RESOURCE
ENGINEERING INC.

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

Memorandum

K 474
I 112

To: BWCD BOARD OF DIRECTORS
From: ERIC MANGEOT
CC: CHRIS GEIGER
Date: SEPTEMBER 7, 2005
File: APPLICATION AND INCLUSION
Re: CALESA FAMILY TRUST

Applicant Name: CALESA FAMILY TRUST

Type of Use: Domestic _X_ Commercial ___
Industrial ___ Agricultural ___

Amount: _9.7_ AF _0.111_ CFS _50_ gpm

Location: Area A _X_ Area B _____ Inclusion _X_.

County: EAGLE Contiguous: NOT

BWCD Division: _7_

Mid Valley Metro District Notice Required? Yes ___ No _X_

Blue Creek Water Rights Applied? Yes ___ No _X_

Comments: This application and inclusion seeks a contract to cover depletions associated with irrigation of 5 acres for two adjacent properties located along the Fryingpan River in Section 8, Township 8 South, Range 85 West of the 6th P.M. The pump is proposed to be installed in the river.

Both properties require inclusion into the District as they are located outside of the Division 7 boundary. The properties are not part of Peachblow PUD inclusion (Contract 188).

A copy of the water requirements table is attached along with a BWCD map showing the location of the properties.

Water User :	Calesa Family Trust	
Analysis Date :	August 31, 2005	
District Area:	A	
Source Series:	5	
Maximum Demand:	50	0.111
	(GPM)	(CFS)

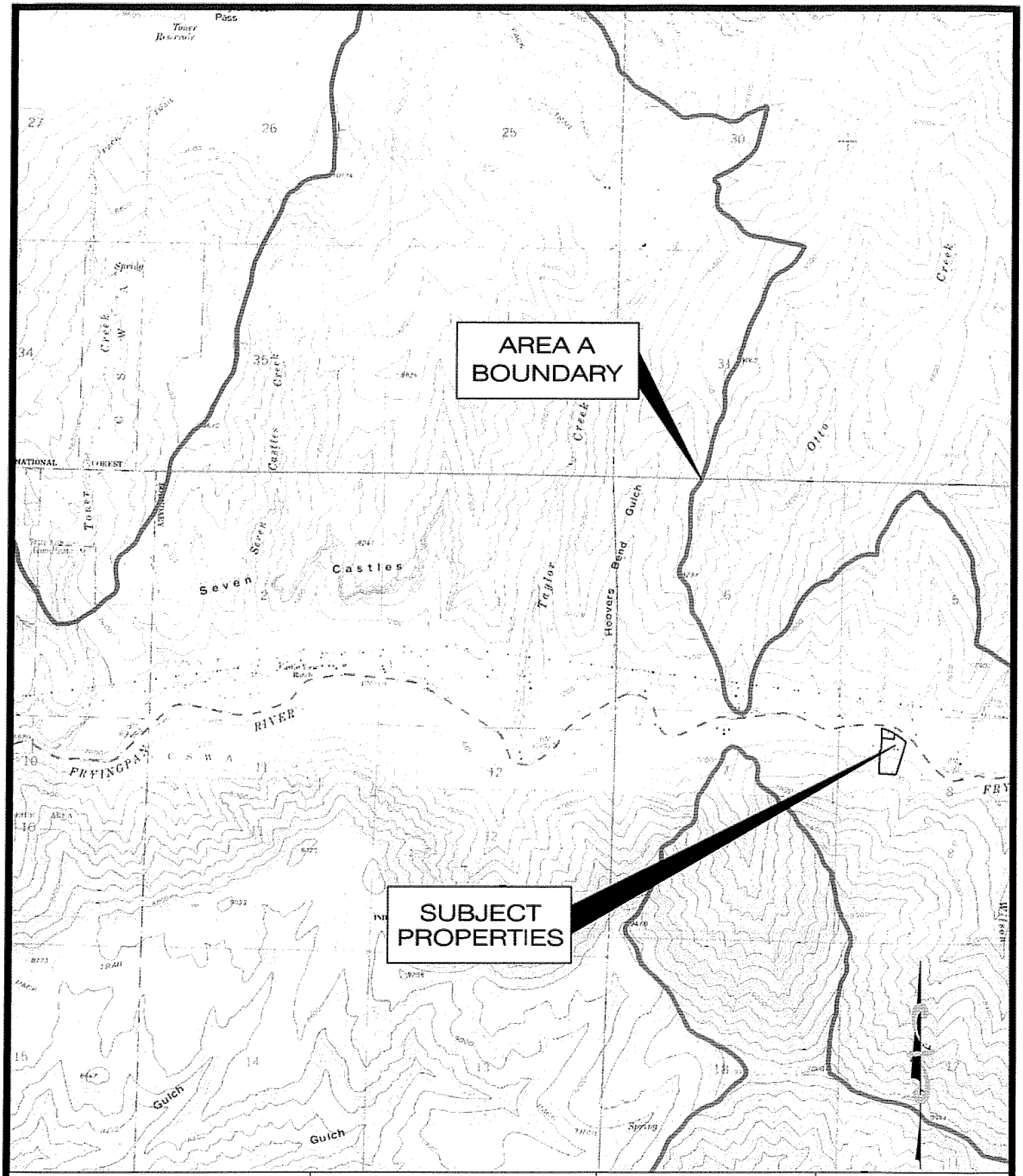
BASALT WATER CONSERVANCY DISTRICT
WATER REQUIREMENTS
(acre feet)

	Total Demand						Consumptive Use						
Month	(1) Domestic In-house	(2) Commercial or Other	(3) Lawn Irrigation	(4) Crop Irrigation	(5) Livestock	(6)* TOTAL	(7) Domestic In-house	(8) Commercial or Other	(9) Lawn Irrigation	(10) Crop Irrigation	(11) Livestock	(12)* TOTAL	(13) Source of Aug/Replace
January	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	GNM
February	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	GNM
March	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	GNM
April	0.000	0.000	0.175	0.000	0.000	0.184	0.000	0.000	0.140	0.000	0.000	0.154	GNM
May	0.000	0.000	2.218	0.000	0.000	2.329	0.000	0.000	1.774	0.000	0.000	1.863	TED
June	0.000	0.000	2.913	0.000	0.000	3.059	0.000	0.000	2.331	0.000	0.000	2.447	TED
July	0.000	0.000	2.721	0.000	0.000	2.857	0.000	0.000	2.177	0.000	0.000	2.286	TED
August	0.000	0.000	1.606	0.000	0.000	1.686	0.000	0.000	1.285	0.000	0.000	1.349	TED
September	0.000	0.000	1.472	0.000	0.000	1.546	0.000	0.000	1.178	0.000	0.000	1.237	TED
October	0.000	0.000	0.347	0.000	0.000	0.364	0.000	0.000	0.278	0.000	0.000	0.305	GNM
November	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	GNM
December	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	GNM
TOTALS -->	0.000	0.000	11.453	0.000	0.000	12.025	0.000	0.000	9.162	0.000	0.000	9.641	

Assumptions

(1)	NUMBER OF RESIDENCES	0		(5)	# of Livestock @ 11 gals/day	0
	# persons/residence	3.5				
	# gallons/person/day	100		(7)	% CU for Domestic/Commercial	15
(2)	Commercial/Other Demand (af)	0.000	Office	(9)	% Lawn Irrig. Efficiency	80
					Consumption of Irrig. (af/ac)	1.838
(3)	Sq. Ft. of Lawn Irrigated	217,800		(10)	% Crop Irrig. Efficiency	80
	Lawn Application Rate (af/ac)	2.297			Consumption of Irrig. (af/ac)	0.000
(4)	Acres of Crop Irrigated	0.00		(9-10)	Elevation (feet)	7100
	Crop Application Rate (af/ac)	0.000				

*(6) (12) Total Includes 5% Transit Loss
10% from Green Mtn.



DATE: 08/26/05	JOB NUMBER: 033-7.2	CHECKED BY: RSF	SCALE: 1"=3000'

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909 COLORADO AVE. ■ GLENWOOD SPRINGS, CO 81601
(970) 945-6777 ■ FAX (970) 945-1137

Calesa Family Trust
Location Map

FIGURE
1

APPLICATION FOR WATER ALLOTMENT CONTRACT
BASALT WATER CONSERVANCY DISTRICT

1. Applicant's Name(s): Calesa Family Trust, u/a/d July 6, 2000

   Applicant's Address: P.O. Box 676174
   Rancho Santa Fe, CA 92067

   Applicant's Telephone No.: (970) 927-1404

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

   Rhonda J. Bazil, P.C.
   632 East Hopkins Avenue
   Aspen, CO 81611
   Tel. (970) 925-7171
   Fax. (970) 925-4668
   rjbazil@sopris.net

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

   Two single family homes

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

   Lot 2, Block 1 and Lot 1, Block 1, Peachblow Subdivision, according to the Plat recorded as Reception No. 111216.

4. Elevation zone of property: _____ 6-7,000 ft., ___X___ 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. not applicable .

6. Has Applicant applied with the Water Court for water rights, change of water rights and/or a water right plan for augmentation? _____ Yes, ___X___ 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
   ___X___ Other: Not Applicable

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 two of this application.
_____ Commercial (office, warehouse, restaurant, bar, retail). Please complete page three of this application.
_____ Industrial (gravel pit, manufacturing). Please complete page three of this application.
__X__ Agricultural (crop irrigation, stock watering). Please complete page four of this application.

Date on which the county or other applicable governmental entities approved the land use for which you seek legal water service: 1969. (Note: Copy of the Resolution of other documentation evidencing such approval should be submitted with application.)

The undersigned acknowledges receipt of the District's form Water Allotment contract and agrees that this Application is made pursuant to the terms and conditions thereof.

CALESA FAMILY TRUST
u/a/d July 6, 2000

By: Edward Calesa
Signature

Aug. 12, 2005
Date

Print name: EDWARD F CALESA

Title: Trustee

Please complete this page if you checked domestic/municipal use on Page 1, 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: _____

Mobile Home(s) Number of Units: _____

Irrigation (lawns, parks, open space)

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

Type of irrigation system (please check)

_____ Sprinkler

_____ Flood (irrigation ditch)

Domestic stock watering (cattle, horses)

Number of animals:

Period of use (months):

Other domestic/municipal uses not listed: