

**The Homestead
2024 Resort Master Plan
Additional Water Right Calculations**

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Project Information

Tables 1-3 provide the water right requirements and additional water uses for new The Homestead Resort Master Plan.

Resolution 2008-09 A Master Plan Development Agreement for The Homestead Resort states in Section 3.1(b)(4) - Water **"On May 5, 2008 the Midway Advisory Board determined that the Developer owns or leases enough water to provide an additional 107 acre-feet of water which is necessary to serve the improvements (including the golf course) identified on the project."**

Existing uses at The Homestead that will be replaced with similar facilities are not considered in the analysis. New or expanded uses must dedicate additional water rights. These new or expanded uses are calculated below. Credits for existing uses that will be removed are also shown. Existing uses that will be replaced within the resort include the golf clubhouse, restaurants, conference rooms, house keeping and existing restrooms.

The water right calculations below are based on the amended master plan dated February 27, 2024.

There were 12.90 acres of irrigated area within the existing Homestead resort core prior to the 2020 improvements.

The new master plan will irrigated an additional 2.40 acres.

The existing site has 0.72 acres of ponds.

The new master plan contains a new 0.11 acre pond near the wedding barn

These numbers should be verified once the final landscape plans are completed.

Table 1 - Water Use Requirements

Use	Water Requirement		Source of Requirement	Return Flow Requirement	Total Required	
	Quantity	Unit			Quantity	Unit
Irrigated / landscaped area	3.00	acre-feet/acre	Midway Water Board	0.00	3.00	acre-feet/acre
Hotel resort unit	150	gpd/unit	Table 1, Utah Code R309-51	1.77	0.30	acre-feet/unit
Restaurant	35	gpd/seat	Table 2, Utah Code R309-51	1.77	0.07	acre-feet/seat
Swimming pools	10	gpd/person	Table 2, Utah Code R309-51	1.77	0.02	acre-feet/person
Retail and commercial	500	gpd/toilet	Table 2, Utah Code R309-51	1.77	0.99	acre-feet/toilet
Visitors (conference) center	5	gpd/person	Table 2, Utah Code R309-51	1.77	0.01	acre-feet/person
Spa and activity center	25	gpd/person	Table 2, Utah Code R309-51	1.77	0.05	acre-feet/person

Table 2 - Change in Water Uses at The Homestead

Use	Quantity	Unit	Comments
Existing units to be removed	-12	units	Only 12 existing units to be removed, 125 of the existing 137 units will remain.
Irrigated area added to resort	2.40	acres	less than previous plan (4.61 acres) due to additional parking and buildings
Pond area added to resort	0.11	acres	Previous master plan had 0.07 acres
Residential homes	7	homes	Previous master plan had 5 homes
New guest condo units	68	units	3 - 6 unit building, 5 - 10 unit building (Previously 49 units).
Additional restaurants seating	130	seats	See note 4.
Additional restaurant (Milk House)	35	seats	Based on occupancy calculations on building permit plans.
Additional swimming pool capacity	206	person	See note 1.
Retail and commercial	2	toilet	Additional mens and womens toilet stalls in commercial and amenity areas
Wedding Barn	300	person	Conference Center removed. (Previously 864 persons)
Spa	50	person	
Activity Center	40	person	

Table 3 - Additional Water Needs for The Homestead Resort

Use	Project Quantity	Unit	Water Requirement with Return Flow	Unit	Total (acre-feet)
Credit for removed hotel units	12	units	-0.30	acre-feet/unit	-3.60
Irrigated area added to resort	2.40	acres	3.00	acre-feet/acre	7.20
Pond area added to resort	0.11	acres	3.00	acre-feet/acre	0.33
Residential homes	7	homes	0.80	acre-feet/home	5.60
New guest condo units	68	units	0.80	acre-feet/unit	54.40
New restaurant spaces	130	seats	0.07	acre-feet/person	9.10
Additional restaurant (Milk House)	35	seats	0.07	acre-feet/person	2.45
Swimming Pools	206	person	0.02	acre-feet/person	4.12
Retail and commercial	2	toilet	0.99	acre-feet/toilet	1.98
Wedding Barn	300	person	0.01	acre-feet/person	3.00
Spa	50	person	0.05	acre-feet/person	2.50
Activity Center	40	person	0.05	acre-feet/person	2.00

89.08 acre-feet

Notes:

- The existing swimming pools, hot tub and fitness center has an existing capacity of 194 people. The new swimming pools have a proposed capacity of 400 people for a net difference of 206.
- 1 acre-foot per year = 892 gallons per day
- The Midway Water Board policy was recently changed from 1.0 acre-feet per home to 0.80 acre-feet per home. This change represents a 1.77x return flow. The previous policy was 2x.
- The existing restaurants have a 172 seating capacity (Simons 96 and Fanny's 76). The new restaurants, bars and lounges have a capacity of 302 for an increase in restaurant capacity of 130 seats.
- Per the building permit application the Milk House food and beverage outlet has a occupancy of 35 people.