

CAA

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DEPARTMENT OF
WATER RESOURCES

Before the Idaho Water Resource Board

**APPLICATION TO RENT WATER
FROM THE WATER SUPPLY BANK**

Applicant: Douglas or Lore Schureman **Phone** (208) 527-3147 / 589-7413 (Cell)

Address 3059 W 2230 N

City Arco **State** Idaho **Zip Code** 83213

c/o Keith C. Wilson Rocky Mountain Environmental Associates, Inc.
482 Constitution, Ste 303 (208) 524-2353
Idaho Falls, ID 83402 Fax 208) 524-1795

A. DESCRIPTION OF WATER SOUGHT TO RENT: Rights 34-4132 & 34-10058 Leased to Bank

1. Source of water Ground water
tributary to
2. Maximum volume of water 781.72 AF.
(292.78 ac-ft of 34-4132 & 488.94 ac-ft of 34-10058)
3. Maximum rate of diversion 2.67 cfs.
(1.00 cfs of 34-4132 & 1.67 cfs of 34-10058)

B. DESCRIPTION OF USE PROPOSED

1. Nature of intended use Irrigation
2. Location of Point of Diversion: SW 1/4 SE 1/4 of Section 3 Township 4N
Range 26E B.M., in BUTTE County.
3. Season of Use: From 04/01 to 11/01
4. Description of diverting works:
Pump HP 75 Lift 90 ft Pump type Electric
Canal name, if appropriate
5. Place of Use:
 - a. If water is for irrigation, describe the number of acres to be irrigated by 40-acre tract,
section, township and range. (Original place of use of 34-4132 & 34-10058)
T03N, R26E, Sec 12, SWSW(38), SESW(32); Sec 13, NWNE(35), SWNE(35),
SENE(35), NENW(35), NWNW(39), SWNE(39), SENW(40), NESE(35), NWSE(35);
T03N, R27E, Sec 18 NESW(38), NWSW(39).

b. If water is not for irrigation, describe the nature of the intended use and the place of use.

6. Describe any other water rights used for the same purposes as rental water sought under this application.

34-355, 34-356, 34-357, 34-281, 34-13569, 34-7100, 34-4132, 34-10058

7. Who owns the property at the point of diversion?

Applicant

8. Who owns the property at the place of use?

Applicant

9. Are you seeking a rental for more than one (1) year? No (yes or no)

If yes, for how many years? _____

10. Remarks: Original points of diversion for 34-4132 & 34-10058 are not producing amount of water decreed and applicants want to move cfs to a well capable of producing this amount of water. Applicants are filing applications to lease water rights 34-4132 & 34-10058 "To" the Water Supply Bank in the amounts requested in this application. Water leased "To" & "From" the Water Supply Bank will be used on the original place of use under these rights

3-17-08
Date 3-17-08

Douglas Schureman
Signature of Applicant
Dore Schureman

FOR DEPARTMENT USE ONLY

Received by _____ Date _____ Time _____

Published in _____ Pub. Dates _____

Protests filed by _____

Hearing held by _____

Action recommended for _____

Volume Calculations for 34-4132 & 34-10058

1. Limited to 1074.5 afa in combination.
Determine Volume per acre = $(1074.5 \text{ afa}) \div (480 \text{ ac}) = 2.23854 \text{ af/ac}$
2. Diversion rate 34-04132 = 2.00 cfs Acres = 140 ac
Diversion rate 34-10058 = 1.67 cfs Acres = 480 ac Limited to 480 ac
Total Diversion rate $3.67 \text{ cfs} \div 480 \text{ ac} = 0.0076458 \text{ cfs/ac}$
3. **Move 1.00 cfs of 34-04132**
 $1.00 \text{ cfs} \div 0.0076458 \text{ cfs/ac} = (130.79 \text{ ac}) \times (2.23854 \text{ af/ac}) = 292.779 = \underline{\underline{292.78 \text{ ac-ft}}}$
4. **Move 1.67 cfs of 34-10058**
 $1.67 \text{ cfs} \div 0.0076458 \text{ cfs/ac} = (218.42 \text{ ac}) \times (2.23854 \text{ af/ac}) = 488.941 = \underline{\underline{488.94 \text{ ac-ft}}}$
5. Total volume = 292.78 ac-ft (34-04132)
 + 488.94 ac-ft (34-10058)
 781.72 ac-ft Total volume Lease To & From Water Supply Bank
6. Rental rate = $(781.72 \text{ ac-ft}) \times (\$1.40/\text{ac-ft}) = \$1094.408 = \underline{\underline{\$1094.41}}$