	Not Selected	
Invert of Vertical Orifice =	N/A	N/A	ft (relative to basin bottom at Stage = 0 ft)	Vertical Orifice Area =	N/A	N/A	ft²
Depth at top of Zone using Vertical Orifice =	N/A	N/A	ft (relative to basin bottom at Stage = 0 ft)	Vertical Orifice Centroid =	N/A	N/A	feet
Vertical Orifice Diameter =	N/A	N/A	inches				

User Input: Overflow Weir (Dropbox with Flat or Sloped Grate and Outlet Pipe OR Rectangular/Trapezoidal Weir and No Outlet Pipe)

	Zone 3 Weir	Not Selected		Calculated Parameters for Overflow Weir	Zone 3 Weir	Not Selected	
AS-BUILT 11/19/26 Overflow Weir Front Edge Height, Ho =	7.00	N/A	ft (relative to basin bottom at Stage = 0 ft)	Height of Grate Upper Edge, H_t =	7.00	N/A	feet
Overflow Weir Front Edge Length =	11.50	N/A	feet	Overflow Weir Slope Length =	11.50	N/A	feet
Overflow Weir Grate Slope =	0.00	N/A	H:V	Grate Open Area / 100-yr Orifice Area =	7.32	N/A	
Horiz. Length of Weir Sides =	11.50	N/A	feet	Overflow Grate Open Area w/o Debris =	92.05	N/A	ft²
Overflow Grate Type =	Type C Grate	N/A		Overflow Grate Open Area w/ Debris =	46.02	N/A	ft²
Debris Clogging % =	50%	N/A	%				

User Input: Outlet Pipe w/ Flow Restriction Plate (Circular Orifice, Restrictor Plate, or Rectangular Orifice)

	Zone 3 Restrictor	Not Selected		Calculated Parameters for Outlet Pipe w/ Flow Restriction Plate	Zone 3 Restrictor	Not Selected	
AS-BUILT 11/19/26 Depth to Invert of Outlet Pipe =	0.55	N/A	ft (distance below basin bottom at Stage = 0 ft)	Outlet Orifice Area =	12.57	N/A	ft²
Outlet Pipe Diameter =	48.00	N/A	inches	Outlet Orifice Centroid =	2.00	N/A	feet
Restrictor Plate Height Above Pipe Invert =	48.00		inches	Half-Central Angle of Restrictor Plate on Pipe =	3.14	N/A	radians

RESTRICTOR PLATE ADJUSTMENT VERIFIED IN FIELD 10/6/26.

User Input: Emergency Spillway (Rectangular or Trapezoidal)

			Calculated Parameters for Spillway		
Spillway Invert Stage=	9.70	ft (relative to basin bottom at Stage = 0 ft)	Spillway Design Flow Depth=	1.55	feet
AS-BUILT 11/19/26 Spillway Crest Length =	40.00	feet	Stage at Top of Freeboard =	12.25	feet
Spillway End Slopes =	3.00	H:V	Basin Area at Top of Freeboard =	1.38	acres
Freeboard above Max Water Surface =	1.00	feet	Basin Volume at Top of Freeboard =	7.63	acre-ft

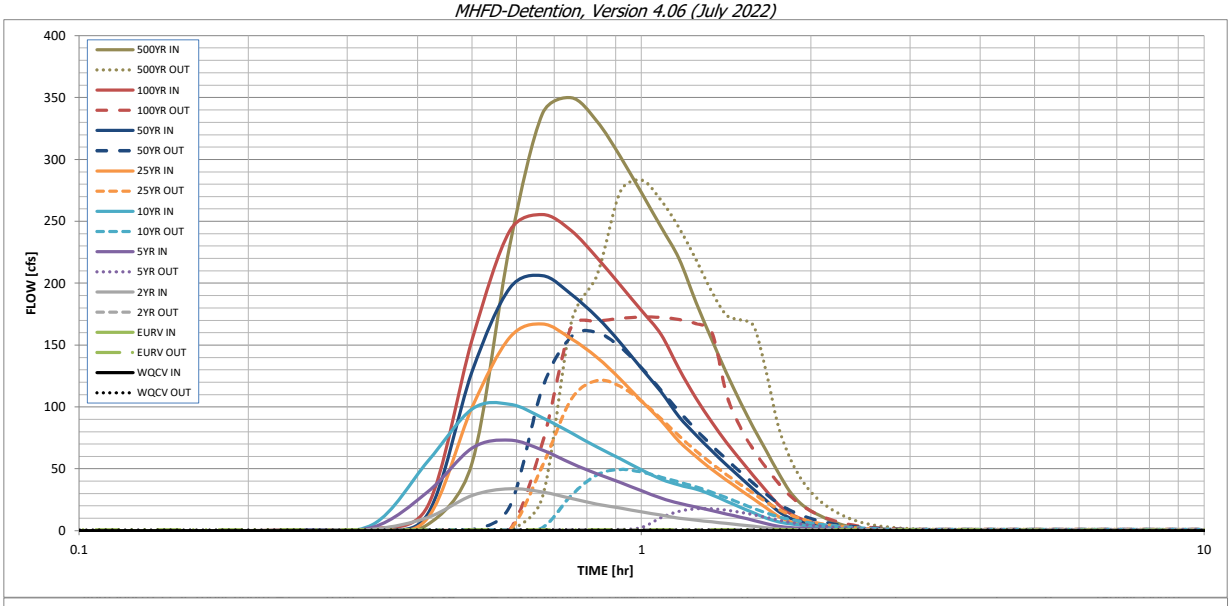
Routed Hydrograph Results

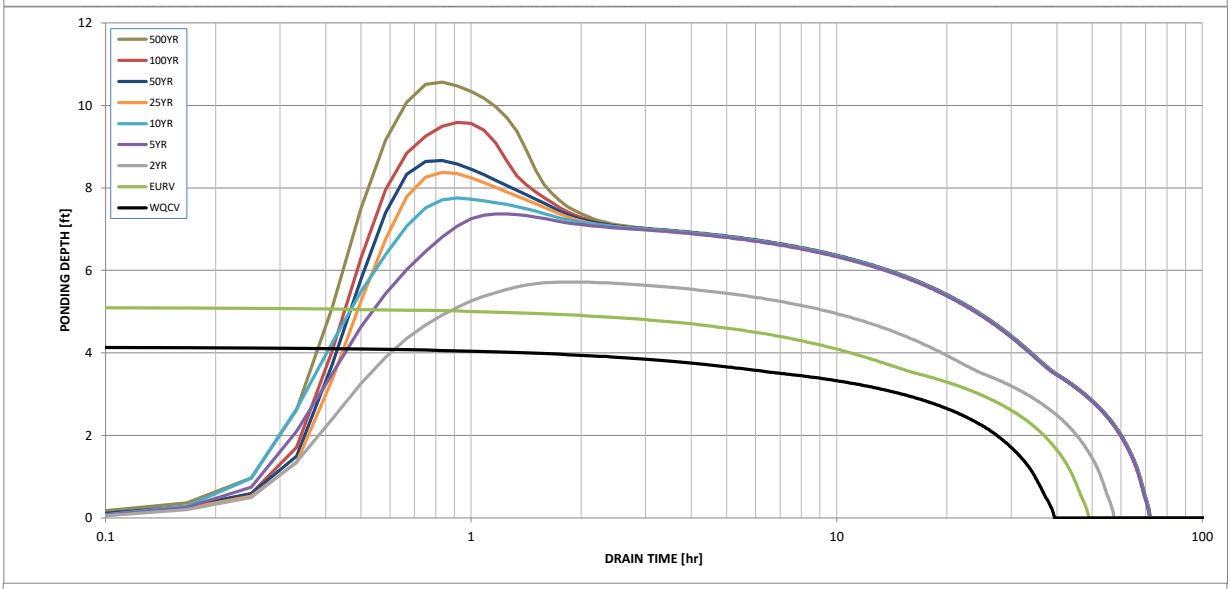
The user can override the default CUHP hydrographs and runoff volumes by entering new values in the Inflow Hydrographs table (Columns W through AF).

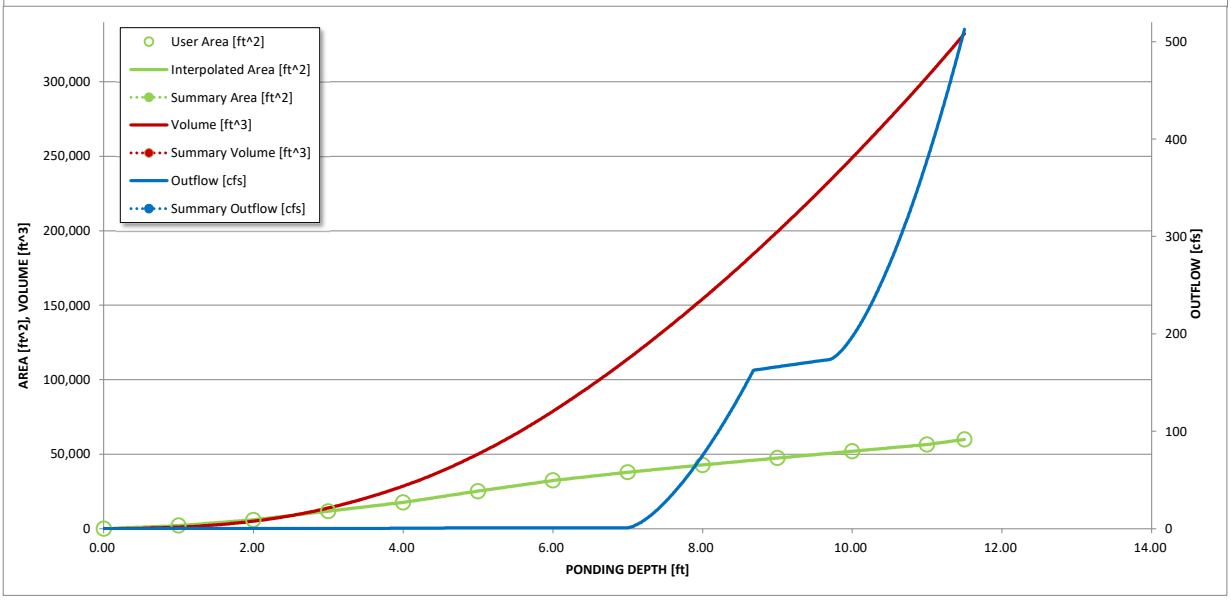
Design Storm Return Period =	WQCV	EURV	2 Year	5 Year	10 Year	25 Year	50 Year	100 Year	500 Year
One-Hour Rainfall Depth (in) =	N/A	N/A	1.19	1.50	1.75	2.00	2.25	2.52	3.14
CUHP Runoff Volume (acre-ft) =	0.719	1.212	1.712	3.777	5.836	9.505	12.010	15.612	22.181
Inflow Hydrograph Volume (acre-ft) =	N/A	N/A	1.712	3.777	5.836	9.505	12.010	15.612	22.181
CUHP Predevelopment Peak Q (cfs) =	N/A	N/A	21.6	60.5	90.2	156.2	196.0	245.6	340.6
OPTIONAL Override Predevelopment Peak Q (cfs) =	N/A	N/A							
Predevelopment Unit Peak Flow, q (cfs/acre) =	N/A	N/A	0.17	0.47	0.70	1.22	1.53	1.91	2.65
Peak Inflow Q (cfs) =	N/A	N/A	34.0	73.1	102.2	167.0	206.1	255.5	350.0
Peak Outflow Q (cfs) =	0.5	0.7	0.8	17.7	49.5	121.3	160.2	172.6	283.3
Ratio Peak Outflow to Predevelopment Q =	N/A	N/A	N/A	0.3	0.5	0.8	0.8	0.7	0.8
Structure Controlling Flow =	Plate	Plate	Plate	Overflow Weir 1	Overflow Weir 1	Overflow Weir 1	Overflow Weir 1	Outlet Plate 1	Spillway
Max Velocity through Grate 1 (fps) =	N/A	N/A	N/A	0.2	0.5	1.3	1.7	1.9	2.0
Max Velocity through Grate 2 (fps) =	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Time to Drain 97% of Inflow Volume (hours) =	35	43	50	60	56	49	45	40	34
Time to Drain 99% of Inflow Volume (hours) =	**37**	46	54	66	64	61	60	57	53
Maximum Ponding Depth (ft) =	4.15	5.11	5.72	7.37	7.75	8.38	8.66	9.59	10.56
Area at Maximum Ponding Depth (acres) =	0.43	0.60	0.70	0.91	0.95	1.02	1.05	1.15	1.25
Maximum Volume Stored (acre-ft) =	0.719	1.213	1.601	2.945	3.299	3.923	4.213	5.226	6.402

DETENTION BASIN OUTLET STRUCTURE DESIGN

MHFD-Detention, Version 4.06 (July 2022)







DETENTION BASIN OUTLET STRUCTURE DESIGN

Outflow Hydrograph Workbook Filename:

Inflow Hydrographs

The user can override the calculated inflow hydrographs from this workbook with inflow hydrographs developed in a separate program.

	SOURCE	CUHP	CUHP	CUHP	CUHP	CUHP	CUHP	CUHP	CUHP	CUHP
Time Interval	TIME	WQCV [cfs]	EURV [cfs]	2 Year [cfs]	5 Year [cfs]	10 Year [cfs]	25 Year [cfs]	50 Year [cfs]	100 Year [cfs]	500 Year [cfs]
5.00 min	0:00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0:05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0:10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.11
	0:15:00	0.00	0.00	0.31	0.51	0.63	0.43	0.54	0.52	0.78
	0:20:00	0.00	0.00	1.21	2.95	5.26	1.21	1.42	1.51	4.98
	0:25:00	0.00	0.00	10.68	31.36	55.82	10.14	13.30	19.55	54.54
	0:30:00	0.00	0.00	28.42	66.78	98.24	99.45	128.55	154.20	230.29
	0:35:00	0.00	0.00	33.98	73.15	102.23	156.12	195.91	242.38	336.87
	0:40:00	0.00	0.00	31.23	65.13	91.38	167.03	206.14	255.53	349.97
	0:45:00	0.00	0.00	26.10	54.48	79.00	155.12	190.98	242.47	330.99
	0:50:00	0.00	0.00	21.53	46.03	67.71	140.15	172.64	220.73	302.46
	0:55:00	0.00	0.00	18.23	39.06	58.09	122.53	151.98	198.55	273.07
	1:00:00	0.00	0.00	15.28	32.32	49.23	104.82	131.10	177.90	245.38
	1:05:00	0.00	0.00	12.59	26.33	41.63	88.96	112.21	158.58	219.77
	1:10:00	0.00	0.00	10.20	22.16	36.87	72.26	92.16	130.72	184.53
	1:15:00	0.00	0.00	8.53	19.20	33.63	59.86	77.41	107.13	154.57
	1:20:00	0.00	0.00	7.16	16.31	29.08	49.68	64.52	87.81	127.57
	1:25:00	0.00	0.00	5.93	13.56	23.88	40.98	53.21	71.37	103.66
	1:30:00	0.00	0.00	4.73	10.92	18.95	32.94	42.85	57.26	83.12
	1:35:00	0.00	0.00	3.56	8.38	14.35	25.48	33.28	44.28	64.35
	1:40:00	0.00	0.00	2.43	5.66	10.13	18.37	24.23	32.16	47.03
	1:45:00	0.00	0.00	1.53	3.55	7.20	11.75	15.84	21.26	32.02
	1:50:00	0.00	0.00	1.09	2.48	5.63	7.42	10.47	14.13	22.22
	1:55:00	0.00	0.00	0.87	1.95	4.59	4.93	7.35	9.78	16.10
	2:00:00	0.00	0.00	0.73	1.60	3.70	3.44	5.43	6.88	11.94
	2:05:00	0.00	0.00	0.57	1.24	2.88	2.31	3.82	4.59	8.37
	2:10:00	0.00	0.00	0.43	0.93	2.17	1.55	2.64	2.88	5.55
	2:15:00	0.00	0.00	0.32	0.69	1.59	1.03	1.80	1.68	3.50
	2:20:00	0.00	0.00	0.24	0.51	1.13	0.66	1.20	0.92	2.13
	2:25:00	0.00	0.00	0.18	0.37	0.78	0.45	0.83	0.60	1.42
	2:30:00	0.00	0.00	0.14	0.27	0.53	0.32	0.58	0.44	0.99
	2:35:00	0.00	0.00	0.11	0.19	0.37	0.22	0.41	0.33	0.73
	2:40:00	0.00	0.00	0.08	0.13	0.28	0.16	0.30	0.25	0.55
	2:45:00	0.00	0.00	0.06	0.09	0.20	0.12	0.23	0.19	0.42
	2:50:00	0.00	0.00	0.04	0.05	0.14	0.09	0.16	0.14	0.30
	2:55:00	0.00	0.00	0.03	0.03	0.09	0.06	0.11	0.09	0.21
	3:00:00	0.00	0.00	0.02	0.02	0.05	0.04	0.07	0.06	0.13
	3:05:00	0.00	0.00	0.01	0.01	0.02	0.02	0.04	0.03	0.07
	3:10:00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.01	0.03
	3:15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	3:20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	3:25:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	3:30:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	3:35:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	3:40:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	3:45:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	3:50:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	3:55:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	4:00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	4:05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	4:10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	4:15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	4:20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	4:25:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	4:30:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	4:35:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	4:40:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	4:45:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	4:50:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	4:55:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	5:00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	5:05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	5:10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	5:15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	5:20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	5:25:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	5:30:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	5:35:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	5:40:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	5:45:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	5:50:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	5:55:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	6:00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00