

Memorandum

To: BWCD BOARD OF DIRECTORS
From: ERIC MANGEOT *EM*
CC: CHRIS GEIGER
Date: JUNE 25, 2008
File: APPLICATION
Re: KRIS COX

Applicant Name: KRIS COX

Type of Use: Domestic Commercial
Industrial Agricultural

Amount: 0.6 AF 0.033 CFS 15 gpm

Location: Area A Area B Inclusion

County: PITKIN Contiguous:

BWCD Division: 7

Mid Valley Metro District Notice Required?: Yes No

Blue Creek Water Rights Applied? Yes No

Comments: This application seeks a contract to cover depletions associated with a single family residence and 10,890 square feet (1/4 acre) of irrigation including lawn and landscape areas from a proposed well. Total depletions will be approximately 0.6 AF as calculated by Resource Engineering, Inc.

The property is approximately 5.62 acres located northeast of Wingo Junction as shown of Figure 1. The physical address of the property is 190 Hoagland Ranch Road, Basalt. Based on the property location, it is within the BWCD Division 7 Boundary.

The property is currently served by the Holland Hills Metro District. Due to high

Mr. Chris Geiger
BWCD Application – Cox
June 25, 2008

assessments, the Applicant wishes no longer to be served by the Holland Hills Metro District and drill his own well. The well is proposed to be located in the NW1/4 NW1/4 Section 21, Township 8 South, Range 86 West, of the 6th P.M. 75 feet from the north section line and 1140 feet from the west section line.

The Applicant has contacted the Division of Water Resources, they indicated that a well permit would be issued with an approved Basalt Water Conservancy District water allotment contract.

Water User :	Kris Cox
Analysis Date :	June 25, 2008
District Area :	A
Source Series:	4
Maximum Demand:	15
	(GPM)
	0.033
	(CFS)

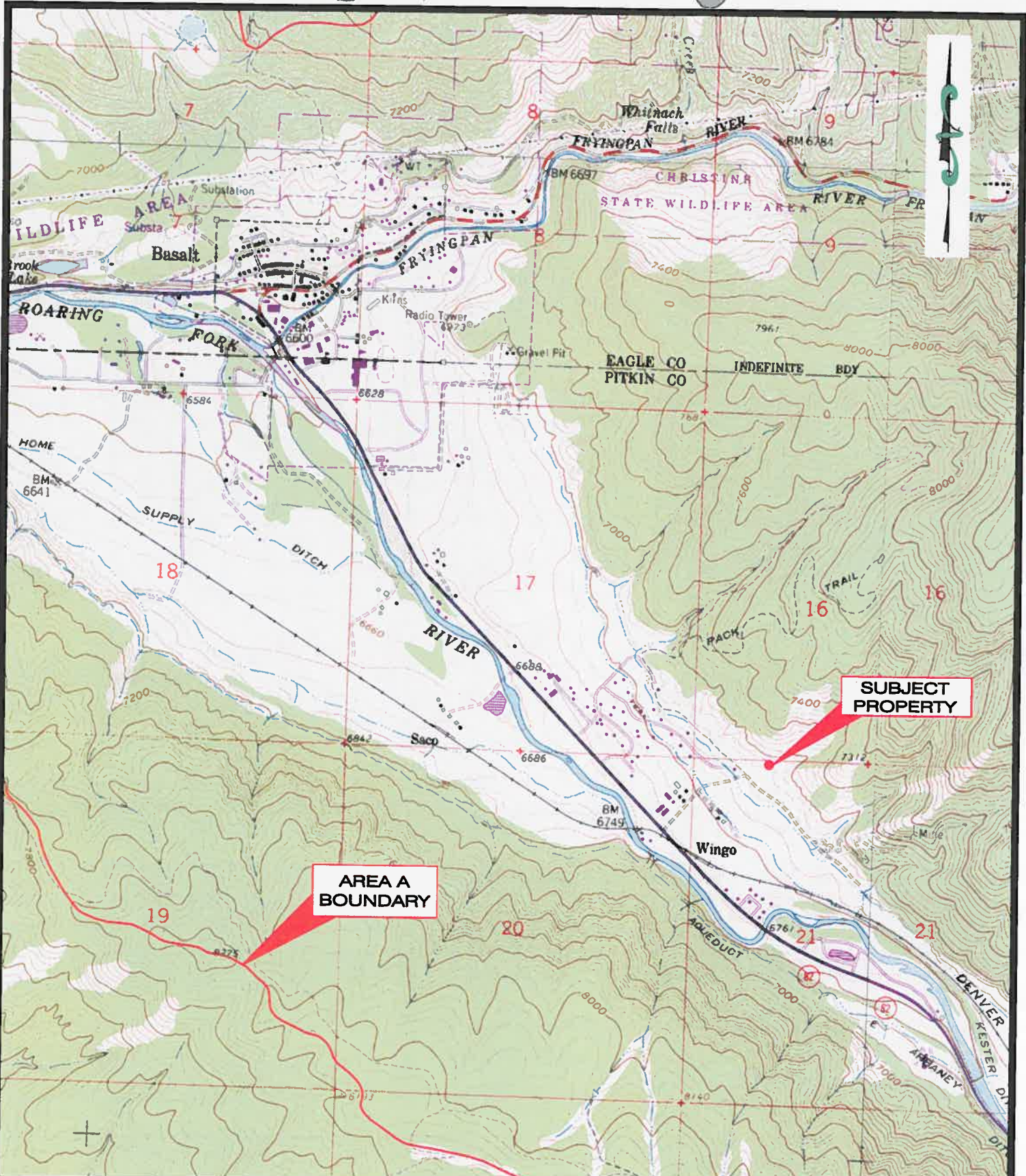
**BASALT WATER CONSERVANCY DISTRICT
WATER REQUIREMENTS**
(acre feet)
Contract 560

Month	Total Demand				Consumptive Use				(13)* Delayed Depletions	(14) Source of Aug/Replace				
	(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
January	0.033	0.000	0.000	0.000	0.000	0.037	0.005	0.000	0.000	0.000	0.000	0.005	0.051	GNM
February	0.030	0.000	0.000	0.000	0.000	0.033	0.005	0.000	0.000	0.000	0.000	0.005	0.050	GNM
March	0.033	0.000	0.000	0.000	0.000	0.033	0.005	0.000	0.000	0.000	0.000	0.005	0.049	GNM
April	0.032	0.000	0.015	0.000	0.000	0.052	0.005	0.000	0.000	0.000	0.000	0.019	0.049	GNM
May	0.033	0.000	0.116	0.000	0.000	0.164	0.005	0.000	0.000	0.000	0.000	0.107	0.048	GNM
June	0.032	0.000	0.148	0.000	0.000	0.199	0.005	0.000	0.000	0.000	0.000	0.136	0.048	GNM
July	0.033	0.000	0.140	0.000	0.000	0.191	0.005	0.000	0.000	0.000	0.000	0.129	0.048	GNM
August	0.033	0.000	0.084	0.000	0.000	0.129	0.005	0.000	0.000	0.000	0.000	0.079	0.048	GNM
September	0.032	0.000	0.077	0.000	0.000	0.120	0.005	0.000	0.000	0.000	0.000	0.073	0.049	GNM
October	0.033	0.000	0.022	0.000	0.000	0.061	0.005	0.000	0.000	0.000	0.000	0.025	0.051	GNM
November	0.032	0.000	0.000	0.000	0.000	0.035	0.005	0.000	0.000	0.000	0.000	0.005	0.052	GNM
December	0.033	0.000	0.000	0.000	0.000	0.037	0.005	0.000	0.000	0.000	0.000	0.005	0.052	GNM
TOTALS-->	0.392	0.000	0.602	0.000	0.000	1.094	0.059	0.000	0.482	0.000	0.000	0.595	0.595	

Area A-3
Well Type D
Roaring Fork River
Permit No. 68349-F

Assumptions		(5)	(7)	(9)	(10)	(9-10)
(1)	NUMBER OF RESIDENCES	1	# of Livestock @ 11 gals/day	0		
	# persons/residence	3.5	% CU for Domestic/Commercial	15		
	# gallons/person/day	100	% Lawn Irrig. Efficiency	80		
(2)	Commercial/Other Demand (af)	0.000	Consumption of Irrig. (af/ac)	1.942		
(3)	Sq. Ft. of Lawn Irrigated	10,890	% Crop Irrig. Efficiency	80		
	Lawn Application Rate (af/ac)	2.428	Consumption of Irrig. (af/ac)	0.000		
(4)	Acres of Crop Irrigated	0.00	Elevation (feet)	6720		
	Crop Application Rate (af/ac)	0.000				

* (6), (12), (13) Total Includes 5% Transit Loss
10% from Green Mtn.



DATE: JUNE 25, 2008

JOB NUMBER: 033-7.2

CHECKED BY: RSF

SCALE: 1"=2000'

RESOURCE
ENGINEERING, INC.
909 COLORADO AVE. ■ GLENWOOD SPRINGS, CO 81601
(970) 945-5777 ■ FAX (970) 945-1137

KRIS COX
Location Map

FIGURE
1