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 A

This letter serves as a Pond Certification for the constructed Full Spectrum Detention Facility "Pond A" located in Flying Horse North Filing No. 3. The permanent control measure is located south of Old Stagecoach Road, east of Allen Ranch Road, and north of Lot 51 within the Flying Horse North subdivision, 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 A" 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. Added to the list of PCD File Nos. is CDR259 as that plan set was a retrofit construction document for Pond A within Filing No. 3. 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 A [Construction Drawings Plan Sheets 22-27]:

- Forebay
  - Reestablish riprap on south side of forebay. Riprap on north side of forebay might be buried when plans call for exposed riprap. Install riprap in accordance with the approved plans or consult the Engineer of Record (see Note 1). ***This is now buried soil rip-rap and has been stabilized with permanent seeding. This has been approved by the Engineer of Record and was discussed with Stormwater Engineering in July of 2026.***
  - Remove sediment from forebay. ***Sediment now removed.***
- Outlet Structure
  - Upper orifice hole doesn't match the approved plans. Size of the hole is 2.0" diameter and plans show 2.5" diameter. Install per approved plans or consult the Engineer of Record (see Note 1). ***The project for the Flying Horse Clubhouse CDR259 is the most up to date set of design plans for a retrofit of Pond A in Filing 3, as it is the detention facility for a portion of the Clubhouse projects tributary area. The MHFD Detention As-Built documents are provided.***
  - Distance between orifice holes doesn't match the plans. The installed distance from the bottom

to top orifice hole is 2' not the 2.6' shown on the plans. Install per approved plans or consult the Engineer of Record (see Note 1). ***The project for the Flying Horse Clubhouse CDR259 is the most up to date set of design plans for a retrofit of Pond A in Filing 3, as it is the detention facility for a portion of the Clubhouse projects tributary area. The MHFD Detention As-Built documents are provided.***

- No gasket is installed between orifice plate and outlet structure. ***Watertight gasket has been installed.***
- Micropool is missing the "ladder steps". Install per approved plans or consult the Engineer of Record (see Note 1). ***Ladder steps now installed.***
- Micropool is 100% full of sediment, please remove. ***Sediment now removed.***
- 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.***

- Downstream End of Outlet Pipe
  - Riprap at the pond outfall is not shown on approved plans (see Note 1). ***Exposed rip-rap is now redlined and verified by the Engineer of Record.***
  - Undermining observed at downstream end of outlet pipe. Repair such that this doesn't get worse or continue to happen. ***This has been field repaired with a more defined V shape exposed rip-rap swale. The as-built redlines now show the revised pathway that is more suitable to conveying the stormwater to the existing culvert pipe within the Golf Course.***
- Spillway
  - 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. ***Soil rip-rap was installed and has been verified by the Engineer of Record. Redlined as-builts provided.***
  - Spillway was measured at 16' and the approved plans call for 23' across 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.***
- Pond bottom slopes on north side do not match grading plans. Provide calculations showing pond still has capacity or address in field. Install per approved plans or consult the Engineer of Record (see Note 1). ***Engineer of Record approves the as-built condition of the pond. The project for the Flying Horse Clubhouse CDR259 is the most up to date set of design plans for a retrofit of Pond A in Filing 3, as it is the detention facility for a portion of the Clubhouse projects tributary area. The MHFD Detention As-Built documents are provided.***
- Spray for weeds throughout pond bottom and embankments. ***Weed removal has been completed.***
- Maintenance access road installed with crushed concrete, which per direction from CDPHE is not an acceptable means of Final Stabilization, nor was that material on the approved plans. Please remove and install access road material per plans. ***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.



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

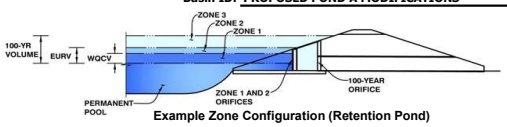
DETENTION BASIN STAGE-STORAGE TABLE BUILDER

MHFD-Detention, Version 4.06 (July 2022)

Project: THE CLUBHOUSE AT FLYING HORSE NORTH (AS-BUILT CONDITION POND CERTIFICATION)

Basin ID: PROPOSED POND A MODIFICATIONS

AS-BUILT CONDITIONS SURVEY SEPTEMBER 22, 2026



Example Zone Configuration (Retention Pond)

Watershed Information

Selected BMP Type =	EDB	
Watershed Area =	28.65	acres
Watershed Length =	3,155	ft
Watershed Length to Centroid =	500	ft
Watershed Slope =	0.020	ft/ft
Watershed Imperviousness =	35.95%	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 =	Denver - Capitol Building	

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) =	0.403	acre-feet		acre-feet
Excess Urban Runoff Volume (EURV) =	1.072	acre-feet		acre-feet
2-yr Runoff Volume (P1 = 1.19 in.) =	1.063	acre-feet	1.19	inches
5-yr Runoff Volume (P1 = 1.5 in.) =	1.639	acre-feet	1.50	inches
10-yr Runoff Volume (P1 = 1.75 in.) =	2.162	acre-feet	1.75	inches
25-yr Runoff Volume (P1 = 2 in.) =	2.922	acre-feet	2.00	inches
50-yr Runoff Volume (P1 = 2.25 in.) =	3.515	acre-feet	2.25	inches
100-yr Runoff Volume (P1 = 2.52 in.) =	4.288	acre-feet	2.52	inches
500-yr Runoff Volume (P1 = 3.14 in.) =	5.809	acre-feet		inches
Approximate 2-yr Detention Volume =	0.782	acre-feet		
Approximate 5-yr Detention Volume =	1.102	acre-feet		
Approximate 10-yr Detention Volume =	1.547	acre-feet		
Approximate 25-yr Detention Volume =	1.752	acre-feet		
Approximate 50-yr Detention Volume =	1.841	acre-feet		
Approximate 100-yr Detention Volume =	2.135	acre-feet		

Define Zones and Basin Geometry

Zone 1 Volume (WQCV) =	0.403	acre-feet
Zone 2 Volume (EURV - Zone 1) =	0.669	acre-feet
Zone 3 Volume (100-year - Zones 1 & 2) =	1.063	acre-feet
Total Detention Basin Volume =	2.135	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

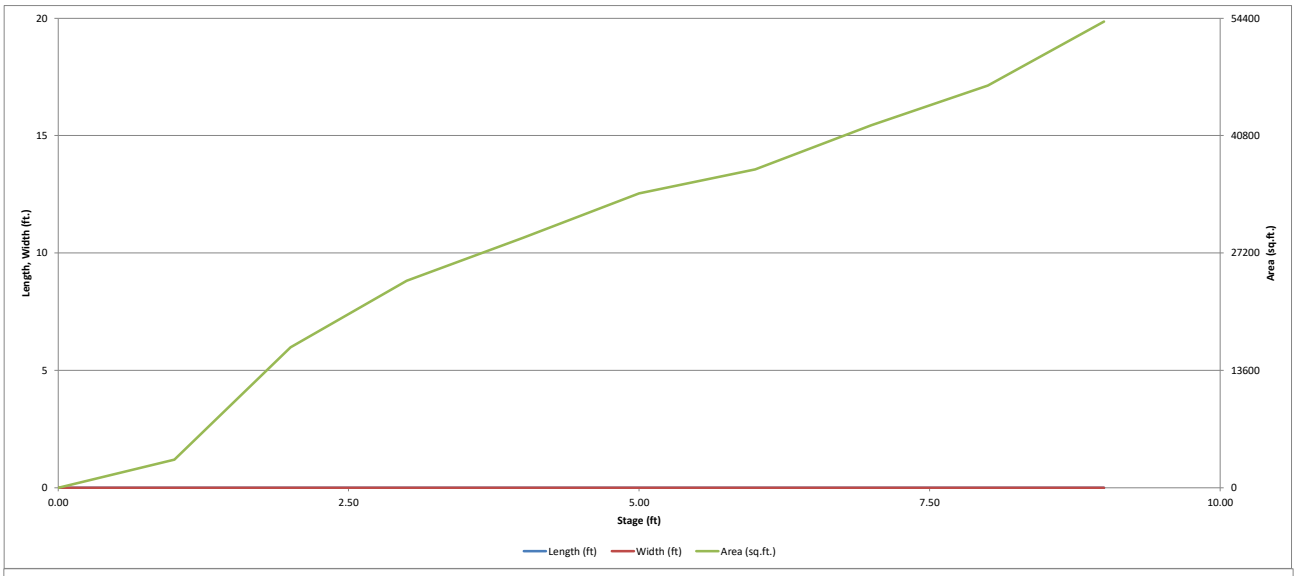
Depth Increment = ft

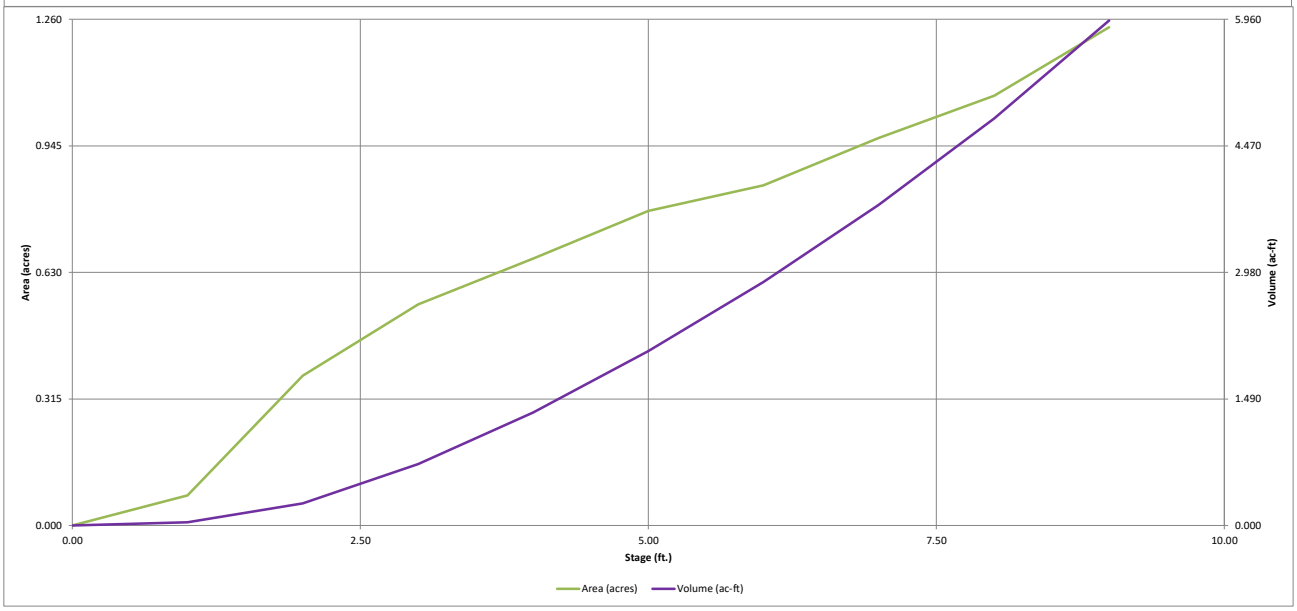
Stage - Storage Description	Stage (ft)	Optional Override Stage (ft)	Length (ft)	Width (ft)	Area (ft^2)	Optional Override Area (ft^2)	Area (acre)	Volume (ft^3)	Volume (ac-ft)
Top of Micropool	--	0.00	--	--	--	10	0.000		
7560	--	1.00	--	--	--	3,250	0.075	1,630	0.037
	--	2.00	--	--	--	16,266	0.373	11,388	0.261
	--	3.00	--	--	--	23,990	0.551	31,516	0.724
	--	4.00	--	--	--	28,950	0.665	57,986	1.331
	--	5.00	--	--	--	34,120	0.783	89,521	2.055
7565	--	6.00	--	--	--	36,886	0.847	125,024	2.870
	--	7.00	--	--	--	42,010	0.964	164,472	3.776
	--	8.00	--	--	--	46,600	1.070	208,777	4.793
7568	--	9.00	--	--	--	54,020	1.240	259,087	5.948

7559

DETENTION BASIN STAGE-STORAGE TABLE BUILDER

MHFD-Detention, Version 4.06 (July 2022)



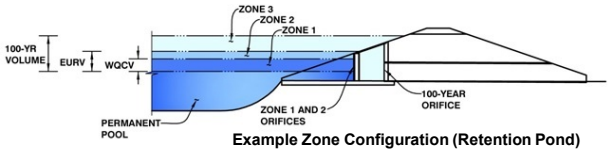


DETENTION BASIN OUTLET STRUCTURE DESIGN

MHFD-Detention, Version 4.06 (July 2022)

Project: THE CLUBHOUSE AT FLYING HORSE NORTH (AS-BUILT CONDITION POND CERTIFICATION)

Basin ID: PROPOSED POND A MODIFICATIONS



Example Zone Configuration (Retention Pond)

	Estimated Stage (ft)	Estimated Volume (ac-ft)	Outlet Type
Zone 1 (WQCV)	2.36	0.403	Orifice Plate
Zone 2 (EURV)	3.60	0.669	Orifice Plate
Zone 3 (100-year)	5.11	1.063	Weir&Pipe (Restrict)
Total (all zones)		2.135	

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 =	3.58	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

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	1.80	2.60					
Orifice Area (sq. inches)	2.30	4.70	2.30					

	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	ft (relative to basin bottom at Stage = 0 ft)	Vertical Orifice Area =		N/A	ft²
Depth at top of Zone using Vertical Orifice =		N/A	ft (relative to basin bottom at Stage = 0 ft)	Vertical Orifice Centroid =		N/A	feet
Vertical Orifice Diameter =		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	
Overflow Weir Front Edge Height, Ho =	4.50	N/A	ft (relative to basin bottom at Stage = 0 ft)	Height of Grate Upper Edge, H_t =	4.50	N/A	feet
Overflow Weir Front Edge Length =	6.00	N/A	feet	Overflow Weir Slope Length =	3.00	N/A	feet
Overflow Weir Grate Slope =	0.00	N/A	H:V	Grate Open Area / 100-yr Orifice Area =	6.07	N/A	
Horiz. Length of Weir Sides =	3.00	N/A	feet	Overflow Grate Open Area w/o Debris =	12.53	N/A	ft²
Overflow Grate Type =	Type C Grate	N/A		Overflow Grate Open Area w/ Debris =	6.26	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	
Depth to Invert of Outlet Pipe =	0.50	N/A	ft (distance below basin bottom at Stage = 0 ft)	Outlet Orifice Area =	2.07	N/A	ft²
Outlet Pipe Diameter =	24.00	N/A	inches	Outlet Orifice Centroid =	0.71	N/A	feet
Restrictor Plate Height Above Pipe Invert =	15.00		inches	Half-Central Angle of Restrictor Plate on Pipe =	1.82	N/A	radians

User Input: Emergency Spillway (Rectangular or Trapezoidal)

			Calculated Parameters for Spillway		
Spillway Invert Stage=	6.00	ft (relative to basin bottom at Stage = 0 ft)	Spillway Design Flow Depth=	0.97	feet
Spillway Crest Length =	16.00	feet	Stage at Top of Freeboard =	7.97	feet
Spillway End Slopes =	4.00	H:V	Basin Area at Top of Freeboard =	1.07	acres
Freeboard above Max Water Surface =	1.00	feet	Basin Volume at Top of Freeboard =	4.76	acre-ft

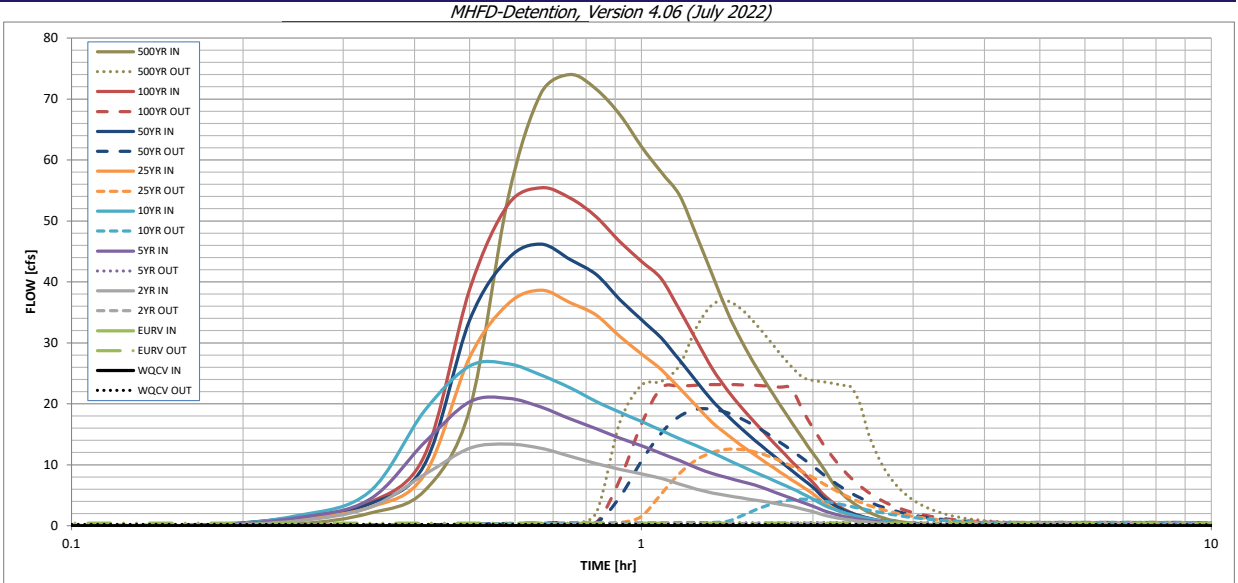
Routed Hydrograph Results

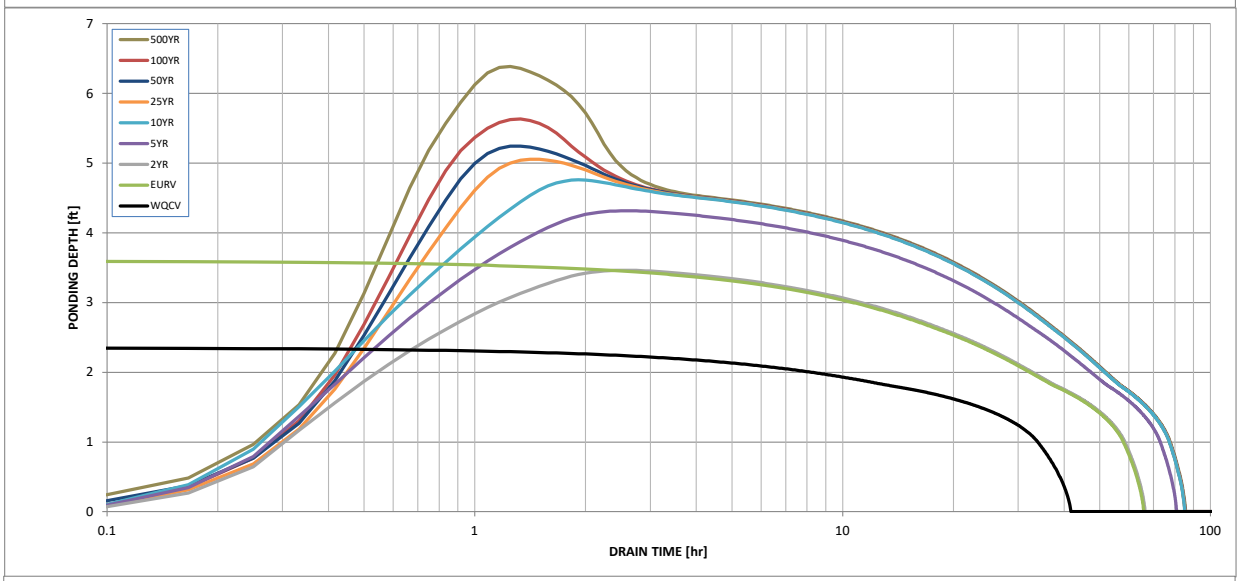
The user can override the default CUHP hydrographs and runoff volumes by entering new values in the Inflow Hydrographs table (Columns W through AF).

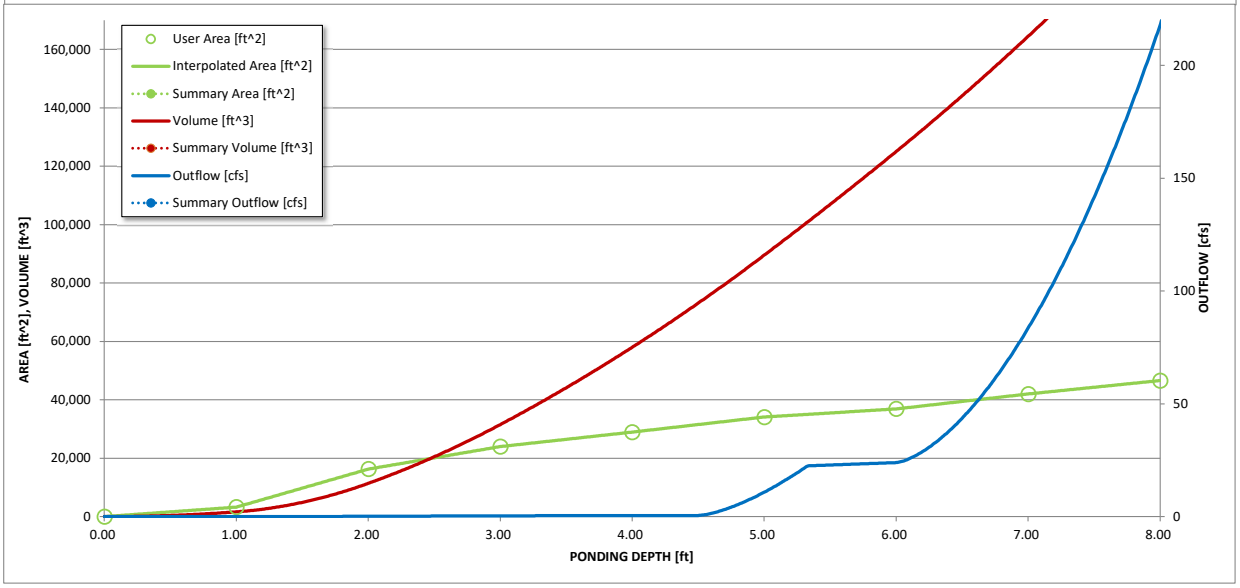
Design Storm Return Period =	WQCV	EURV	2 Year	5 Year	10 Year	25 Year	50 Year	100 Year	500 Year
One-Hour Rainfall Depth (in) =	N/A	N/A	1.19	1.50	1.75	2.00	2.25	2.52	3.14
CUHP Runoff Volume (acre-ft) =	0.403	1.072	1.063	1.639	2.162	2.922	3.515	4.288	5.809
Inflow Hydrograph Volume (acre-ft) =	N/A	N/A	1.063	1.639	2.162	2.922	3.515	4.288	5.809
CUHP Predevelopment Peak Q (cfs) =	N/A	N/A	2.8	7.8	11.9	21.4	26.8	34.2	47.8
OPTIONAL Override Predevelopment Peak Q (cfs) =	N/A	N/A							
Predevelopment Unit Peak Flow, q (cfs/acre) =	N/A	N/A	0.10	0.27	0.41	0.75	0.94	1.19	1.67
Peak Inflow Q (cfs) =	N/A	N/A	13.4	20.9	26.6	38.6	46.2	55.5	74.0
Peak Outflow Q (cfs) =	0.2	0.4	0.4	0.5	4.3	12.5	19.1	23.2	36.9
Ratio Peak Outflow to Predevelopment Q =	N/A	N/A	N/A	0.1	0.4	0.6	0.7	0.7	0.8
Structure Controlling Flow =	Plate	Plate	Plate	Plate	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	N/A	0.3	0.9	1.5	1.8	1.9
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) =	39	59	60	71	73	70	68	65	60
Time to Drain 99% of Inflow Volume (hours) =	**40**	63	63	77	80	79	78	77	75
Maximum Ponding Depth (ft) =	2.36	3.60	3.46	4.31	4.76	5.05	5.24	5.63	6.38
Area at Maximum Ponding Depth (acres) =	0.44	0.62	0.60	0.70	0.75	0.79	0.80	0.82	0.89
Maximum Volume Stored (acre-ft) =	0.407	1.074	0.989	1.543	1.863	2.094	2.245	2.553	3.200

DETENTION BASIN OUTLET STRUCTURE DESIGN

MHFD-Detention, Version 4.06 (July 2022)







S-A-V-D Chart Axis Override	X-axis	Left Y-Axis	Right Y-Axis
minimum bound			
maximum bound			

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	0.09	0.01	0.30
	0:15:00	0.00	0.00	0.81	1.33	1.66	1.12	1.41	1.37	2.02
	0:20:00	0.00	0.00	3.00	4.28	5.56	3.02	3.55	3.78	5.71
	0:25:00	0.00	0.00	8.38	13.67	18.85	8.34	10.04	11.50	19.06
	0:30:00	0.00	0.00	12.70	20.32	26.17	27.60	33.69	38.75	53.72
	0:35:00	0.00	0.00	13.36	20.91	26.59	36.36	43.78	52.64	70.91
	0:40:00	0.00	0.00	12.70	19.46	24.71	38.64	46.18	55.46	74.02
	0:45:00	0.00	0.00	11.39	17.54	22.62	36.60	43.67	53.76	71.62
	0:50:00	0.00	0.00	10.21	15.90	20.37	34.54	41.19	50.66	67.44
	0:55:00	0.00	0.00	9.26	14.40	18.61	31.07	37.14	46.62	62.23
	1:00:00	0.00	0.00	8.50	13.11	17.10	28.19	33.80	43.38	57.98
	1:05:00	0.00	0.00	7.76	11.87	15.65	25.61	30.79	40.54	54.20
	1:10:00	0.00	0.00	6.85	10.69	14.26	22.57	27.19	35.44	47.59
	1:15:00	0.00	0.00	6.00	9.50	13.11	19.63	23.70	30.39	41.12
	1:20:00	0.00	0.00	5.37	8.56	11.98	16.92	20.46	25.74	35.01
	1:25:00	0.00	0.00	4.93	7.86	10.82	14.94	18.05	22.23	30.27
	1:30:00	0.00	0.00	4.55	7.23	9.74	13.14	15.89	19.36	26.34
	1:35:00	0.00	0.00	4.21	6.65	8.76	11.58	13.99	16.89	22.96
	1:40:00	0.00	0.00	3.87	5.92	7.85	10.15	12.25	14.66	19.89
	1:45:00	0.00	0.00	3.53	5.20	6.98	8.84	10.66	12.58	17.04
	1:50:00	0.00	0.00	3.20	4.50	6.14	7.58	9.13	10.62	14.36
	1:55:00	0.00	0.00	2.74	3.84	5.27	6.38	7.68	8.80	11.87
	2:00:00	0.00	0.00	2.30	3.21	4.37	5.25	6.32	7.11	9.56
	2:05:00	0.00	0.00	1.79	2.50	3.44	3.90	4.69	5.20	7.03
	2:10:00	0.00	0.00	1.41	1.98	2.76	2.89	3.51	3.83	5.27
	2:15:00	0.00	0.00	1.13	1.60	2.24	2.19	2.68	2.88	4.00
	2:20:00	0.00	0.00	0.93	1.30	1.83	1.70	2.08	2.16	3.03
	2:25:00	0.00	0.00	0.76	1.05	1.48	1.31	1.61	1.62	2.28
	2:30:00	0.00	0.00	0.61	0.85	1.19	1.02	1.25	1.21	1.70
	2:35:00	0.00	0.00	0.49	0.68	0.94	0.79	0.97	0.88	1.25
	2:40:00	0.00	0.00	0.39	0.54	0.73	0.61	0.74	0.65	0.92
	2:45:00	0.00	0.00	0.32	0.42	0.56	0.47	0.57	0.50	0.70
	2:50:00	0.00	0.00	0.25	0.33	0.43	0.36	0.44	0.39	0.55
	2:55:00	0.00	0.00	0.20	0.25	0.34	0.28	0.35	0.31	0.44
	3:00:00	0.00	0.00	0.16	0.19	0.26	0.22	0.27	0.24	0.34
	3:05:00	0.00	0.00	0.12	0.14	0.20	0.17	0.20	0.18	0.26
	3:10:00	0.00	0.00	0.08	0.10	0.14	0.12	0.15	0.13	0.18
	3:15:00	0.00	0.00	0.06	0.07	0.09	0.08	0.10	0.09	0.12
	3:20:00	0.00	0.00	0.03	0.04	0.06	0.05	0.06	0.06	0.07
	3:25:00	0.00	0.00	0.02	0.02	0.03	0.03	0.03	0.03	0.04
	3:30:00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	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