



Resource Engineering, Inc.
 909 Colorado Avenue
 Glenwood Springs, CO 81601
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Memorandum

To: BWCD BOARD OF DIRECTORS
From: ERIC MANGEOT *EM*
CC: CHRIS GEIGER
Date: FEBRUARY 13, 2019
File: APPLICATION AND INCLUSION

Applicant Name: Red Tail, LLC

Type of Use: Domestic Commercial
 Industrial Agricultural

Amount: 1.9 AF 0.033 cfs 15 gpm

Location: Area A Area B Inclusion
 County: PITKIN Contiguous: Yes (To Division Boundary)
 BWCD Division: 6

Mid Valley Metro District Notice Required? Yes No

Blue Creek Water Rights Applied? Yes No

02CW77 Umbrella Plan Water Rights Applied? Yes No **Cost:** \$2,000

This application is to cover depletions associated with in-house use, 4 livestock, and pond evaporation as further described below. Total contract depletions are 1.9 acre-feet as shown on the attached tables.

The property is approximately 131.80 acres and is owned by Red Tail, LLC (Applicant) in Pitkin County, Colorado (Parcel No. 246721400009). The parcel is located in the S1/2 of Section 21 and the N1/2 of Section 28, Township 8 South, Range 86 West of the 6th P.M. The physical address of the property is 26150 Highway 82, Snowmass, Colorado. The property requires inclusion into the District as it is partially located outside of the Division 6 boundary. A BWCD map is also attached showing the location of the property.

The source of supply for the contract is an existing well (Permit No. 100666) located in the SW1/4 SE1/4 of Section 21 Township 8 South, Range 86 West, of the 6th P.M. at a point 100 feet from the South section line and 1,500 feet from the East section line of said Section 8 (UTM NAD83 Z13 – 4355939.5N, 327894.1E). The source of supply to fill the pond (not covered under the contract) is the Red Rock Bluff Ditch and the Etienne Arbaney Ditch. The District contract would be utilized to replace evaporative losses from mid-June through October only. The proposed pond surface areas total 0.77 acres with a total volume of approximately 4.1 acre-feet. The location of the ponds are described below.

- SW1/4 SE1/4 of Section 21 Township 8 South, Range 86 West, of the 6th P.M. at a point 871 feet from the South section line and 1,791 feet from the East section line of said Section 8 (UTM NAD83 Z13 – 4356179N, 327808.9E).

- SW1/4 SE1/4 of Section 21 Township 8 South, Range 86 West, of the 6th P.M. at a point 774 feet from the South section line and 1,396 feet from the East section line of said Section 8 (UTM NAD83 Z13 – 4356146.5N, 327937.3E).

The Applicants will need to obtain –F well permit with the Division of Water Resources if the contract is approved and executed. The Applicants also have irrigation rights in the Red Rock Bluff Ditch and the Etienne Arbaney Ditch.

Water User :	Red Tail, LLC
Analysis Date :	February 13, 2019
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) Evaporation	(3) Domestic Irrigation	(4) Agriculture	(5) Livestock	(6) TOTAL	(7) Domestic In-house	(8) Evaporation	(9) Domestic Irrigation	(10) Agriculture			(11) Livestock	(12) TOTAL
January	0.033	0.000	0.000	0.000	0.004	0.037	0.005	0.000	0.000	0.000	0.004	0.010	0.034	GNM
February	0.030	0.000	0.000	0.000	0.004	0.034	0.005	0.000	0.000	0.000	0.004	0.009	0.034	GNM
March	0.033	0.000	0.000	0.000	0.004	0.037	0.005	0.000	0.000	0.000	0.004	0.010	0.034	GNM
April	0.032	0.000	0.000	0.000	0.004	0.036	0.005	0.000	0.000	0.000	0.004	0.010	0.034	GNM
May	0.033	0.000	0.000	0.000	0.004	0.037	0.005	0.000	0.000	0.000	0.004	0.010	0.034	GNM
June	0.032	0.224	0.000	0.000	0.004	0.260	0.005	0.224	0.000	0.000	0.004	0.256	0.216	GNM
July	0.033	0.462	0.000	0.000	0.004	0.499	0.005	0.462	0.000	0.000	0.004	0.518	0.426	GNM
August	0.033	0.375	0.000	0.000	0.004	0.413	0.005	0.375	0.000	0.000	0.004	0.423	0.386	GNM
September	0.032	0.318	0.000	0.000	0.004	0.364	0.005	0.318	0.000	0.000	0.004	0.359	0.338	GNM
October	0.033	0.217	0.000	0.000	0.004	0.254	0.005	0.217	0.000	0.000	0.004	0.248	0.245	GNM
November	0.032	0.000	0.000	0.000	0.004	0.036	0.005	0.000	0.000	0.000	0.004	0.010	0.061	GNM
December	0.033	0.000	0.000	0.000	0.004	0.037	0.005	0.000	0.000	0.000	0.004	0.010	0.034	GNM
TOTALS -->	0.392	1.595	0.000	0.000	0.049	2.037	0.059	1.595	0.000	0.000	0.049	1.874	1.874	

Area A-3
Permit No. 100666
Roaring Fork River
Individual Glover

(1)	Assumptions				(5)	(7)	(9)	(10)
	NUMBER OF RESIDENCES	# persons/residence	# gallons/person/day	# of Livestock @ 11 gals/day				
(1)	1	3.5	100	0	4	15	80	80
(2)	Commercial/Other Demand (af)	0.000	Office				0.000	0.000
(3)	Pond Evaporation mid-June through October only	1.595	AF					
(4)	Sq. Ft. of Lawn Irrigated	0					80	80
(5)	Lawn Application Rate (af/ac)	0.000					0.000	0.000
(6)	Acres of Crop Irrigated	0.00					7000	7000
(7)	Crop Application Rate (af/ac)	0.000						

* (12), (13)
Total Includes 5% Transit Loss
10% from Green Mtn.

**TABLE 1 - Red Tail, LLC
EVAPORATION CALCULATION - >6,500 FEET**

Month	SEO Monthly Distribution	(1) Gross Lake Evaporation		(2) Average Precipitation		(3) Effective Precipitation		(4) Net Evaporation		(5) Total Evaporation
		(feet)	(inches)	(feet)	(inches)	(feet)	(inches)	(feet)	(inches)	(acre-feet)
January	1.0%	0.04	0.45	0.07	0.84	0.00	0.00	0.04	0.45	0.029
February	3.0%	0.11	1.35	0.07	0.79	0.00	0.00	0.11	1.35	0.087
March	6.0%	0.23	2.70	0.05	0.58	0.00	0.00	0.23	2.70	0.173
April	9.0%	0.34	4.05	0.11	1.35	0.00	0.00	0.34	4.05	0.260
May	12.5%	0.47	5.63	0.09	1.02	0.00	0.00	0.47	5.63	0.361
June	15.5%	0.58	6.98	0.14	1.73	0.00	0.00	0.58	6.98	0.448
July	16.0%	0.60	7.20	0.10	1.14	0.00	0.00	0.60	7.20	0.462
August	13.0%	0.49	5.85	0.17	1.99	0.00	0.00	0.49	5.85	0.375
September	11.0%	0.41	4.95	0.16	1.96	0.00	0.00	0.41	4.95	0.318
October	7.5%	0.28	3.38	0.13	1.57	0.00	0.00	0.28	3.38	0.217
November	4.0%	0.15	1.80	0.07	0.80	0.00	0.00	0.15	1.80	0.116
December	1.5%	0.06	0.68	0.11	1.32	0.00	0.00	0.06	0.68	0.043
	100.0%	3.75	45.00	1.26	15.09	0.00	0.00	3.75	45.00	2.888

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

(2) = Monthly precipitation from local weather station.

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

(4) = Net Evaporation = Column (1) - Column (3)

(5) = Column (4) x Open Water Surface Area (tbd acres) x Column (4) in feet.

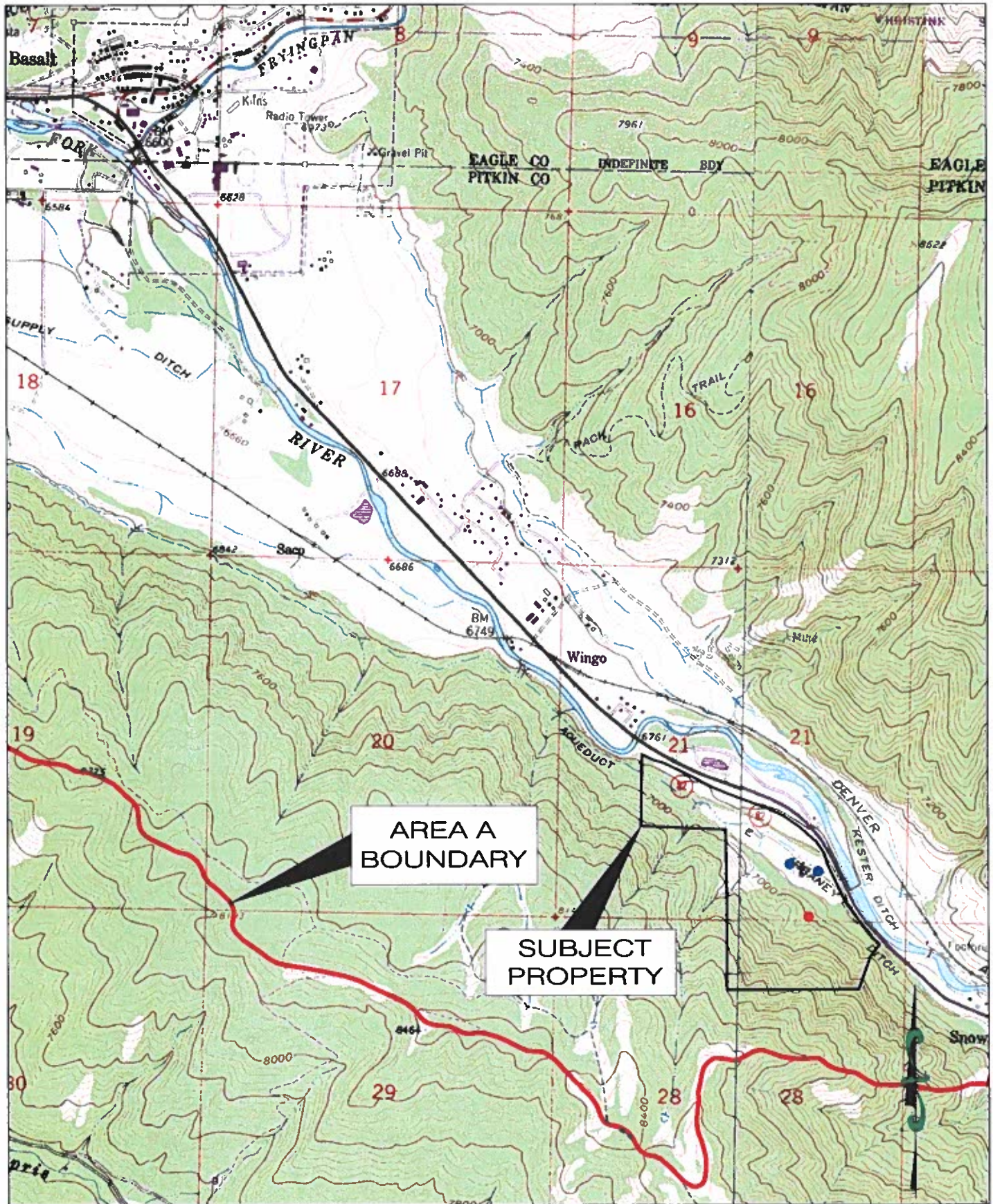


Figure 1: Red Tail, LLC

File: 033-7.2
Date: 02/13/2019

Basalt Water Conservancy District



Scale: 1"=2,000'

RESOURCE ENGINEERING, INC.

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

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

1. Applicant(s) Contact Information

a. Name: **Red Tail LLC**

b. Mailing Address:

**2801 Youngfield St, Suite 310
Golden, CO 80401**

c. Street Address:

**26150 Highway 82
Snowmass, CO 81654**

d. Telephone Numbers: **(970) 379-4395**

e. Email Address: **andrewcorinscott@gmail.com**

f. If Applicant is represented by an Attorney, please provide the Attorney's contact information, including name, address, telephone, and email:

**Paul Noto, Esq. (noto@waterlaw.com)
John Sittler, Esq. (sittler@waterlaw.com)
Patrick, Miller & Noto, P.C.
229 Midland Ave.
Basalt, CO 81621
(970) 920-1030**

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

Andrew Scott, contact information above.

Northing: 4356179

Easting: 327808.9

 Zone 12 / X Zone 13.

If diversion point is a well, please provide the Well Permit No. N/A.

Name of Diversion _____.

Type of Diversion Pond (e.g., a well, spring, ditch, pipeline, etc.)

Legal Description: SW Quarter, SE Quarter, Section 21, Township 8S N / S, Range 86W E / W, of the 6th Principal Meridian, at a location 774 feet from the S Section line and 1396 feet from the E Section line.

UTM Coordinates (NAD 83):

Northing: 4356146.5

Easting: 327937.3

 Zone 12 / X Zone 13.

If diversion point is a well, please provide the Well Permit No. N/A.

Name of Diversion _____.

Type of Diversion Well (e.g., a well, spring, ditch, pipeline, etc.)

Legal Description: SW Quarter, SE Quarter, Section 21, Township 8S N / S, Range 86W E / W, of the 6th Principal Meridian, at a location 100 feet from the S Section line and 1500 feet from the E Section line.

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

Date on which the county or other applicable governmental entities approved the land use for which you seek legal water service: _____. (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?

3.0 cfs in the Red Rock Bluff Ditch, 2.91 cfs in the Etienne Arbaney Ditch, and Bauman Well (Well Permit No. 100666).

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

N/A.

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

DOMESTIC/MUNICIPAL WATER USES

In-House

Single family residential home(s)	Number of Units: <u>1</u>
Duplex(s)	Number of Units: _____
Condominium(s)	Number of Units: _____
Apartment(s)	Number of Units/Rooms: _____
Mobile Home(s)	Number of Units: _____

Irrigation (lawns, parks, open space)

Total area to be irrigated N/A Sq. Ft. or _____ Acres

Type of irrigation system (please check)

_____ Sprinkler

_____ Flood (irrigation ditch)

Domestic stock watering (cattle, horses)

Number of animals: N/A

Other domestic/municipal uses not listed:

This application is only to cover evaporation from the two ponds. Pond 1 has a surface area of 0.4 acres and a volume of 2.5 acre-feet. Pond 2 has a surface area of 0.37 acres and a volume of 1.6 acre-feet. The well (Permit No. 100666) will be used as the source of supply for the evaporative losses of the two ponds to top

off the ponds only when the other sources are out-of-priority. The application does not seek to augment the other decreed uses of the well (domestic).

VERIFICATION

STATE OF Colorado)
) ss.
COUNTY OF Eagle)

I, Paul Noto (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: 8/15/18 By: Paul Noto
Print Name: PAUL NOTO
Title: ATTORNEY FOR APPLICANT

Subscribed and sworn before me this 15th day of August, 2018
by Paul Noto.

Witness my hand and seal.
HANNAH'S MINK
NOTARY PUBLIC - STATE OF COLORADO
My Identification # 20154023960
Expires June 18, 2019

Hannah Mink
Notary Public

My commission expires:

June 18, 2019