




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

# Memorandum

**To:** BWCD BOARD OF DIRECTORS  
**From:** ERIC MANGEOT   
**CC:** CHRIS GEIGER  
**Date:** NOVEMBER 3, 2023  
**File:** AMENDMENT – CONTRCT 789

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**Applicant Name:** Gregory H. Otto

**Type of Use:** Domestic   X   Commercial         
Industrial        Agricultural       

**Amount:**   0.5   AF   0.033   cfs   15   gpm

**Location:** Area A   A-4   Area B        Inclusion         
County:   EAGLE   Contiguous:         
BWCD Division:   6  

**Mid Valley Metro District Notice Required?** Yes        No   X  

**Blue Creek Water Rights Applied?** Yes        No   X  

**02CW77 Umbrella Plan Water Rights Applied?** Yes   X   No        **Cost:**  \$2,250  (previously paid)

This amendment is to cover depletions associated with Lot 3A of the Gabossi Subdivision in Eagle County (Parcel ID 2391-334-02-008). This contract previously also covered Lot 3B and the owner of the property is entering into a new contract with the District. This amendment removes the uses associated with Lot 3B. The property is located in the SW1/4 SE1/4 of Section 33, Township 7 South, Range 87 West, of the 6<sup>th</sup> P.M. east of the Town of Carbondale as shown on **Figure 1** (attached). The physical address of the property is 128 Ronce Lane.

The depletions are as follows:

- 1) Domestic In-House Use – One single family dwelling and One accessory dwelling unit (ADU);
- 2) Lawn and Landscape Irrigation – Up to 5,000 square feet of irrigation; and
- 3) Stock Watering – up to 2 animals.

Applicant also owns irrigation rights in the Patterson Cummins Ditch. Total depletions are estimated at 0.5 acre-feet as shown on the attached calculation sheet. Diversions associated with this contract will be from the Otto Well No. 1 (Permit No. 87207-F) and is located in the SW1/4 SE1/4, of Section 33, Township 7 South, Range 87 West of the 6<sup>th</sup> P.M. at a point approximately 498 feet from the south section line and 2,033 feet from the east section line (UTM NAD 83 Z13: 4362961m N, 318139m E).

Water User :	Greg Otto
Analysis Date :	November 3, 2023
District Area:	A
Source Series:	4
Maximum Demand:	15      0.033
	(GPM)      (CFS)

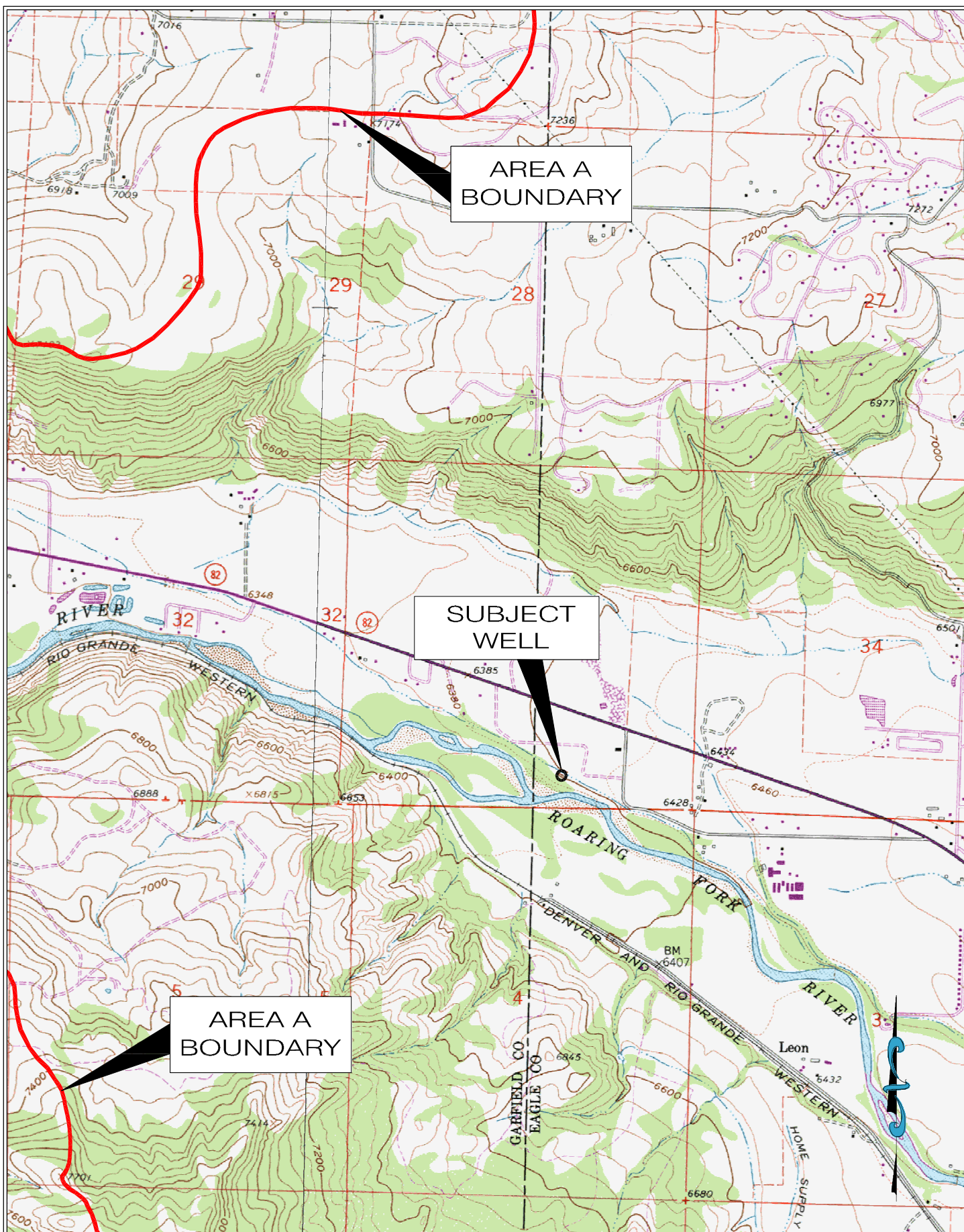
BASALT WATER CONSERVANCY DISTRICT  
 WATER REQUIREMENTS  
 (acre feet)  
**Contract 789 Amendment**

Month	Total Demand						Consumptive Use						(13)* Delayed Depletions	(14) Source of Aug/Replace
	(1) Domestic In-house	(2) Pond 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	0.067	0.000	0.000	0.000	0.002	0.069	0.010	0.000	0.000	0.000	0.002	0.013	0.024	GNM
February	0.060	0.000	0.000	0.000	0.002	0.062	0.009	0.000	0.000	0.000	0.002	0.012	0.024	GNM
March	0.067	0.000	0.000	0.000	0.002	0.069	0.010	0.000	0.000	0.000	0.002	0.013	0.024	GNM
April	0.064	0.000	0.010	0.000	0.002	0.076	0.010	0.000	0.008	0.000	0.002	0.022	0.026	GNM
May	0.067	0.000	0.055	0.000	0.002	0.124	0.010	0.000	0.044	0.000	0.002	0.062	0.045	GNM
June	0.064	0.000	0.069	0.000	0.002	0.135	0.010	0.000	0.055	0.000	0.002	0.074	0.055	GNM
July	0.067	0.000	0.066	0.000	0.002	0.134	0.010	0.000	0.052	0.000	0.002	0.072	0.055	GNM
August	0.067	0.000	0.040	0.000	0.002	0.108	0.010	0.000	0.032	0.000	0.002	0.049	0.045	GNM
September	0.064	0.000	0.036	0.000	0.002	0.103	0.010	0.000	0.029	0.000	0.002	0.045	0.041	GNM
October	0.067	0.000	0.012	0.000	0.002	0.081	0.010	0.000	0.010	0.000	0.002	0.024	0.029	GNM
November	0.064	0.000	0.000	0.000	0.002	0.066	0.010	0.000	0.000	0.000	0.002	0.013	0.024	GNM
December	0.067	0.000	0.000	0.000	0.002	0.069	0.010	0.000	0.000	0.000	0.002	0.013	0.024	GNM
TOTALS -->	0.784	0.000	0.287	0.000	0.025	1.096	0.118	0.000	0.230	0.000	0.025	0.413	0.413	

Assumptions					
(1)	NUMBER OF RESIDENCES	2	(5)	# of Livestock @ 11 gals/day	2
	# 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)	2.001
(3)	Sq. Ft. of Lawn Irrigated	5,000	(10)	% Crop Irrig. Efficiency	80
	Lawn Application Rate (af/ac)	2.501		Consumption of Irrig. (af/ac)	0.000
(4)	Acres of Crop Irrigated	0.00	(9-10)	Elevation (feet)	6424
	Crop Application Rate (af/ac)	0.000			

Area A-4  
 Roaring Fork River  
 Permit No. 87207-F  
 Type A Well

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



**Figure 1: Greg Otto**

Water Allotment Contract 789 Amendment  
Basalt Water Conservancy District

APPLICATION FOR WATER ALLOTMENT CONTRACT  
BASALT WATER CONSERVANCY DISTRICT

1. Applicant(s) Contact Information

- a. Name: Greg H. Otto
- b. Mailing Address: 998 Valley Road  
Carbondale, CO 81623
- c. Street Address: 128 Ronce Lane  
Carbondale, CO 81623
- d. Telephone Numbers: 970.261.0876
- e. Email Address: greghotto@gmail.com
- f. If Applicant is represented by an Attorney, please provide the Attorney's contact information, including name, address, telephone, and email:

NA

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

Bob Bailey  
Box 22  
Carbondale, CO 81623

- h. Contact Information of property manager, caretaker, irrigator, system operator, or agent who should be provided a copy of this contract, including name, address, telephone, and email:

NA

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

single family home

Basalt Water Conservancy District  
Water Allotment Application  
Page 2

3. Legal description and address of property on which District's water rights and/or contract water will be used (attach map and vesting deed with proof of ownership)\*: See attached deed

4. Elevation 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):

Name of Diversion Old well 1

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

Legal Description: SW Quarter, SE Quarter, Section 33 Township 7S  
N / S, Range 87 E / W, of the 6<sup>th</sup> Principal Meridian, at a location  
300 feet from the S Section line and 1,920 feet  
from the E Section line.

UTM Coordinates (NAD 83):

Northing: 4362961

Easting: 318139

\_\_\_\_\_ Zone 12 / ✓ Zone 13.

If diversion point is a well, please provide the Well Permit No. 87207-F

Is the well operational/active? ✓ Yes, \_\_\_\_\_ No

Is there currently an operating well meter? \_\_\_\_\_ Yes, ✓ No

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

6. Legal Water Supply: (please check one)

☒ Applicant requests consideration by the District to be included in the District's Umbrella Plan for Augmentation decreed in Case No. 02CW77.\*

\*Note: Certain applicants may qualify to be included in the District's Umbrella Plan at the District's discretion. In order to be included in the District's Umbrella Plan, the Applicant's depletions must occur within the District's defined "Area A" and the Applicant must reimburse the District its *pro rata* share of the District's expenses in obtaining the Umbrella Plan decree. Costs of reimbursement range from \$1,200 for contractees with less than 2 units (EQRs) to \$3,000 for more than 8 EQRs.

☐ Applicant will obtain its own plan for augmentation by applying to the Water Court, Water Division 5 within 2 years of this application. If Applicant has already applied for its own change/approval of plan for augmentation, the Water Court Case Number is: \_\_\_\_\_.

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

- ☒ Tap to central waste water treatment facility  
☒ Septic tank/leachfield system  
☐ Evapotranspiration system  
☐ Other: \_\_\_\_\_

8. Proposed use of water (please check)

- ☒ 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: 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?

Patterson Cummins Ditch

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

No

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: 1+1 ADU

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 5000 Sq. Ft. or \_\_\_\_\_ Acres

Type of irrigation system (please check)

☒ Sprinkler

☐ Flood (irrigation ditch)

Domestic stock watering (cattle, horses)

Number of animals: 2

Period of use (months): 12

Other domestic/municipal uses not listed:

Please complete this page if you selected commercial use on Page 3, No. 8

### COMMERCIAL WATER USES

#### In-House

Hotel: \_\_\_\_\_

Office(s), square footage: \_\_\_\_\_

Warehouse/distributor, square footage: \_\_\_\_\_

Retail, square footage: \_\_\_\_\_

Restaurant, number of seats: \_\_\_\_\_

Bar, number of seats: \_\_\_\_\_

#### Irrigation (lawns, parks, open space)

Total area to be irrigated \_\_\_\_\_ Sq. Ft. or \_\_\_\_\_ Acres

Type of irrigation system (please check)

\_\_\_\_\_ Sprinkler

\_\_\_\_\_ Flood (irrigation ditch)

Other Commercial Uses Not Listed:

Please complete this page if you selected industrial use on Page 3, No. 8

### INDUSTRIAL WATER USES

Please describe your industrial development in some detail:

Irrigation (lawns, parks, open space)

Total area to be irrigated \_\_\_\_\_ Sq. Ft. or \_\_\_\_\_ Acres

Type of irrigation system (please check)

\_\_\_\_\_ Sprinkler  
\_\_\_\_\_ Flood (irrigation ditch)

Please complete this page if you selected agricultural use on Page 3, No. 8.

### AGRICULTURAL WATER USE

#### Irrigation

Type of crop(s) (pasture, alfalfa, beans, etc.) and irrigation system:

Crop: \_\_\_\_\_ Acres: \_\_\_\_\_ Sprinkler: \_\_\_\_\_ Flood: \_\_\_\_\_

Crop: \_\_\_\_\_ Acres: \_\_\_\_\_ Sprinkler: \_\_\_\_\_ Flood: \_\_\_\_\_

Crop: \_\_\_\_\_ Acres: \_\_\_\_\_ Sprinkler: \_\_\_\_\_ Flood: \_\_\_\_\_

Crop: \_\_\_\_\_ Acres: \_\_\_\_\_ Sprinkler: \_\_\_\_\_ Flood: \_\_\_\_\_

#### Stock Watering (cattle, horses)

Number of animals: \_\_\_\_\_

Months of use: \_\_\_\_\_

Other agricultural uses not listed: \_\_\_\_\_

VERIFICATION

STATE OF CO )  
                  GARFIELD ) ss.  
COUNTY OF ~~Basalt~~ )

I, Greg Otto (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: 11/1/2023

By: 

Print Name: Greg Otto

Title: owner

Subscribed and sworn before me this 1<sup>st</sup> day of NOVEMBER, 2023  
by GREG OTTO.

Witness my hand and seal.

My commission expires:

06/23/2024

