

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

1. Applicant(s) Name(s):

Frying Pan River Partners

Applicant(s) Mailing Address:

c/o Pittco Farms, Inc.
17 West Pontotoc Avenue, Suite 200
Memphis, TN 38103

Applicant(s) Street Address:

300 King Lake Road
Basalt, CO 81621

Applicant(s) Telephone No(s):

901-685-3404

Applicant(s) E-mail Address:

lmccann@pittcomanagement.com

Attorney Info (Name, Address, Telephone and Fax Nos., E-mail):

Christopher Geiger, Esq.
Balcomb & Green, P.C.
818 Colorado Avenue
P.O. Drawer 790
Glenwood Springs, CO 81602

Emergency Contact Information (Name, Address, Telephone and Fax Nos.):

Roy Palm
6692 Frying Pan Road
Basalt, CO 81621
970-927-8053

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

Single Family Home(s) in two lot subdivision.

Basalt Water Conservancy District
Water Allotment Application
Page 2

3. Legal description of property on which District's water rights and/or contract water shall be used; Quarter, Quarter, Section, Township, Range (attach map and vesting deed with proof of ownership)*:

NW1/4 of Section 7, Township 8 South, Range 85 West of the 6th P.M.

4. Elevation zone of property: 6-7,000 ft., 7-8,000 ft., 8-9,000 ft.
5. Name and legal description of water supply diversion point(s): include Quarter Quarter, Section, Township, Range, bearing and distance from nearby Section corner. (Identify if well, spring, pipeline, etc.) If diversion point is a well, please provide the State Permit No. _____.

King Ranch Ditch No. 1 decreed in Case No. W-2713 for 5.29 cubic feet per second (cfs) for piscatorial and other beneficial uses. The Applicant owns a 50 percent undivided interest in the ditch. In Civil Action (CA) No. 4613, 0.5 cfs of the water right was transferred to other ownership. Therefore a 50 percent interest is 2.40 cfs. The headgate is located at a point on the southerly bank of the Fryingpan River whence the Northeast Corner of Section 7, Township 8 South, Range 85 West of the 6th P.M. bears N. 84° 04' E. 2,633.8 feet.

King Ranch Ditch No. 2 is decreed in CA 4613 for 6.05 cfs for piscatorial and other beneficial uses. The Applicant owns a 26.5 percent undivided interest in the ditch or 1.60 cfs. The headgate is located on the westerly bank of the unnamed tributary to the Fryingpan River at a point whence the Northeast Corner of the Section 7, Township 8 South, Range 85 West of the 6th P.M. bears N. 81° 37' E. 2,624.9 feet.

Is the well operational/active? N/A Yes, _____ No

Is there currently an operating well meter? N/A Yes, _____ No

Notice: A valid well permit with operating well meter will be required under the contract.

6. Has Applicant applied with the Water Court for water rights, change of water rights and/or a water right plan for augmentation? _____ Yes, No; If yes, what is the Water Court Case No.

7. Proposed waste water treatment system: (please check)

Tap to central waste water treatment facility
 Septic tank/leachfield system
 Evapotranspiration system

_____ Other: N/A

8. Proposed use of water (please check)

- Domestic/Municipal (single family home(s), duplex(s), condominium(s), mobile home(s), apartment, hotel). Please complete page three of this application.
- _____ Commercial (office, warehouse, restaurant, bar, retail). Please complete page four of this application.
- _____ Industrial (gravel pit, manufacturing). Please complete page four of this application.
- _____ Agricultural (crop irrigation, stock watering). Please complete page five of this application.

Date on which the county or other applicable governmental entities approved the land use for which you seek legal water service: Unknown. (Note: Copy of the Resolution of other documentation evidencing such approval should be submitted with application.)

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

King Ranch Ditch No. 1, King Ranch Ditch No. 2.

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

Piscatorial use in Lot 1, King Ranch Reservoir.

Please complete this page if you checked domestic/municipal use on Page 2, No. 8

DOMESTIC/MUNICIPAL WATER USES

In-House

Single family residential home(s)	Number of Units: _____
Duplex(s)	Number of Units: _____
Condominium(s)	Number of Units: _____
Hotel/Apartment(s)	Number of Units/Rooms: _____
Mobil Home(s)	Number of Units: _____

Irrigation (lawns, parks, open space)

Total area to be irrigated _____ Sq. Ft. or 1.1 Acres

Type of irrigation system (please check)

X Sprinkler

_____ Flood (irrigation ditch)

Domestic stock watering (cattle, horses)

Number of animals:

Period of use (months):

Other domestic/municipal uses not listed:

Evaporation from Lot 1 King Ranch Reservoir. Total Surface Area = 3.78 acres.

VERIFICATION

STATE OF TENN)
COUNTY OF SHELBY) ss.

I, Lorie McClann (name of Applicant or Applicant's duly authorized representative), 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: 4-16-09

By: [Signature]

Print Name: Lorie McClann

Title: Agent

Subscribed and sworn before me this 16 day of APRIL, 2009 by JERRI KING.

Witness my hand and seal.



[Signature]
Notary Public

My commission expires:
MY COMMISSION EXPIRES:
October 13, 2010

TABLE 1
Lot 1 King Ranch
Water Diversions and Depletions
(All Values in Acre-Feet)

Month	DIVERSIONS			DEPLETIONS		
	Irrigation (1)	Evaporation (2)	Total Diversions (3)	Irrigation (4)	Evaporation (5)	Total Depletions (6)
January	0.00	0.14	0.14	0.00	0.14	0.14
February	0.00	0.41	0.41	0.00	0.41	0.41
March	0.00	0.81	0.81	0.00	0.81	0.81
April	0.05	1.22	1.27	0.04	1.22	1.26
May	0.37	1.69	2.07	0.30	1.69	1.99
June	0.54	2.10	2.64	0.43	2.10	2.53
July	0.58	2.17	2.74	0.46	2.17	2.63
August	0.48	1.76	2.25	0.39	1.76	2.15
September	0.35	1.49	1.84	0.28	1.49	1.77
October	0.15	1.02	1.17	0.12	1.02	1.14
November	0.00	0.54	0.54	0.00	0.54	0.54
December	0.00	0.20	0.20	0.00	0.20	0.20
Total	2.52	13.55	16.07	2.02	13.55	15.56

Notes:

- (1) Irrigation of 1.10 Acres and 80% irrigation efficiency
- (2) Evaporation from Reservoir, King Ranch Ditch No. 1, and open water surfaces.
- (3) Column (1) + Column (2)
- (4) Irrigation consumptive use w/ 80% irrigation efficiency. = Column (1) x 0.80
- (5) Evaporation Depletion is 100% consumptive.
- (6) Column (4) + Column (5)

**TABLE 2
EVAPORATION - LOT 1 KING RANCH (7,020 FEET M.S.L.)**

Month	SEO Monthly Distribution	(1) Gross Lake Evaporation		(2) Average Precipitation		(3) Effective Precipitation		(4) Average Temperature (deg. F)	(6) Net Pond Evaporation		(7) Total Pond Evaporation (acre-feet)
		(feet)	(Inches)	(feet)	(Inches)	(feet)	(Inches)		(feet)	(Inches)	
January	1.0%	0.04	0.43	0.11	1.26	0.00	0.00	21.2	0.04	0.43	0.135
February	3.0%	0.11	1.29	0.09	1.09	0.00	0.00	25.2	0.11	1.29	0.406
March	6.0%	0.22	2.58	0.12	1.39	0.00	0.00	31.9	0.22	2.58	0.813
April	9.0%	0.32	3.87	0.13	1.51	0.00	0.00	35.5	0.32	3.87	1.219
May	12.5%	0.45	5.38	0.14	1.63	0.00	0.00	48.2	0.45	5.38	1.693
June	15.5%	0.56	6.67	0.10	1.22	0.00	0.00	55.9	0.56	6.67	2.099
July	16.0%	0.57	6.88	0.12	1.48	0.00	0.00	61.3	0.57	6.88	2.167
August	13.0%	0.47	5.59	0.12	1.49	0.00	0.00	60.8	0.47	5.59	1.761
September	11.0%	0.39	4.73	0.12	1.46	0.00	0.00	53.6	0.39	4.73	1.490
October	7.5%	0.27	3.23	0.11	1.30	0.00	0.00	43.1	0.27	3.23	1.016
November	4.0%	0.14	1.72	0.11	1.27	0.00	0.00	28.4	0.14	1.72	0.542
December	1.5%	0.05	0.65	0.10	1.19	0.00	0.00	21.7	0.05	0.65	0.203
	100.0%	3.58	43.00	1.36	16.29	-	-		3.58	43.00	13.545

- (1) = Monthly distribution of gross annual evaporation rate in accordance with SEO General Criteria.
- (2) = Monthly precipitation from local weather station adjusted for vertically and horizontally for site.
- (3) = Equal to 0 per State Policy No. 2004-3.
- (4) = Average temperature data from local weather stations adjusted vertically and horizontally for site (PRISM Model).
- (5) = Number of day the average dailey temperature is below freezing (no evaporation occurs).
- (6) = [Column (1) - Column (3)] x Column (5) / No. of Days in Month.
- (7) = Open water surface area (3.78 acres) x Column (6) in feet.

TABLE 3
Blaney Criddle Consumptive Use Calculations
For Turf Grass, Pochop Method
Lot 1 King Ranch

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Month	No. of days	Mean Temp (F)	% of Ann. Daylight Hours	Growth Coeff. K(c)	Elev. Adjusted Growth Coeff.	Temp. Coeff. K(t)	Potential E(t) (in)	Total Precip. (in)	Effective Precip. (in)	Excess Precip. (in)	Net Irr. Req. (in)
April	5	41.0	1.550	0.97	1.042	0.785	0.52	0.25	0.09	0.16	0.43
May	31	48.2	9.995	1.00	1.075	0.808	4.19	1.63	0.92	0.71	3.27
June	30	55.9	10.000	1.10	1.165	0.834	5.43	1.22	0.75	0.47	4.68
July	31	61.3	10.173	1.06	1.123	0.851	5.96	1.48	0.93	0.55	5.03
August	31	60.8	9.547	0.98	1.038	0.850	5.12	1.49	0.89	0.60	4.23
September	30	53.6	8.365	0.97	1.042	0.826	3.86	1.46	0.81	0.64	3.04
October	22	44.4	5.311	0.89	0.956	0.796	1.79	0.92	0.47	0.46	1.33
TOTALS	180		TOTALS			INCHES	26.87	8.45	4.86	3.59	22.02
						FEET	2.24	0.70	0.40	0.30	1.83

NOTE:

Consumptive use calculations are based on the modified Blaney-Criddle Method as outlined by the SCS in their Technical Release No. 21 (TR 21) with turf grass growth stage coefficients and temperature coefficients modified per Pochop, 1984.

COLUMN EXPLANATIONS:

- (1) Total Growing Season (Site Specific)
- (2) Monthly mean Temperature (Site specific)
- (3) Annual daylight Hours for latitude and growing season.
- (4) Calibrated Blaney-Criddle turf growth stage coefficients (Kc) based on the Pochop method.
- (5) Growth stage coefficients with Pochop elevation correction factor.
- (6) Blaney-Criddle temperature coefficients based on the Pochop method.
- (7) Pochop modified Blaney-Criddle Potential Evapotranspiration, cols (2)*(3)*(5)*(6)/100
- (8) Site specific average precipitation
- (9) SCS Technical Release #21, Sept. 1970, Pg. 27
- (10) Precipitation not available for crop growth. Cols (8)-(9).
- (11) Consumptive Use supplied by irrigation or carry over soil moisture, columns (6)-(8).



Resource Engineering, Inc.
 909 Colorado Avenue
 Glenwood Springs, CO 81601
 (970)-945-6777 Voice
 (970)-945-1137 Facsimile

Memorandum

To: BWCD BOARD OF DIRECTORS
From: ERIC MANGEOT *EM*
CC: CHRIS GEIGER
Date: APRIL 16, 2009
File: APPLICATION
Re: FRYING PAN RIVER PARTNERS

(K) 572

Applicant Name: FRYING PAN RIVER PARTNERS

Type of Use: Domestic Commercial
 Industrial Agricultural

Amount: 17.2 AF 0.056 CFS 25 gpm

Location: Area A Area B Inclusion

County: EAGLE Contiguous: No

BWCD Division: 7

Mid Valley Metro District Notice Required? Yes No

Blue Creek Water Rights Applied? Yes No

Comments: This application seeks a water allotment contract to cover depletions associated with 1.1 acres of irrigation and evaporation from the Lot 1 King Ranch Reservoir (including inlet and outlet channel) totaling 3.78 surface acres. The property totals 15.05 acres located in the NW1/4 of Section 7, Township 8 South, Range 85 West of the 6th P.M. approximately 5 miles east of the Town of Basalt adjacent to the Fryingpan River.

Irrigation is anticipated to occur from the Lot 1 King Ranch Reservoir. The Reservoir is located in the NE1/4 NW1/4 of Section 7, Township 8 South, Range 85 West of the 6th P.M. at a point 780 feet South of the North Section Line and 1,340 feet East of the West Section Line.

The property requires inclusion into the District as it is located outside of the Division 7 boundary. A copy of the water requirements table is attached along with a BWCD map showing the location of the property.

Water User :	Fryingpan River Partners
Analysis Date :	April 16, 2009
District Area:	A
Source Series:	4
Maximum Demand:	15 0.033 (GPM) (CFS)

**BASALT WATER CONSERVANCY DISTRICT
WATER REQUIREMENTS
(acre feet)**

Month	Total Demand				Consumptive Use						(13) Delayed Depletions	(14) Source of Aug/Replace		
	(1) Domestic In-house	(2) Reservoir Evap.	(3) Lawn Irrigation	(4) Crop Irrigation	(5) Livestock	(6)* TOTAL	(7) Domestic In-house	(8) Pond Evap.	(9) Lawn Irrigation	(10) Crop Irrigation			(11) Livestock	(12)* TOTAL
January	0.000	0.135	0.000	0.000	0.000	0.149	0.000	0.135	0.000	0.000	0.000	0.149	0.149	GNM
February	0.000	0.406	0.000	0.000	0.000	0.447	0.000	0.406	0.000	0.000	0.000	0.447	0.447	GNM
March	0.000	0.813	0.000	0.000	0.000	0.894	0.000	0.813	0.000	0.000	0.000	0.894	0.894	GNM
April	0.000	1.219	0.049	0.000	0.000	1.395	0.000	1.219	0.040	0.000	0.000	1.384	1.384	GNM
May	0.000	1.693	0.374	0.000	0.000	2.274	0.000	1.693	0.299	0.000	0.000	2.192	2.192	GNM
June	0.000	2.099	0.537	0.000	0.000	2.900	0.000	2.099	0.429	0.000	0.000	2.782	2.782	GNM
July	0.000	2.167	0.577	0.000	0.000	3.018	0.000	2.167	0.461	0.000	0.000	2.891	2.891	GNM
August	0.000	1.761	0.485	0.000	0.000	2.470	0.000	1.761	0.388	0.000	0.000	2.364	2.364	GNM
September	0.000	1.490	0.349	0.000	0.000	2.023	0.000	1.490	0.279	0.000	0.000	1.946	1.946	GNM
October	0.000	1.016	0.152	0.000	0.000	1.285	0.000	1.016	0.122	0.000	0.000	1.251	1.251	GNM
November	0.000	0.542	0.000	0.000	0.000	0.596	0.000	0.542	0.000	0.000	0.000	0.596	0.596	GNM
December	0.000	0.203	0.000	0.000	0.000	0.223	0.000	0.203	0.000	0.000	0.000	0.223	0.223	GNM
TOTALS -->	0.000	13.545	2.523	0.000	0.000	17.675	0.000	13.545	2.018	0.000	0.000	17.120	17.120	

Assumptions

(1)	NUMBER OF RESIDENCES	0	(5)	# of Livestock @ 11 gals/day	0
	# persons/residence	3.5	(7)	% CU for Domestic/Commercial	15
	# gallons/person/day	100	(9)	% Lawn Irrig. Efficiency	80
(2)	Commercial/Other Demand (af)	0.000	(10)	Consumption of Irrig. (af/ac)	1.830
	Pond Evaporation	13.545		% Crop Irrig. Efficiency	80
	Open Water Surface = 3.78 acres.		(9-10)	Consumption of Irrig. (af/ac)	0.000
(3)	Sq. Ft. of Lawn Irrigated	47,916		Elevation (feet)	7020
	Lawn Application Rate (af/ac)	2.288			
(4)	Acres of Crop Irrigated	0.00			
	Crop Application Rate (af/ac)	0.000			

* (6) (12) (13) Total Includes 5% Transit Loss From Ruedi;
10% From Green Mountain Reservoir

TABLE 1
Lot 1 King Ranch
Water Diversions and Depletions
(All Values in Acre-Feet)

Month	DIVERSIONS			DEPLETIONS		
	Irrigation (1)	Evaporation (2)	Total Diversions (3)	Irrigation (4)	Evaporation (5)	Total Depletions (6)
January	0.00	0.14	0.14	0.00	0.14	0.14
February	0.00	0.41	0.41	0.00	0.41	0.41
March	0.00	0.81	0.81	0.00	0.81	0.81
April	0.05	1.22	1.27	0.04	1.22	1.26
May	0.37	1.69	2.07	0.30	1.69	1.99
June	0.54	2.10	2.64	0.43	2.10	2.53
July	0.58	2.17	2.74	0.46	2.17	2.63
August	0.48	1.76	2.25	0.39	1.76	2.15
September	0.35	1.49	1.84	0.28	1.49	1.77
October	0.15	1.02	1.17	0.12	1.02	1.14
November	0.00	0.54	0.54	0.00	0.54	0.54
December	0.00	0.20	0.20	0.00	0.20	0.20
Total	2.52	13.55	16.07	2.02	13.55	15.56

Notes:

- (1) Irrigation of 1.10 Acres and 80% irrigation efficiency
- (2) Evaporation from Reservoir, King Ranch Ditch No. 1, and open water surfaces.
- (3) Column (1) + Column (2)
- (4) Irrigation consumptive use w/ 80% irrigation efficiency. = Column (1) x 0.80
- (5) Evaporation Depletion is 100% consumptive.
- (6) Column (4) + Column (5)

**TABLE 2
EVAPORATION - LOT 1 KING RANCH (7,020 FEET M.S.L.)**

Month	SEO Monthly Distribution	(1) Gross Lake Evaporation		(2) Average Precipitation		(3) Effective Precipitation		Average Temperature (deg. F)	(6) Net Pond Evaporation		Total Pond Evaporation (acre-feet)
		(feet)	(inches)	(feet)	(inches)	(feet)	(inches)		(feet)	(inches)	
January	1.0%	0.04	0.43	0.11	1.26	0.00	0.00	21.2	0.04	0.43	0.135
February	3.0%	0.11	1.29	0.09	1.09	0.00	0.00	25.2	0.11	1.29	0.406
March	6.0%	0.22	2.58	0.12	1.39	0.00	0.00	31.9	0.22	2.58	0.813
April	9.0%	0.32	3.87	0.13	1.51	0.00	0.00	35.5	0.32	3.87	1.219
May	12.5%	0.45	5.38	0.14	1.63	0.00	0.00	48.2	0.45	5.38	1.693
June	15.5%	0.56	6.67	0.10	1.22	0.00	0.00	55.9	0.56	6.67	2.099
July	16.0%	0.57	6.88	0.12	1.48	0.00	0.00	61.3	0.57	6.88	2.167
August	13.0%	0.47	5.59	0.12	1.49	0.00	0.00	60.8	0.47	5.59	1.761
September	11.0%	0.39	4.73	0.12	1.46	0.00	0.00	53.6	0.39	4.73	1.490
October	7.5%	0.27	3.23	0.11	1.30	0.00	0.00	43.1	0.27	3.23	1.016
November	4.0%	0.14	1.72	0.11	1.27	0.00	0.00	28.4	0.14	1.72	0.542
December	1.5%	0.05	0.65	0.10	1.19	0.00	0.00	21.7	0.05	0.65	0.203
	100.0%	3.58	43.00	1.36	16.29	-	-		3.58	43.00	13.545

(1) = Monthly distribution of gross annual evaporation rate in accordance with SEO General Criteria.

(2) = Monthly precipitation from local weather station adjusted for vertically and horizontally for site.

(3) = Equal to 0 per State Policy No. 2004-3.

(4) = Average temperature data from local weather stations adjusted vertically and horizontally for site (PRISM Model).

(5) = Number of day the average dailey temperature is below freezing (no evaporation occurs).

(6) = [Column (1) - Column (3)] x Column (5) / No. of Days in Month.

(7) = Open water surface area (3.78 acres) x Column (6) in feet.

TABLE 3
Blaney Criddle Consumptive Use Calculations
For Turf Grass, Pochop Method
Lot 1 King Ranch

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
		ELEVATION: 7,000 Feet										
Month	No. of days	Mean Temp (F)	% of Ann. Daylight Hours	Growth Coeff. K(c)	Elev. Adjusted Growth Coeff.	Temp. Coeff. K(t)	Potential E(t) (in)	Total Precip. (in)	Effective Precip. (in)	Excess Precip. (in)	Net Irr. Req. (in)	
April	5	41.0	1.550	0.97	1.042	0.785	0.52	0.25	0.09	0.16	0.43	
May	31	48.2	9.995	1.00	1.075	0.808	4.19	1.63	0.92	0.71	3.27	
June	30	55.9	10.000	1.10	1.165	0.834	5.43	1.22	0.75	0.47	4.68	
July	31	61.3	10.173	1.06	1.123	0.851	5.96	1.48	0.93	0.55	5.03	
August	31	60.8	9.547	0.98	1.038	0.850	5.12	1.49	0.89	0.60	4.23	
September	30	53.6	8.365	0.97	1.042	0.826	3.86	1.46	0.81	0.64	3.04	
October	22	44.4	5.311	0.89	0.956	0.796	1.79	0.92	0.47	0.46	1.33	
TOTALS	180		TOTALS			INCHES	26.87	8.45	4.86	3.59	22.02	
						FEET	2.24	0.70	0.40	0.30	1.83	

NOTE:

Consumptive use calculations are based on the modified Blaney-Criddle Method as outlined by the SCS in their Technical Release No. 21 (TR 21) with turf grass growth stage coefficients and temperature coefficients modified per Pochop, 1984.

COLUMN EXPLANATIONS:

- (1) Total Growing Season (Site Specific)
- (2) Monthly mean Temperature (Site specific)
- (3) Annual daylight Hours for latitude and growing season.
- (4) Calibrated Blaney-Criddle turf growth stage coefficients (Kc) based on the Pochop method.
- (5) Growth stage coefficients with Pochop elevation correction factor.
- (6) Blaney-Criddle temperature coefficients based on the Pochop method.
- (7) Pochop modified Blaney-Criddle Potential Evapotranspiration, cols (2)*(3)*(5)*(6)/100
- (8) Site specific average precipitation
- (9) SCS Technical Release #21, Sept. 1970, Pg. 27
- (10) Precipitation not available for crop growth. Cols (8)-(9).
- (11) Consumptive Use supplied by irrigation or carry over soil moisture, columns (6)-(8).

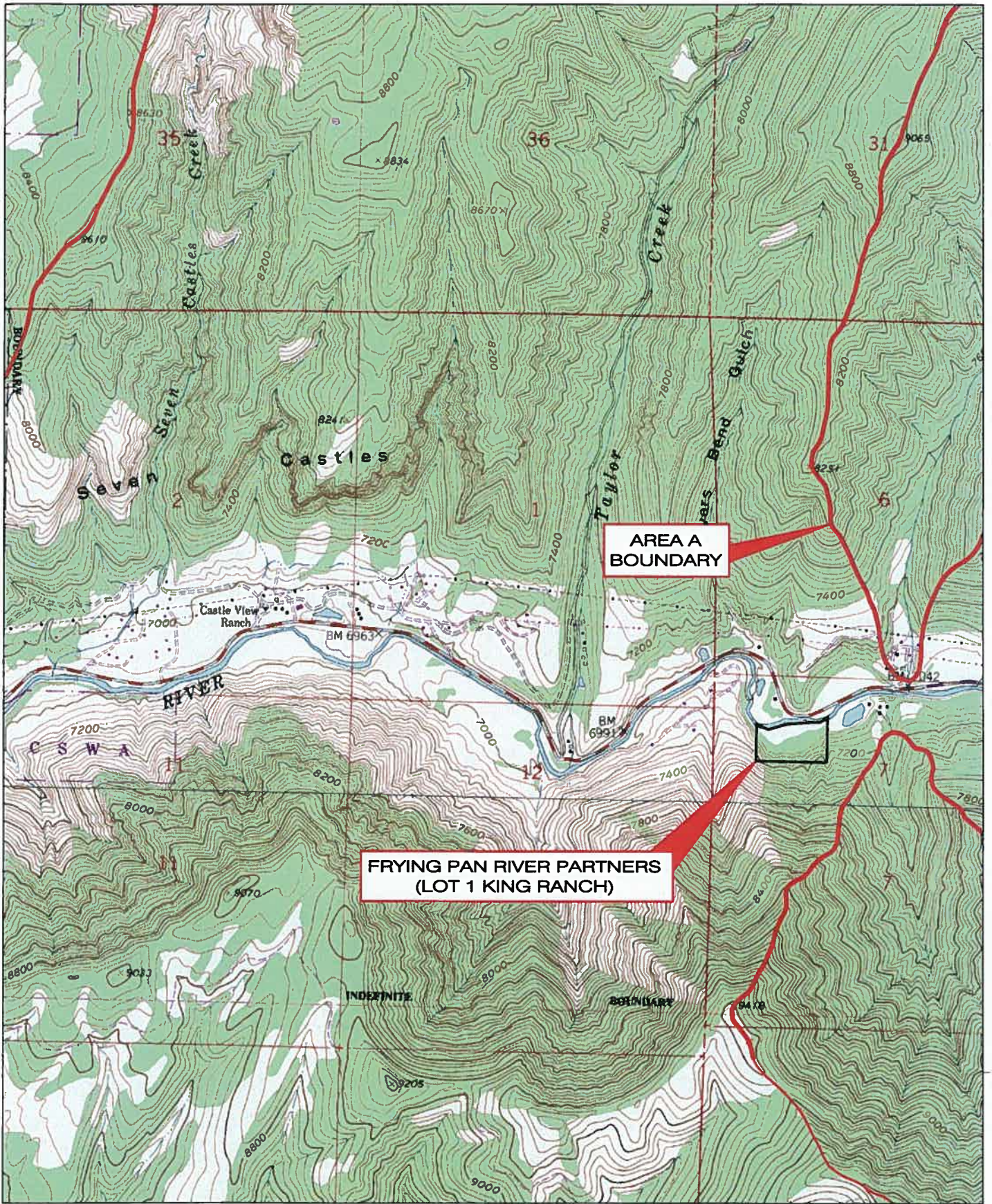
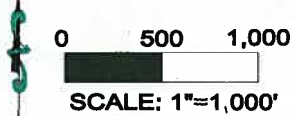


Figure 1: King Ranch Lot 1
Location Map

Basalt Water Conservancy District

File: 033-7.2
Date: 04/15/08



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