

Before the Idaho Water Resource Board

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MAY 30 2008

Department of Water Resources

APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK

Applicant: **Bureau of Reclamation**

Phone (208) 378-5306

Address **1150 N Curtis Rd, Ste 100**City **Boise**State **Idaho**Zip Code: **83706-1234**

A. DESCRIPTION OF WATER SOUGHT TO RENT

1. Source of water **Storage water from Waha, Mann, or Soldiers Meadow Lakes
(See Attachment A)**
tributary to **Storage located in Clearwater drainage.**
2. Maximum volume of water **605 acre-ft.**
3. Maximum rate of diversion **2 cfs released or forgone from storage.**

B. DESCRIPTION OF USE PROPOSED

1. Nature of intended use **Minimum flow into IWRB water right # 85-15603**
2. Location of point of diversion _____ $\frac{1}{4}$ _____ $\frac{1}{4}$, Section _____,
Township _____, Range _____, B.M. _____ County.
3. Season of use: From **June 1, 2008** to **October 31, 2008.**
4. Description of diverting works: **N/A See attachment A.**
Pump HP _____ Lift _____ Pump type _____
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.

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

Nature of use is to meet minimum stream flow under Water Right No. 85-15603.

The place of use as for Water Right No 85-15603 is the "reach above the quantification point" which is, "Lapwai Creek - end of Stream Flow, SWSENE Lt 2, Sec. 22, Township 36N, Range 04W, Nez Perce County."

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

Unknown to applicant.

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

Reservoirs, which are source of water are owned by United States.

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

State of Idaho owns streambed up to mean high water mark.

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

If yes, for how many years? _____

Remarks: ***Rental of this water is sought from the leases of portions of Water Right Nos. 85-02146, 85-15424, and 85-15603 as explained in Attachment A.***

5/30/08
Date


Signature of Applicant

FOR DEPARTMENT USE ONLY

Received by _____ Date _____ Time _____

Published in _____ Pub. dates _____

Protests filed by _____

Hearing held by _____

Action recommended _____

Attachment A

The applicant, the Bureau of Reclamation (Reclamation) intends to lease water into and rent water out of the water supply bank. The quantity is a maximum of 2 cfs (or a maximum of 605 acre-feet) from a combination of the following three reservoirs which Reclamation owns: Soldiers Meadow Reservoir, Mann Lake, and Lake Waha, under Water Right Nos. 85-02146, 85-04483, and 85-15424 respectively. All three of these reservoirs supply water to the Lewiston Orchards Irrigation Project. The lease and rental is from June 1 through the irrigation season of 2008. The purpose of the rental is to supply water into Sweetwater and Lapwai Creeks. The water right is intended to be rented into the Idaho Water Resource Board's (IWRB's) instream right No. 85-15603, for which the measurement point is the mouth of Lapwai Creek.

The water will be delivered from: (1) the Diversion Dam at Sweetwater Canal for water that is forgone from being stored at Mann Lake; (2) Lake Waha; or (3) Soldiers Meadow Reservoir; down to the measurement point for the IWRB's water right No. 85-15603. Administration of rented water is to be accomplished under Idaho Code § 42-801.

Measurements to ensure the water is from the Applicant's storage rights will be as follows:

1. Measurement of Volume of Storage Water Used in the Rental Program to Ensure the Storage Water Rights Are Not Enlarged

a. Measurements of Mann Lake under water right No. 85-4483

i. Objective: Ensure the total volume stored in Mann Lake in addition to the amount of volume attributed to the rental from Mann Lake storage does not exceed 10,500 acre-ft.

ii. Method: Measurement will be made by Lewiston Orchards Irrigation District of the rate and the associated volume of flow into Mann Lake that is not attributable to storage at the upper reservoirs. The volume of water delivered to Mann Lake from water that was previously stored in the above reservoirs will also be measured. The volume of water delivered out of Mann Lake will be measured by an existing device on the outlet works for Mann Lake that totalizes the volume of water delivered out of Mann Lake. Additional storage for carry-over in Mann Lake will be calculated from elevation measurements. From these measurements, the volume of the water diverted to the creek that is attributable to storage water right No. 85-4483 will be calculated.

b. Measurement of volume used in the rental program from the Soldiers Meadow Reservoir water right No. 85-02146 to ensure storage right is not enlarged

- i. Objective: Ensure the total storage for Soldiers Meadow Reservoir in a given year does not exceed 2,000 acre-ft under water right No. 85-2146.
- ii. Method: The volume released from storage for both irrigation and the water rental will be measured. The additional carryover accumulated will be calculated from elevation measurements. These two volumes together must not exceed 2,000 acre-ft.

c. Measurement of Volume used in the Rental Program from the Lake Waha water right No. 85-15424

- i. Objective: Ensure that the total storage at Lake Waha does not exceed 3,497.5 acre-ft.
- ii. Method: Calculate the volume released from storage for irrigation in addition to the additional carryover accumulated, which must not exceed 3,497.5 acre-ft.

2. Measurements for Administrative Purposes

A. Ensuring that there is 2 cfs in the creek will allow parties to know when water is available for other water right holders on the creek to divert under their water rights. The flow diverted into Sweetwater Creek from the canal is directly measured from a weir. This flow information is available real-time through Reclamation's hydromet web site.

B. The District will ensure that the 2 cfs is from storage (or forgone storage) and not from natural flow. For water released from Lake Waha or Soldiers Meadow Reservoir, the District will show that at least 2 cfs has been released from those reservoirs. For water forgone from being stored in Mann Lake, the District will show that at any given time that both Mann Lake and Sweetwater Canal have the capacity to take the 2 cfs.