

Tech Contractors
ENGINEERING GROUP

Brad Walters
Inspection Supervisor
El Paso County Development Services
2880 International Circle, Suite 110
Colorado Springs CO, 80910

RE: Substantial Compliance
Detention Pond H
WindingWalk Filing 1 at Meridian Ranch
Grading Plans Approved March 6, 2018

November 9, 2022


Dear Mr. Walters,

Tech Contractors has visually inspected and completed an as-built topographic survey of the detention pond located at WindingWalk Filing 1 at Meridian Ranch and based upon our observations and the data collected, the detention pond has been substantially completed per all approved plans and specifications. The analysis of the as-built pond data indicates the design storage volume after construction is estimated to be 7.7 ac-ft with a storage elevation of 6974.4 leaving 1.1 feet of freeboard to the spillway. Please see the below chart for more detailed information.

POND H						
	PEAK INFLOW	PEAK OUTFLOW	TOTAL INFLOW	TOTAL OUTFLOW	PEAK STORAGE	PEAK ELEVATION
	CFS	CFS	AC-FT	AC-FT	AC-FT	FT
FINAL DESIGN						
10-YEAR STORM	54	7.8	6.7	4.7	3.7	6972.1
100-YEAR STORM	153	57	18.1	15.2	7.7	6973.4
AS-BUILT CONDITIONS						
10-YEAR STORM	53	7.8	6.6	4.4	3.3	6971.9
100-YEAR STORM	151	58	17.9	15.1	7.3	6973.3

Should you have any questions or concerns please feel free to contact me at 719-495-7444 or by email at tom@meridianranch.com

Sincerely


Thomas A. Kerby, PE
Tech Contractors
11886 Stapleton Drive
Falcon, Colorado 80831



cc

Raul Guzman (GTL Development)
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