

APPENDIX C

DOMESTIC WATER ALLOCATION MATRIX

Each homestead is allowed up to 5.5 acre feet of annual water (1,792,180 gallons) usage via the domestic water system. The following matrix identifies several potential variations that are allowed.

	IRRIGATION	PONDS	POOLS (4)	IN HOUSE (7)
OPTION ONE	977,553 (2)	0.00	22,441 (5)	325,851
OPTION TWO	977,553	488,776 (3)	0.00	325,851
OPTION THREE	488,776	733,164 (6)	0.00	325,851
OPTION FOUR	977,553	466,335	22,441	325,851
OPTION FIVE	488,776	710,723	22,441	325,851

NOTES:

1. All quantities are given in gallons (325,851 gallons is equal to one acre-foot).
2. Maximum allowable irrigated land from domestic system is 2.0 acres; 1.50 acre-feet (\pm 488,776 gallons) per acre to irrigate annually using spray system; irrigation season is 26 weeks.
3. Maximum surface area of ponds is 1/2 acre. Maximum capacity allowed is 1.5 acre-feet (488,776 gallons) unless irrigated land is reduced.
4. Surface area and capacity of pools reduces ponds by an equal amount.
5. Approximately 20 ft. x 30 ft. pool; average 5 foot depth; 22,441 gallons (.06 acre-feet).
6. Increases in pond capacity equal .75 acre-feet (244,388 gallons) per 1/2 acre of surface area of irrigation reduction.
7. As a reference point, 6 people at 100 gallons per day per person equals 213,600 gallons annually.

Wildcat Ranch Water Meter Specifications

Specs for main residence:

Kent C-3000 Compound Meter located in mechanical space with remote readout located on exterior of structure

Specs for barns, guest houses and accessory structures:

Kent C-700 Meter located in mechanical space with remote readout located on exterior of structure.

Additionally, any yard hydrants, irrigation systems, ponds or other water uses must be tapped downstream of water meters in mechanical spaces. Fire sprinkler systems do not need to be metered. No meter pits unless absolutely necessary to retrofit existing installations.