

LRE Water 909 Colorado Avenue Glenwood Springs, CO 81601 (970)-945-6777 Voice (970)-945-1137 Facsimile

# **Memorandum**

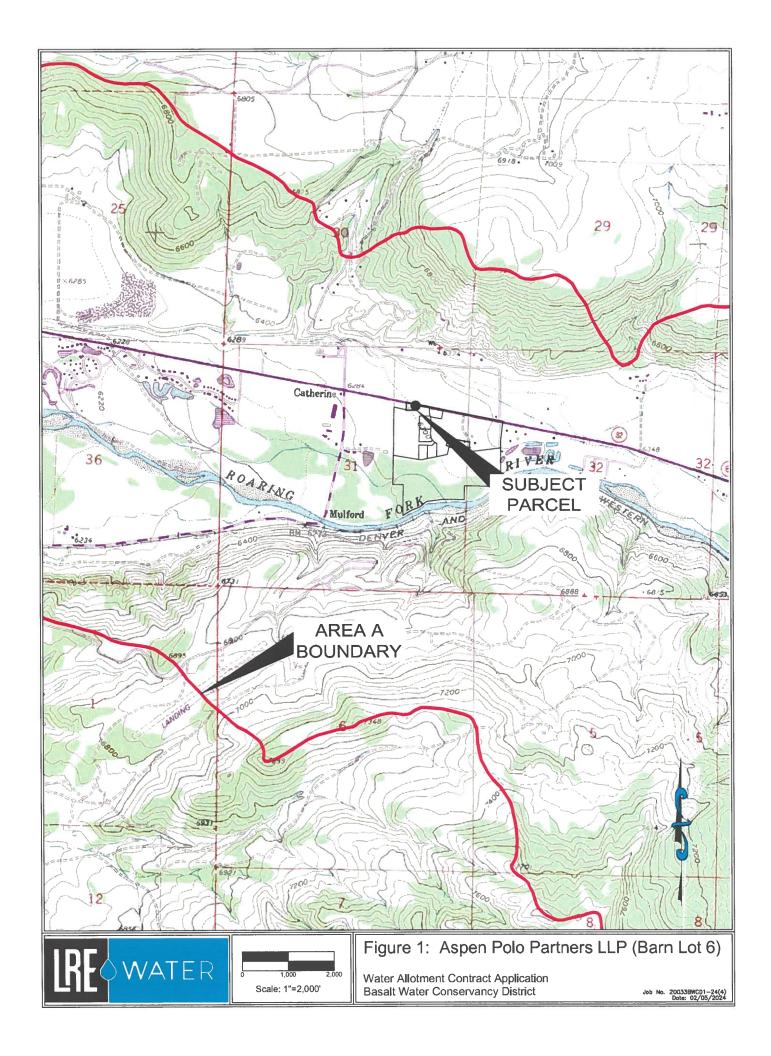
To:	BWCD	BOARD OF DIRECTORS
From:	ERIC I	MANGEOT 465
CC:		S GEIGER V
Date:	FEBR	UARY 5, 2024
File:	APPLI	CATION
Applica	ant Nan	ne: Aspen Polo Partners LLP
Type of	f Use:	Domestic X Commercial X (Split Use Contract) Industrial Agricultural
Amoun	nt:	AF
Locatio	on:	Area A <u>A-4</u> Area B Inclusion
		County: GARFIELD Contiguous:
		BWCD Division: _5_
Mid Va	lley Me	tro District Notice Required? Yes NoX_
Blue C	reek W	ater Rights Applied? Yes NoX
02CW7	7 Umb	rella Plan Water Rights Applied? Yes X No Cost: \$1,200

Aspen Polo Partners LLP (Applicant) is seeking to obtain a separate contract from Contact 701 for their property. Contact 701 has previously approved specific uses associated with Zone 1 of the former Aspen Polo Partners development. The Applicant's property is located at 30 Chukka Trail located near Carbondale Colorado and east of Catherine's Store (Parcel No. 239131123006) as shown on *Figure 1*. The property is also known as Lot 6, McClure River Ranch. The property is within BWCD Division 5.

The proposed uses are for a Horse Barn including a 2 bedroom ADU, 10,000 square feet of irrigation, bathroom, washroom, slop sink, and horse stalls (including washing stations) for up to 24 horses. Contract depletions are estimated at 1.1 acre-feet (AF) as summarized by LRE and estimated by Roaring Fork Engineering on the attached tables.

The source of water supply for domestic and commercial uses is the APP Barn Well No. 6 (15 gpm; Permit No. 84783-F) in the NE1/4 NE1/4 of Section 31, Township 7 South, Range 87 West of the 6th P.M. at a point 1,295 feet from the north section line and 1,141 feet of the east section line (UTM NAD83 4364095 N, 315156 E). The Applicant will need to amend their well permit for the new uses and reference the new District contact number.

LRE Water recommends that approval of this contract be contingent upon Contract 701 being amended downward to remove the uses associated the Lot 6.



Water User:	Aspen Polo Par	Aspen Polo Partners LLP (Barn Lot 6)
Analysis Date:	February 5, 2024	24
District Area:	A	
Source Series:	4	
Maximum Demand:	15	0.033
	(GPM)	(CFS)

# BASALT WATER CONSERVANCY DISTRICT WATER REQUIREMENTS

(acre feet) ~ Barn Lot 6~

Horizable   Hori		Domestic	Domestic Demand	Commercia	Commercial Demand		Domestic Con	Domestic Consumptive Use	Commercial Cc	Commercial Consumpitve Use			
Domestic   Horses Barn   Horses Barn   Horses Demand   Horse Demand   Horses Demand   Hors		E	(2)	(3)	(4)	(5)	(9)	(2)	(8)	(6)	(10)	(11)	(11)
Inchouse   Irrigation   Commercial   Horses   Denand   Inchouse   Irrigation   Commercial   Horses   Depletions		Domestic	Ĵ	Hourse Barn		TOTAL	Domestic		Horse Barn		*TOTAL	*Delayed	Source of
ary 0,029 0,000 0,001 0,003 0,004 0,000 0,011 0,025 0,004 0,000 0,001 0,002 0,004 0,000 0,001 0,002 0,004 0,000 0,001 0,002 0,000 0,007 0,000 0,007 0,000 0,	Month	In-house	Irrigation	Commercial	Horses	Demand	In-house	Irrigation	Commercial	Horses	Depletions	Depletions	Aug/Replace
19   19   19   19   19   19   19   19	January	0.029	0000	0.081	0.025	0.135	0.004	0.000	0.012	0.025	0.046	0.080	GNM
Note	February	0.026	0.00	0.073	0.023	0.122	0.004	0.000	0.011	0.023	0.042	0.074	GNM
10,028   0,000   0,079   0,024   0,025   0,004   0,005   0,0012   0,0025   0,004   0,005   0,002   0,002   0,003   0	March	0.029	0.000	0.081	0.025	0.135	0.004	0.000	0.012	0.025	0.046	0.070	GNM
See Table 1 and Roaming Fork Engineering 1/8/2024 Table   Conting to the following solids and the following solids are follows:   Conting	April	0.028	0000	0.079	0.024	0.131	0.004	0.000	0.012	0.024	0.045	0.068	GNM
trigation (10,006 gpd from May 1 - October 31)  (a) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2	Max	0.029	0.101	0.081	0.025	0.236	0.004	0.081	0.012	0.025	0.136	0.073	GNM
## 0.029	June	0.028	0.098	0.079	0.024	0.229	0.004	0.079	0.012	0.024	0.132	060.0	GNM
ust         0.029         0.101         0.081         0.025         0.036         0.025         0.136         0.010         0.024         0.132         0.110           ber         0.028         0.079         0.024         0.079         0.024         0.079         0.079         0.024         0.13         0.110           nber         0.028         0.079         0.024         0.025         0.004         0.081         0.004         0.081         0.025         0.136         0.134         0.004         0.004         0.002         0.012         0.025         0.026         0.025         0.024         0.025         0.046         0.004         0.001         0.025         0.026         0.026         0.027         0.026         0.046         0.002         0.012         0.026         0.046         0.002         0.012         0.026         0.046         0.002         0.024         0.046         0.006         0.012         0.024         0.046         0.006         0.012         0.024         0.046         0.006         0.012         0.024         0.046         0.006         0.012         0.024         0.046         0.006         0.012         0.024         0.026         0.046         0.006         0.012	VIII.	0.029	0.101	0.081	0.025	0.236	0.004	0.081	0.012	0.025	0.136	0.100	GNM
0.028	August	0.029	0.101	0.081	0.025	0.236	0.004	0.081	0.012	0.025	0.136	0.106	GNM
0.029 0.101 0.081 0.025 0.236 0.004 0.081 0.012 0.025 0.136 0.102 0.002 0.002 0.003	September	0.028	0.098	0.079	0.024	0.229	0.004	0.079	0.012	0.024	0.132	0.110	GNM
0.028         0.000         0.079         0.024         0.135         0.004         0.002         0.012         0.024         0.045         0.006           0.029         0.000         0.012         0.025         0.046         0.004         0.002         0.026         0.046         0.006           0.029         0.029         2.191         0.050         0.482         0.144         0.296         1.079         1.079           (1) Residence of the month of the contraction of	October	0.029	0.101	0.081	0.025	0.236	0.004	0.081	0.012	0.025	0.136	0.112	GNM
0.029   0.000   0.081   0.0256   0.135   0.004   0.000   0.012   0.0256   0.046   0.090   0.035   0.056   0.050   0.050   0.050   0.050   0.048   0.090   0.005   0.048   0.090   0.005   0.048   0.005   0.048   0.090   0.005   0.048   0.005   0.	November	0.028	000.0	0.079	0.024	0.131	0.004	0.000	0.012	0.024	0.045	0.106	GNM
NUMBER OF RESIDENCES (1 ADU)	December	0.029	0.000	0.081	0.025	0.135	0.004	0.000	0.012	0.025	0.046	0.090	GNM
Assumptions   Assumptions	TOTALS>	0.336	0.602	0.958	0.296	2.191	0.050	0.482	0.144	0.296	1.079	1.079	
ER OF RESIDENCES (1 ADU)         0.85 EQRs         (6)         % CU for Domestic           cd x 4 persons)         0.336 AF         (7)         % Lawn Irrig. Efficiency           ble 1 and Roaring Fork Engineering 1/8/2024 Table.         AF         (7)         % Lawn Irrig. Efficiency           gpd from May 1 - October 31)         0.602         AF         (8)         % CU for Commercial           spathrooms, washing machines, sinks, etc.         6)         % Horse Consumption           ble 1 and Roaring Fork Engineering 1/8/2024 Table.         (9)         % Horse Consumption           rses @ 11 gals/day         24         (10)         Total Includes 5% Transit Loss           ble 1 and Roaring Fork Engineering 1/8/2024 Table.         *(10)         Total Includes 5% Transit Loss							Assun	nptions					
10,000 square feet			NUMBER OF	RESIDENCES	(1 ADU)		0.85	EQRs	(9)				
ble 1 and Roaring Fork Engineering 1/8/2024 Table.  10,000 square feet) 10,602 AF 10,000 square feet) 10,602 AF 10,000 square feet) 10,602 AF 10,600 square feet) 10,602 AF 10,600 square feet) 10,602 AF 10,600 square feet) 10,6		(1)	(75 gpcd × 4 p	ersons)			0.336	AF	(0)	% CU for Dome	stic		15
10,000 square feet			See Table 1 a	nd Roaring For	k Engineering	1/8/2024 Table.			(2)				
gpd from May 1 - October 31) ble 1 and Roaring Fork Engineering 1/8/2024 Table.  0.958 AF 8 bathrooms, washing machines, sinks, etc. ble 1 and Roaring Fork Engineering 1/8/2024 Table. rses @ 11 gals/day 24 10% from Green Mtn.			Irrigation (10,0	300 square feet,		0.602	AF			% Lawn Irrig. Ei	fficiency		80
ble 1 and Koaring Fork Engineering 1/8/2024 Table.  3am Commercial 3am Consumption 3am		(2)	(1,066 gpd fro	₁m May 1 - Octo	ber 31)	H 2000			(8)	2 to 1 10 /6	000		r,
Sam Commercial 0.958 AF (9) % Horse Consumption s bathrooms, washing machines, sinks, etc.  ble 1 and Roaring Fork Engineering 1/8/2024 Table.  trees @ 11 gals/day 24  10% from Green Mtn.			See Table 1 a	ind Koaring For	k Engineering	1/8/2024   able.				11100 IDI 00 %	בנוסום		2
s bathrooms, washing machines, sinks, etc.  ble 1 and Roaring Fork Engineering 1/8/2024 Table.  rses @ 11 gals/day  type 1 and Roaring Fork Engineering 1/8/2024 Table.  *(10)			Horse Barn C	ommercial		0.958	AF		(6)		:		
ble 1 and Roaring Fork Engineering 1/8/2024 Table. rses @ 11 gals/day 24 ble 1 and Roaring Fork Engineering 1/8/2024 Table.		(3)	Includes bath	rooms, washing	machines, sini	ks, etc.				% Horse Consu	mption		100
rses @ 11 gals/day 24 ble 1 and Roaring Fork Engineering 1/8/2024 Table.			See Table 1 a	and Roaring For	k Engineering	1/8/2024 Table.							
ble 1 and roaming Fork Engineering Trozoz4 1 able:		(4)	# of Horses @	) 11 gals/day		24 1970034 Toblo			*(10)	Total Includes 5	5% Transit Loss		
			See Lable 1 s	ind Roaling For	K Erigirica III ig	ויסובטבל ו מטום.				200 11011 0/01	I MICH.		

Elevation = 6,320 feet

Area A-4 Roaring Fork River Individual Glover from Well





TABLE 1

ASPEN POLO PARTNERS LLP - BARN LOT 6
Facility Domestic / Commercial Demands from Roaring Fork Engineering
(all values in AF unless otherwise noted)

	_				_	_					_	•••			_		
		Commercial	Total	0.106	960'0	0.106	0.103	0.106	0.103	0.106	0.106	0.103	0.106	0.103	0.106	1.253	
COMMERCIAL		Horses		0.025	0.023	0.025	0.024	0.025	0.024	0.025	0.025	0.024	0.025	0.024	0.025	0.296	264
	Horse	Barn	Commercial	0.081	0.073	0.081	0.079	0.081	0.079	0.081	0.081	0.079	0.081	0.079	0.081	0.958	855
		Domestic	Total	0.057	0.052	0.057	0.055	0.158	0.153	0.158	0.158	0.153	0.158	0.055	0.057	1.274	
DOMESTIC		Irrigation	Domestic		,	٠	'	0.101	0.098	0.101	0.101	0.098	0.101	1	•	0.602	1,066
	Horse	Barn	Domestic	0.057	0.052	0.057	0.055	0.057	0.055	0.057	0.057	0.055	0.057	0.055	0.057	0.672	900
		Month		January	February	March	April	Mav	June	July	August	September	October	November	December	TOTAL =	pdb



Job Name: Aspen Polo Club Water System
Job Number: 2017-13
Date: 1/8/2024
By: RNM

# ASPEN VALLEY POLO CLUB WATER DEMAND CALCULATIONS - APP BARN WELL NO. 6

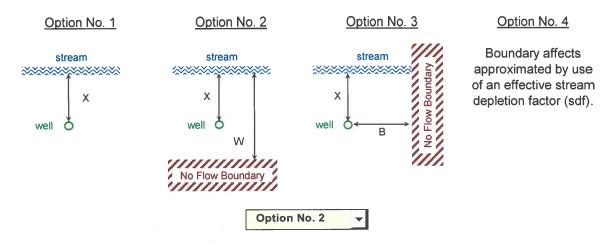
ne Parameter	Value	Unit	Notes
RSE BARNS DAILY WATER DEMAND			
ADU Daily Demand (2 bedrooms)	75	gpcd	
Persons per ADU	4	persons	
Number of ADUs/Barn	1	adu	
Number of Barns	1	barn	
ADU Water Demand	300	gpd	Water is sent to septic field
Number of Barns	1	barn	
Irrigated Area per Barn	10,000		
Total Irrigated Area	0.23	acres	
Allowed Water Application Amount		AF/acre	BWCD permitted lawn irrigation application amount for a full irrigation season
Allowed Water Application Amount per Barn Irrigated Area	0.589		
		gallons	
Allowed Water Application Rate in Irrigation Season	0.098 1,066	AF/month gpd	May 1 thru Oct 30 (6 month irrigation season)
Number of Bathrooms per Barn	2	bathrooms	
Water Use per Bathroom Visit		gpu	
Number of Employees/Riders per Barn		people	5 riders per barn (3 employees covered in ADU calcs)
Number of Uses per Day/Person		uses	
Number of Barns		barn	
Bathroom Water Demand		gpd	Water is sent to septic field
Number of Washing Machines per Barn	1	washer	
Water Use per Washer Cycle	31	gpu	
Number of Barns	1	barn	
Number of Uses per Day	3	uses	Blankets (24) get washed once per week (over 7 days)
Washer Water Demand	94	gpd	Water is sent to drywell
Number of Slop Sinks per Barn	1	sink	
Water Use per Sink Visit	2.5	gpm	Faucet is restricted to 2.5 gpm (Federal Plumbing Standards)
Number of Barns		barn	
Number of Uses per Day/Person		uses	
Average Use Time		minutes	
Slop Sink Water Demand	80	) gpd	Water is sent to drywell
Number of Horses per Barn	24	horses	
Water Use per Horse	11	gpd	Horse drink 5-11 gallons per day typically
Number of Barns	1	barn	
Horse Water Demand	264	gpd	Drinking water for horses
Number of 1/2" Hose Bibs/Barn		hose bibs	
Water Use per Hose Bib		gpm .	
Number of Barns		l barn	
Number of Uses per Day		2 uses	
Average Use Time		minutes	
Hose Bib Water Demand	256	3 gpd	Water is sent to drywell/land applied (50/50)
Number of Horse Washings		horse wash	On which the forested by both a board 2.75
Water Use per Horse Wash		gpu	20 minutes is normal to bathe a horse & 75 gallons per horse
Number of Barns		barn	Harros (24) got washed once per week (aver 5 days)
Number of Uses per Day Horse Washing Water Demand		5 uses 5 gpd	Horses (24) get washed once per week (over 5 days) Water is sent to drywell
		0.	
TAL DAILY WATER DEMAND		W. V. C. Const.	
Average Daily Demand (outside irrigation season)		gpd gpd	Nov 1 thru Apr 30 (6 months outside irrigation season)
Volume Sent to Septic Field	350	D gpd	Includes flow from ADUs and bathrooms
Volume Sent to Drywell	67	7 gpd	Water from sinks, hose bibs, and horse washings
Volume Land Applied	39:	2 gpd	Drinking water for horses
Average Daily Demand (during irrigation season)	2,48	5 gpd	May 1 thru Oct 30 (6 month irrigation season)
Volume used for Irrigation		6 gpd	
Average Annual Consumption	696,46	1 gpy	
	2	1 AF/year	

# **Well Pumping Depletion Model (WPDM)**

### 1. Enter Project Description:

Aspen Polo Partners LLP (Barn Lot 6 Well)
Individual Glover

### 2. Select One of the Following Four Aquifer Options:

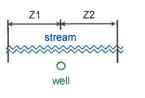


### 3. Enter Physical Characteristics:



Aquifer Transmissivity (gpd/ft):	100,000	(Required for Option Nos. 1, 2, or 3 only)
Aquifer Specific Yield:	0.20000	(Required for Option Nos. 1, 2, or 3 only)
Distance X (feet):	2,274	(Required for Option Nos. 1, 2, or 3 only)
Distance W (feet):	3,044	(Option No. 2 only)
Distance B (feet):		(Option No. 3 only)
sdf:		(Option No. 4 only)

For Option Nos. 1, 2, or 3, do you want to compute depletion for a segment of the stream?



No

\*Distance Z1 (feet): (enter -99999 for negative infinity)
\*Distance Z2 (feet): (enter 99999 for infinity)



<sup>\*</sup> Z1 can not exceed Z2, and Z2 can not exceed B.

Project Data Sum	mary	Augire II
Aquifer Option:	Option No. 2	
Transmissivity (gpd/ft):	100,000	
Specific Yield:	0.20	
Distance X (ft):	2,274	
Distance W (ft):	3,044	
Distance B (ft):	0	
sdf:	0	
Compute Depletion for Stream Segment?:	No	
Distance Z1 (ft):	0	
Distance Z2 (ft):	0	

1. Clear All Previous Pumping Data and Depletion Results (including Item Nos. 3 and 4):

Click to Clear Previous Data & Results

2. Select Time Units:

3) Months

3. Enter Number of Pumping Periods:

360

Notes: a) Can not be greater than 3,600 periods. b) execution time is faster if fewer pumping periods used.

4. Enter Starting Date:

1/1/2024

(e.g., enter 12/01/1950 for December 1, 1950)

- 5. Pumping Schedule and Depletion Results:
  - a) Below, enter the Pumping Rate (Col C, yellow cells) corresponding with the associated Pumping Period.
  - b) Cyclical Data Entry Option (not required):

Enter the number of pumping periods to cycle:

12

Enter the number of cycles:

Enter the pumping rates to cycle (Col C, yellow cells).

Click button to cycle data:

Cycle Data

c) After the data have been entered, click on the button below to calculate the resulting stream depletion.

Calculate Stream Depletion

6. Graph:

Select Data to Graph -

4) Depletion Rate

Click Button to Create Graph -

Create Graph

Pu	mping Sched	ule	Pumping	Summary		Depletion Summa	ary
	Pumping	Pumping	Volume Pumped	Cumul. Volume	Depletion	Volume of	Volume of Depletion
1	Period	Rate	This Period	Pumped	Rate	Depletion	This Period
Date	(months)	(gpm)	(acre-feet)	(acre-feet)	(gpm)	(acre-feet)	(acre-feet)
1/1/2024	1	0.99	0.13	0.13	0.31	0.02	0.02
2/1/2024	2	0.99	0.13	0.26	0.59	0.08	0.06
3/1/2024	3	0.99	0.13	0.40	0.76	0.17	0.09
4/1/2024	4	0.99	0.13	0.53	0.85	0.28	0.11
5/1/2024	5	1.73	0.23	0.76	1.14	0.41	0.13
6/1/2024	6	1.73	0.23	0.99	1.39	0.58	0.17
7/1/2024	7	1.73	0.23	1.23	1.53	0.78	0.20
8/1/2024	8	1.73	0.23	1.46	1.61	0.99	0.21
9/1/2024	9	1.73	0.23	1.69	1.66	1.21	0.22
10/1/2024	10	1.73	0.23	1.92	1.69	1.44	0.22
11/1/2024	11	0.99	0.13	2.05	1.47	1.65	0.22



Pun	nping Sched	ule	Pumping	Summary		Depletion Summa	ıry
I	Pumping	Pumping	Volume Pumped		Depletion	Volume of	Volume of Depletion
	Period	Rate	This Period	Pumped	Rate	Depletion	This Period
Date	(months)	(gpm)	(acre-feet)	(acre-feet)	(gpm)	(acre-feet)	(acre-feet)
12/1/2024	12	0.99	0.13	2.19	1.27	1.83	0.18
1/1/2025	13	0.99	0.13	2.32	1.15	2.00	0.16
2/1/2025	14	0.99	0.13	2.45	1.08	2.14	0.15
3/1/2025	15	0.99	0.13	2.58	1.04	2.29	0.14
4/1/2025	16	0.99	0.13	2.72	1.02	2.43	0.14
5/1/2025	17	1.73	0.23	2.95	1.24	2.57	0.15
6/1/2025	18	1.73	0.23	3.18	1.44	2.76	0.18
7/1/2025	19	1.73	0.23	3.41	1.56	2.96	0.20
8/1/2025	20	1.73	0.23	3.64	1.63	3.17	0.21
9/1/2025	21	1.73	0.23	3.88	1.67	3.39	0.22
10/1/2025	22	1.73	0.23	4.11	1.69	3.62	0.23
11/1/2025	23	0.99	0.13	4.24	1.47	3.84	0.22
12/1/2025	24	0.99	0.13	4.37	1.27	4.02	0.18
1/1/2026	25	0.99	0.13	4.50	1.15	4.18	0.16
2/1/2026	26	0.99	0.13	4.64	1.08	4.33	0.15
3/1/2026	27	0.99	0.13	4.77	1.04	4.47	0.14
4/1/2026	28	0.99	0.13	4.90	1.02	4.61	0.14
5/1/2026	29	1.73	0.23	5.13	1.24	4.76	0.15
6/1/2026	30	1.73	0.23	5.37	1.44	4.94	0.18
7/1/2026	31	1.73	0.23	5.60	1.56	5.14	0.20
8/1/2026	32	1.73	0.23	5.83	1.63	5.36	0.21
9/1/2026	33	1.73	0.23	6.06	1.67	5.58	0.22
10/1/2026	34	1.73	0.23	6.29	1.69	5.81	0.23
11/1/2026	35	0.99	0.13	6.43	1.47	6.02	0.22
12/1/2026	36	0.99	0.13	6.56	1.27	6.21	0.18
1/1/2027	37	0.99	0.13	6.69	1.15	6.37	0.16
2/1/2027	38	0.99	0.13	6.82	1.08	6.52	0.15
3/1/2027	39	0.99	0.13	6.96	1.04	6.66	0.14
4/1/2027	40	0.99	0.13	7.09	1.02	6.80	0.14
5/1/2027	41	1.73	0.23	7.32	1.24	6.95	0.15
6/1/2027	42	1.73	0.23	7.55	1.44	7.13	0.18
7/1/2027	43	1.73	0.23	7.78	1.56	7.33	0.20
8/1/2027	44	1.73	0.23	8.02	1.63	7.55	0.21
9/1/2027	45	1.73	0.23	8.25	1.67	7.77	0.22
10/1/2027	46	1.73	0.23	8.48	1.69	7.99	0.23
11/1/2027	47	0.99	0.13	8.61	1.47	8.21	0.22
12/1/2027	48	0.99	0.13	8.74	1.27	8.39	0.18
1/1/2028	49	0.99	0.13	8.88	1.15	8.55	0.16
2/1/2028	50	0.99	0.13	9.01	1.08	8.70	0.15
3/1/2028	51	0.99	0.13	9.14	1.04	8.85	0.14
4/1/2028	52	0.99	0.13	9.27	1.02	8.98	0.14
5/1/2028	53	1.73	0.23	9.51	1.24	9.13	0.15
6/1/2028	54	1.73	0.23	9.74	1.44	9.31	0.18
7/1/2028	55	1.73	0.23	9.97	1.56	9.52	0.20
8/1/2028	56	1.73	0.23	10.20	1.63	9.73	0.21
9/1/2028	57	1.73	0.23	10.43	1.67	9.95	0.22
10/1/2028	58	1.73	0.23	10.67	1.69	10.18	0.23
11/1/2028	59	0.99	0.13	10.80	1.47	10.40	0.22
12/1/2028	60	0.99	0.13	10.93	1.27	10.58	0.18





Job Name: Aspen Polo Club Water System
Job Number: 2017-13
Date: 1/8/2024
By: RNM

## ASPEN VALLEY POLO CLUB WATER DEMAND CALCULATIONS - APP BARN WELL NO. 6

Line Parameter	Value	Unit	Notes
HORSE BARNS DAILY WATER DEMAND			
ADU Daily Demand (2 bedrooms)		gpcd	
Persons per ADU		persons	
Number of ADUs/Barn		adu	
Number of Barns		barn	
ADU Water Demand	300	gpd	Water is sent to septic field
Number of Barns	1	barn	
Irrigated Area per Barn	10,000	sq.ft.	
Total Irrigated Area		acres	
Allowed Water Application Amount		AF/acre	BWCD permitted lawn irrigation application amount for a full irrigation season
Allowed Water Application Amount per Barn Irrigated Area	0.589		
20 AV X	191,875	-	
Allowed Water Application Rate in Irrigation Season	0.098 1,066	AF/month gpd	May 1 thru Oct 30 (6 month irrigation season)
Number of Rethrooms per Ram	2	bathrooms	
Number of Bathrooms per Barn Water Use per Bathroom Visit		gpu	
Number of Employees/Riders per Barn		people	5 riders per barn (3 employees covered in ADU calcs)
Number of Uses per Day/Person		uses	The state of the surpression of the state of
Number of Barns		barn	
Bathroom Water Demand		gpd	Water is sent to septic field
Badilooni Water Belliana	-	91-	Value to control copies note
Number of Washing Machines per Barn	1	washer	
Water Use per Washer Cycle	31	gpu	
Number of Barns	1	barn	
Number of Uses per Day	3	uses	Blankets (24) get washed once per week (over 7 days)
Washer Water Demand	94	gpd	Water is sent to drywell
Number of Slop Sinks per Barn	1	sink	
Water Use per Sink Visit		gpm	Faucet is restricted to 2.5 gpm (Federal Plumbing Standards)
Number of Barns		barn	
Number of Uses per Day/Person	8	uses	
Average Use Time	4	minutes	
Slop Sink Water Demand	80	gpd	Water is sent to drywell
Number of Horses per Barn	24	horses	
Water Use per Horse		gpd	Horse drink 5-11 gallons per day typically
Number of Barns		barn	
Horse Water Demand	264	gpd	Drinking water for horses
Number of 1/2" Hose Bibs/Barn	4	hose bibs	
Water Use per Hose Bib		gpm	
Number of Barns		barn	
Number of Uses per Day	2	uses	
Average Use Time	4	minutes	
Hose Bib Water Demand	256	gpd	Water is sent to drywell/land applied (50/50)
Number of Horse Washings	1	horse wash	
Water Use per Horse Wash		gpu	20 minutes is normal to bathe a horse & 75 gallons per horse
Number of Barns		barn	
Number of Uses per Day	5	uses	Horses (24) get washed once per week (over 5 days)
Horse Washing Water Demand	375	gpd	Water is sent to drywell
TOTAL DAILY WATER DEMAND			
Average Daily Demand (autoida imigation constitution)	4 444	and	Nov 1 thru Apr 30 (6 months outside irrigation season)
Average Daily Demand (outside irrigation season)  Volume Sent to Septic Field	1,419		Includes flow from ADUs and bathrooms
		gpd and	Water from sinks, hose bibs, and horse washings
Volume Sent to Drywell		gpd gpd	Drinking water for horses
Volume Land Applied Average Daily Demand (during irrigation season)		gpd gpd	May 1 thru Oct 30 (6 month irrigation season)
Volume used for Irrigation		gpa gpd	may 1 and Oct of to month inigation season)
Average Annual Consumption	696,461		
Average Annual Consumption		AF/year	
	۷.		

### APPLICATION FOR WATER ALLOTMENT CONTRACT BASALT WATER CONSERVANCY DISTRICT

### ASPEN POLO PARTNERS LLP APP BARN LOT 6

**Introduction**: With this application, Aspen Polo Partners LLP seeks a water allotment contract for its Barn Lot 6 property. This application arises out of the partial assignment of Contract No. 701a from Aspen Polo Partners LLP to Aspen Polo Partners LLP as individual owner of Barn Lot 6. That assignment was completed and approved by the District in July of 2023. A copy of the partial assignment is attached with this application for convenience. Aspen Polo Partners LLP ("APP") held Contract No. 701a which provided allotment water to cover well uses on the entire Zone 1 of APP's development. APP owned all of the property in Zone 1 at the time Contract No. 701a was issued and amended.

APP subdivided Zone 1 into six barn lots (Barn Lots 1-6), an event center lot (Lot 7), and two tracts for the polo fields (Tracts A and B). The barn lots are to be held individually, each with its own well and water supply. Barn Lots 1, 3, and 5 have been conveyed to individual owners other than APP. The event center lot, Tracts A and B, and Barn Lots 2, 4, and 6 will continue to be owned by APP, although APP is marketing Barn Lots 2, 4, and 6 for sale to other parties. Based on this, APP partially assigned Contract 701a to each individual lot owner, including APP, itself, as the individual owner of Barn Lot 6. As a condition of the District's approval of the partial assignment, the District requires that each individual barn lot owner re-apply for a stand-alone allotment contract for each individual lot. APP submits this application for a stand-alone allotment contract for Barn Lot 6 in compliance with that condition.

In addition, APP seeks to increase the uses over what is allowed under the current contract for Barn Lot 6. In that regard, APP applies for full-season irrigation water for 10,000 square feet.

- 1. Applicant's Contact Information
  - a. Name: Aspen Polo Partners LLP
  - b. Mailing Address: 101 S Mill St. #200 Aspen, CO 81611
  - c. Street Address: 30 Chukka Trail, Carbondale, CO 81623
  - d. Telephone Numbers: (970)948-6523 Craig Corona
  - e. Email Address: cc@craigcoronalaw.com
  - f. If Applicant is represented by an Attorney, please provide the Attorney's contact information, including name, address, telephone, and email:

Craig Corona, Esq.

> 218 E. Valley Rd. Ste. 104 PMB 166 Carbondale, CO 81623 (970) 948-6523 cc@craigcoronalaw.com

g. Emergency Local Contact Information, including name, address, telephone, and email:

### Craig Corona (970)948-6523

h. Contact Information of property manager, caretaker, irrigator, system operator, or agent who should be provided a copy of this contract, including name, address, telephone, and email:

Peter Rizzo; (561)777-6448; rizzo.poloworks@gmail.com

2. Type of land use (development) proposed for water allotment contract (i.e. single family home, subdivision, gravel pit, etc.):

Residential inside a barn with facilities for 24 horses and a two-bedroom apartment; irrigation of 10,000 square feet of lawn and landscaping. (See demand calculation attached.)

3. Legal description and address of property on which District's water rights and/or contract water will be used (attach map and vesting deed with proof of ownership)\*:

Address: 30 Chukka Trail, Carbondale, CO 81623

Legal Description: Lot 6, MCCLURE RIVER RANCH, according to the Final Plat thereof recorded December 20, 2022, as Reception No. 982205, and described in the Declaration of Covenants, Conditions and Restrictions for McClure River Ranch Master Association, recorded December 20, 2022, as Reception No. 982206, Garfield County, Colorado.

For proof of ownership, please see attached plat. A map of the Barn Lot 6 property is also attached.

4	Elevation of property:	X	6-7,000 ft.,	7-8,000 ft.,	8-9,000 ft.
т.	Licyation of broberty.	416		/ 0,000 10.,	0

5. Name and legal description of water supply diversion point(s):

6.

Name of Diversion: APP Barn Well No. 6 (Permit 84783-F)
Type of Diversion Well
Legal Description: <b>NE</b> Quarter, <b>NE</b> Quarter, Section <b>31</b> , Township <b>7.0 S</b> , Range <b>87.0</b>
<b>W</b> , of the 6 <sup>th</sup> Principal Meridian, at a location feet from the Section
line and feet from the Section line.
UTM Coordinates (NAD 83):
Northing: <b>4364095.0</b>
Easting: <b>315156.0</b>
Zone 13
If diversion point is a well, please provide the Well Permit No. 84783-F.
Is the well operational/active? Yes,X No
Is there currently an operating well meter? Yes,X No
Notice: A valid well permit with operating well meter will be required under the contract.
Legal Water Supply: (please check one)
X Applicant requests consideration by the District to be included in the District's Umbrella Plan for Augmentation decreed in Case No. 02CW77.*
*Note: Certain applicants may qualify to be included in the District's Umbrella Plan at the District's discretion. In order to be included in the District's Umbrella Plan, the Applicant's depletions must occur within the District's defined "Area A" and the Applicant must reimburse the District its <i>pro rata</i> share of the District's expenses in obtaining the Umbrella Plan decree. Costs of reimbursement are contingent upon location and intensity of the uses, and range from \$1,200 for contractees with less than 2 units (EQRs) in certain areas, to \$5,000 for more than 8 EQRs in Area A-3 (generally the Roaring Fork drainage above its confluence with the Fryingpan Rivers).
Applicant will obtain its own plan for augmentation by applying to the Water Court, Water Division 5 within 2 years of this application. If Applicant has already

	applied for its own change/approval of plan for augmentation, the Water Court Case Number is:
7.	Proposed waste water treatment system: (please check)
	Tap to central waste water treatment facility  X Septic tank/leachfield system  Evapotranspiration system Other:
8.	Proposed use of water (please check)
	<ul> <li>X Domestic/Municipal (single family home(s), duplex(s), condominium(s), mobile home(s), apartment). Please complete page four of this application.</li> <li>Commercial (hotel, office, warehouse, restaurant, bar, retail). Please complete page five of this application.</li> <li>Industrial (gravel pit, manufacturing). Please complete page six of this application.</li> <li>Agricultural (crop irrigation, stock watering). Please complete page seven of this application.</li> </ul>

Date on which the county or other applicable governmental entities approved the land use for which you seek legal water service: **GarCo Resolution 2018-10 March 12, 2018; Final Plat December 19, 2022.** 

9. What other water rights are associated with or used on the property?

Name of Diversion: Basin Ditch.

Legal Description: From CA3082 decree - The headgate is located on the north bank of the Roaring Fork River at a point whence the quarter corner common to Sections 32 and 33, Township 7 South, Range 87 West of the 6<sup>th</sup> P.M., bears North 40°41' West 1,079 feet.

Basin Ditch water is used for irrigation on this parcel. APP requests 10,000 square feet of irrigation be included in this contract for times when Basin Ditch may not be available, so the well may be used for landscape irrigation.

10. What other uses of water occur on the property?

On the individual lot for which this application is submitted, irrigation water may be provided from Basin Ditch water rights held by the owner's association. Applicant requests that this contract provide for that irrigation demand, as well, for times when Basin Ditch water may not be available.

On Zone 2 of the development, there is agricultural irrigation and a greenhouse. Other water uses on Zone 1 include two barns that have been constructed and irrigation of two polo fields.

Please complete the section below if you selected domestic/municipal use on Page 3, No. 8

### DOMESTIC/MUNICIPAL WATER USES

<u>In-House</u>						
Single family resid	lential home(s)	Number of Units:				
Duplex(s)		Number of Units:				
Condominium(s)		Number of Units:				
Apartment(s)	Number of Units/Rooms: 1 unit/2 E	BRs				
Mobile Home(s)		Number of Units:				
<u>Irrigation</u> (lawns, parks, open space)						
Total area	Total area to be irrigated <u><b>10,000</b></u> Sq. Ft. or Acres					
Type of irr	Type of irrigation system (please check)					
X	XSprinkler					
	_ Flood (irrigation ditch)					
Domestic stock watering (cattle, horses)						
Number of animals: 24						
Period of u	use (months): <u>12 months</u>					

Other domestic/municipal uses not listed: N/A

V	ER	IFI	CA	TI	O	N

STATE OF COLORADO	)		
	) ss		
COUNTY OF EAGLE	)		

- I, Craig V. Corona, authorized representative of BTT Aspen Holdings LLC, being first duly sworn, upon oath, depose and state as follows:
- 1) I am the Applicant or a duly authorized officer, manager, agent or attorney-in-fact for the Applicant for this Application for Water Allotment Contract;
- 2) I have read and know the contents of this Application;
- 3) The information contained herein is an accurate and complete description of the Applicant's intended use of the Basalt Water Conservancy District's water rights;
- 4) The Applicant acknowledges that the accuracy and truth of all statements in this Application are conditions of approval of this Application by the Basalt Water Conservancy District and of the Contract to be made pursuant to such approval; and
- 5) I acknowledge that this application shall be subject to the District's Water Allotment Contract as approved and issued by the District.

Date: 1/10/2024

Print Name: Craig V. Corona

Title: Attorney

Subscribed and sworn before me this 9th day of January, 2024 by Craig V. Corona.

Witness my hand and seal.

CHEYENNE RAINE BEGAY NOTARY PUBLIC - STATE OF COLORADO NOTARY ID 20234011438 MY COMMISSION EXPIRES MAR 24, 2027

Notary Public