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October 3, 2025

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. 4, Pond C

This letter serves as a Pond Certification for the constructed Full Spectrum Detention Facility "Pond C" located in Flying Horse North Filing No. 4. The permanent control measure is located north of Old Stagecoach Road, east of Lots 45 through 48, and west Rubble Drive within the Flying Horse North subdivision, Filing No. 4, 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 February 20, 2025 and is referred to as "Pond C" within Tract C of the development. A Colorado Licensed Professional Surveyor conducted an as-built survey of the facility in September of 2025 to verify the basin and infrastructure dimensions, elevations, materials, inverts, and slopes as required for determination of inflow and outflow hydraulics.

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. 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.

Sincerely,

HR GREEN, INC.

A handwritten signature in black ink that reads "Richard D. Lyon".

Richard D. Lyon, PE
Project Manager, Civil Engineer
HR Green Development, LLC.



MHFD-Detention, Version 4.06 (July 2022)

Basin ID: POND C

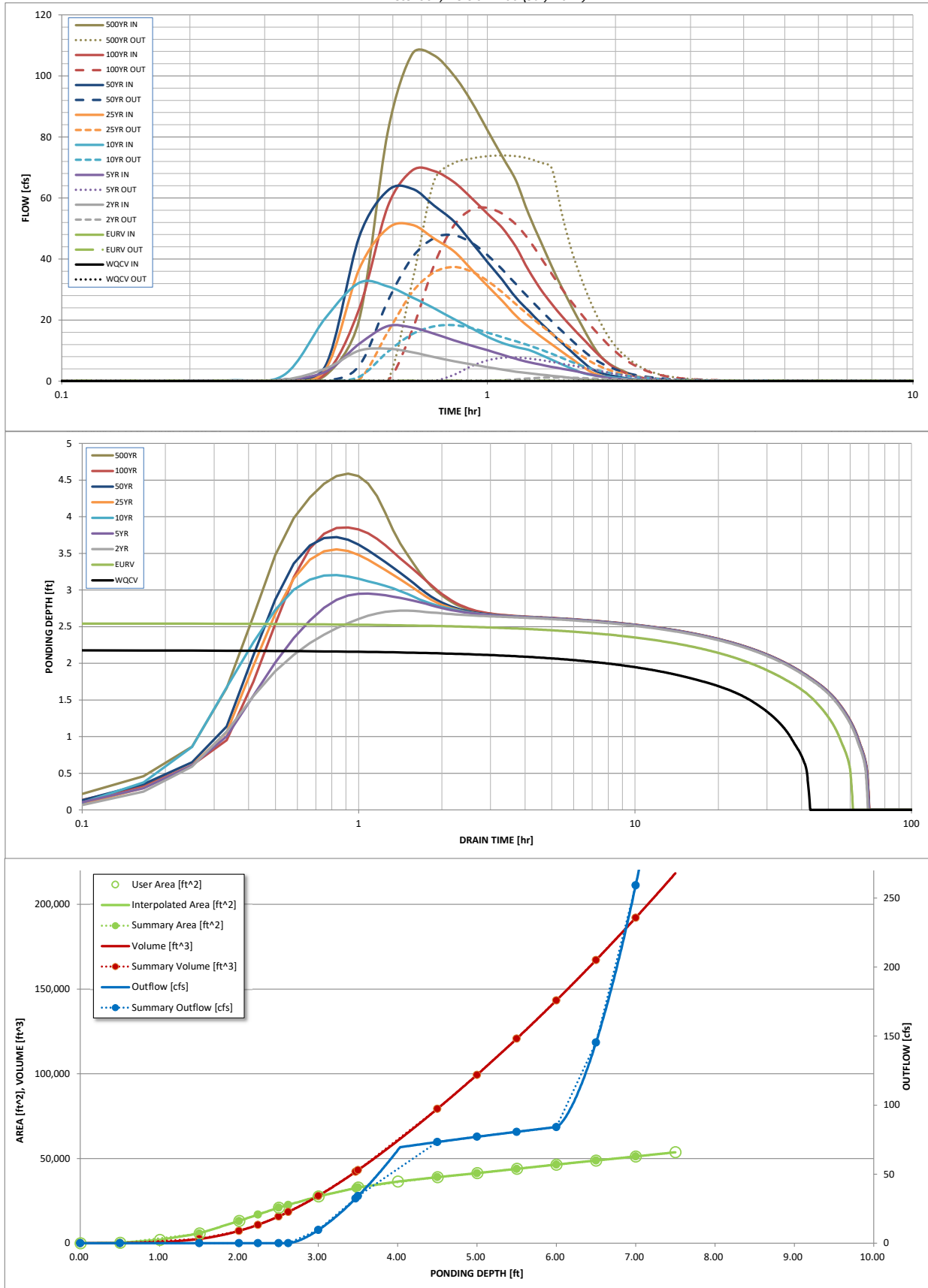


Total detention volume is less than 100-year volume.

[illegible]

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	USER	CUHP	CUHP	CUHP	USER	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	0.01	0.00	0.00	0.01	0.02	0.05
	0:15:00	0.00	0.00	0.13	0.16	0.26	0.17	0.21	0.17	0.30
	0:20:00	0.00	0.00	0.46	0.44	2.03	0.45	0.52	0.42	1.91
	0:25:00	0.00	0.00	4.10	3.10	20.74	3.87	5.06	2.40	20.17
	0:30:00	0.00	0.00	9.96	12.19	32.18	36.67	47.27	23.71	81.63
	0:35:00	0.00	0.00	10.60	18.04	31.02	50.08	62.48	57.21	107.23
	0:40:00	0.00	0.00	9.44	17.52	27.38	51.18	63.00	69.03	106.70
	0:45:00	0.00	0.00	7.85	15.52	23.86	46.69	57.48	68.80	100.27
	0:50:00	0.00	0.00	6.54	13.42	20.36	42.59	52.46	65.25	91.74
	0:55:00	0.00	0.00	5.52	11.68	17.36	36.72	45.58	60.06	82.30
	1:00:00	0.00	0.00	4.58	10.12	14.59	31.23	39.08	54.88	73.61
	1:05:00	0.00	0.00	3.78	8.65	12.50	26.32	33.22	50.27	65.75
	1:10:00	0.00	0.00	3.09	7.28	11.19	21.43	27.38	44.01	54.71
	1:15:00	0.00	0.00	2.59	6.21	10.19	17.79	23.04	36.31	45.89
	1:20:00	0.00	0.00	2.16	5.39	8.66	14.73	19.11	30.18	37.59
	1:25:00	0.00	0.00	1.76	4.68	7.00	12.06	15.64	25.27	30.34
	1:30:00	0.00	0.00	1.38	4.04	5.46	9.55	12.42	21.11	24.01
	1:35:00	0.00	0.00	1.00	3.44	4.03	7.20	9.42	17.52	18.18
	1:40:00	0.00	0.00	0.65	2.82	2.77	4.98	6.59	14.24	12.87
	1:45:00	0.00	0.00	0.41	2.17	2.05	3.04	4.16	11.20	8.63
	1:50:00	0.00	0.00	0.32	1.56	1.68	1.99	2.85	8.38	6.12
	1:55:00	0.00	0.00	0.27	1.10	1.38	1.36	2.05	6.00	4.50
	2:00:00	0.00	0.00	0.23	0.81	1.11	0.97	1.55	4.20	3.35
	2:05:00	0.00	0.00	0.18	0.63	0.86	0.65	1.08	2.99	2.30
	2:10:00	0.00	0.00	0.13	0.49	0.64	0.44	0.75	2.10	1.50
	2:15:00	0.00	0.00	0.10	0.38	0.46	0.29	0.51	1.45	0.93
	2:20:00	0.00	0.00	0.07	0.29	0.33	0.19	0.34	0.96	0.58
	2:25:00	0.00	0.00	0.06	0.22	0.22	0.14	0.24	0.61	0.41
	2:30:00	0.00	0.00	0.04	0.16	0.15	0.10	0.17	0.37	0.29
	2:35:00	0.00	0.00	0.03	0.12	0.11	0.07	0.12	0.25	0.22
	2:40:00	0.00	0.00	0.02	0.09	0.08	0.05	0.09	0.18	0.16
	2:45:00	0.00	0.00	0.02	0.07	0.06	0.04	0.07	0.13	0.12
	2:50:00	0.00	0.00	0.01	0.05	0.04	0.03	0.05	0.10	0.09
	2:55:00	0.00	0.00	0.01	0.04	0.02	0.02	0.03	0.07	0.06
	3:00:00	0.00	0.00	0.00	0.02	0.01	0.01	0.02	0.05	0.03
	3:05:00	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.04	0.02
	3:10:00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.01
	3:15:00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.00
	3:20:00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00
	3:25:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	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

MHFD-Detention, Version 4.06 (July 2022)

Summary Stage-Area-Volume-Discharge Relationships

The user should graphically compare the summary S-A-V-D table to the full S-A-V-D table in the chart to confirm it captures all key transition points.

For best results, include the stages of all grade slope changes (e.g. ISV and Floor) from the S-A-V table on Sheet 'Basin'.

Also include the inverts of all outlets (e.g. vertical orifice, overflow grate, and spillway, where applicable).