


Memorandum

To: BWCD BOARD OF DIRECTORS
From: ERIC MANGEOT 
CC: CHRIS GEIGER
Date: MAY 29, 2007
File: APPLICATION
Re: DAVID SOLOMON AND MARY SOLOMON

Applicant Name: David Solomon and Mary Solomon

Type of Use: Domestic Commercial
Industrial Agricultural

Amount: 3.8 AF 0.089 CFS 40 gpm

Location: Area A Area B Inclusion

County: PITKIN Contiguous: No

BWCD Division: 7

Mid Valley Metro District Notice Required?: Yes No

Blue Creek Water Rights Applied? Yes No

Comments: This application requests the use of District water to offset depletions associated with a single family dwelling, 2 acres of irrigation (both temporary and permanent), 1,500 square feet of evaporation, and 4 horses for Lot 1 (Parcel ID 264335403001) of the Stein Lot Split Subdivision in Pitkin County, Colorado located east of Sardy Field. Lot 1 is approximately 45.6 acres.

Based on the property location, it is projected to be included in BWCD Division 7. While Lot 1 is located both in Area A and Area B, all of the contract water is proposed to be diverted and depleted within Area A. The proposed point of diversion is an existing exempt well (Permit No. 272034) is located in Area A. Lot 1 is currently considered vacant with house construction underway on the property.

Mr. Chris Geiger
BWCD Application – Solomon
May 29, 2007

The Applicant has been informed that they must convert their existing well permit to a “-F” permit with the State and reference the BWCD contract if the application is approved. A copy of the water requirements table is attached along with a Property Location Map showing the location of the property.

Water User :	Solomon
Analysis Date :	May 29, 2007
District Area:	A
Source Series:	4
Maximum Demand:	40 0.089 (GPM) (CFS)

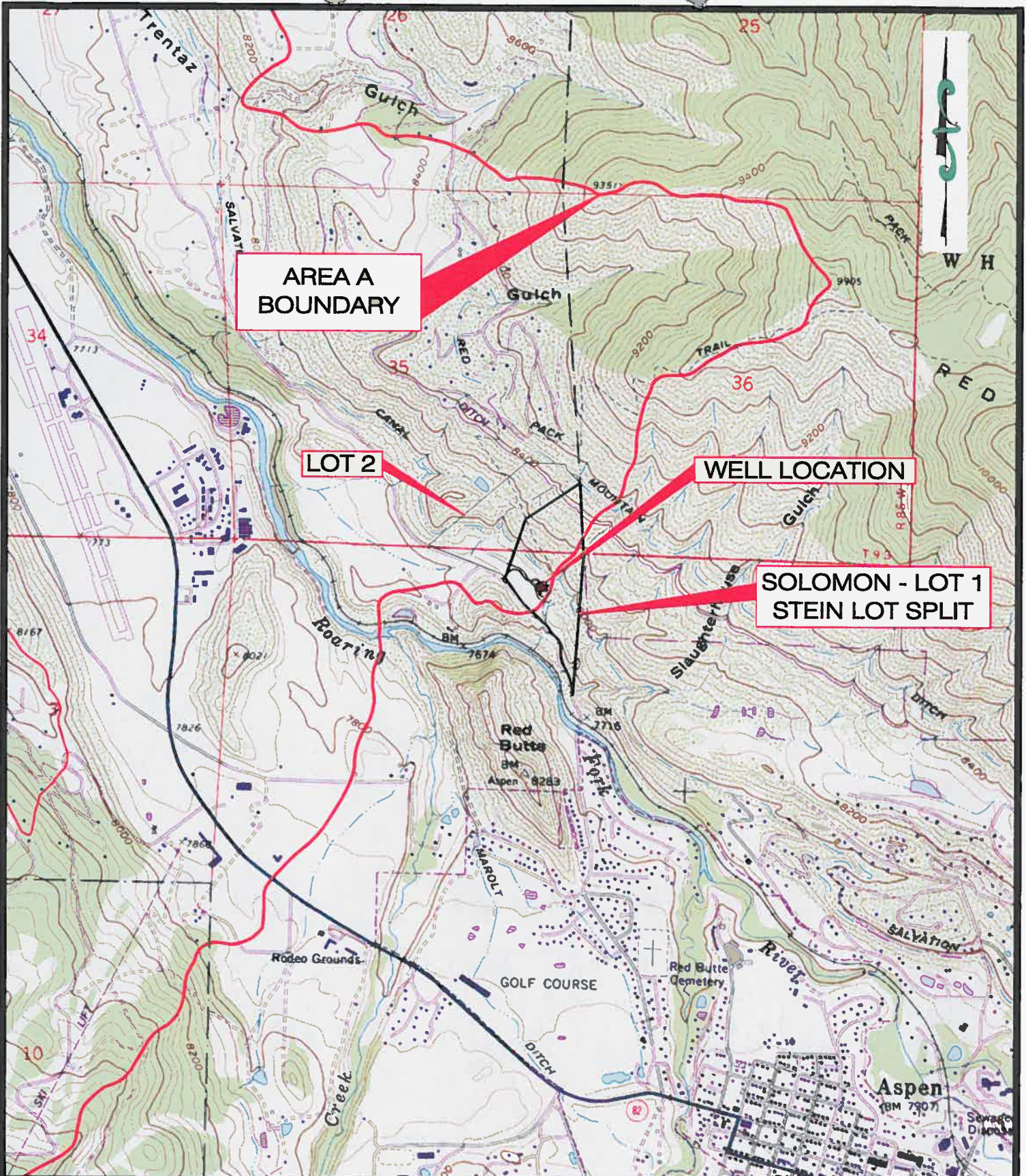
**BASALT WATER CONSERVANCY DISTRICT
WATER REQUIREMENTS
(acre feet)
Contract 516**

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	0.001	0.000	0.000	0.004	0.041	0.005	0.001	0.000	0.000	0.004	0.011	0.320	GNM
February	0.030	0.003	0.000	0.000	0.004	0.039	0.005	0.003	0.000	0.000	0.004	0.013	0.316	GNM
March	0.033	0.007	0.000	0.000	0.004	0.046	0.005	0.007	0.000	0.000	0.004	0.017	0.312	GNM
April	0.032	0.010	0.000	0.000	0.004	0.049	0.005	0.010	0.000	0.000	0.004	0.021	0.309	GNM
May	0.033	0.014	0.714	0.000	0.004	0.804	0.005	0.014	0.571	0.000	0.004	0.654	0.305	GNM
June	0.032	0.017	1.101	0.000	0.004	1.213	0.005	0.017	0.881	0.000	0.004	0.998	0.301	GNM
July	0.033	0.018	1.009	0.000	0.004	1.118	0.005	0.018	0.807	0.000	0.004	0.918	0.305	GNM
August	0.033	0.015	0.578	0.000	0.004	0.662	0.005	0.015	0.463	0.000	0.004	0.535	0.305	GNM
September	0.032	0.012	0.533	0.000	0.004	0.610	0.005	0.012	0.426	0.000	0.004	0.492	0.312	GNM
October	0.033	0.008	0.066	0.000	0.004	0.118	0.005	0.008	0.053	0.000	0.004	0.078	0.320	GNM
November	0.032	0.004	0.000	0.000	0.004	0.043	0.005	0.004	0.000	0.000	0.004	0.015	0.327	GNM
December	0.033	0.002	0.000	0.000	0.004	0.041	0.005	0.002	0.000	0.000	0.004	0.012	0.331	GNM
TOTALS →	0.392	0.112	4.002	0.000	0.049	4.783	0.059	0.112	3.201	0.000	0.049	3.764	3.764	

Assumptions

(1)	NUMBER OF RESIDENCES		(5)	# of Livestock @ 11 gals/day	Area A-3 Well Type D Permit No. 66640-F Roaring Fork River
	# persons/residence	# gallons/person/day			
(2)	Commercial/Other Demand (af) Evaporation	Sq. Ft.	(7)	% CU for Domestic/Commercial	
(3)	Sq. Ft. of Lawn Irrigated Lawn Application Rate (af/ac)	87.120 2.015	(9)	% Lawn Irrig. Efficiency Consumption of Irrig. (af/ac)	80 1.612
(4)	Acres of Crop Irrigated Crop Application Rate (af/ac)	0.00 0.000	(10)	% Crop Irrig. Efficiency Consumption of Irrig. (af/ac)	80 0.000
			(9-10)	Elevation (feet)	7920

* (6) (12) (13) Total Includes 5% Transit Loss
10% for Green Mountain



DATE: 05/09/07

JOB NUMBER: 033-7.2

CHECKED BY: EFM

SCALE: 1"=2000'

RESOURCE
ENGINEERING, INC.
909 COLORADO AVE. ■ GLENWOOD SPRINGS, CO 81601
(970) 945-8777 ■ FAX (970) 945-1137

David Solomon and Mary Solomon
Lot 1: Stein Lot Split Location Map

FIGURE
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