

RECEIVED
JUL 09 2013
DEPT. OF WATER RESOURCES
SOUTHERN REGION

STATE OF IDAHO
WATER RESOURCE BOARD

Water Supply Bank No. _____
(For Department Use Only)

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

Name of Renter Irene Vandervegt-Gibson Phone 208-732-5728

Mailing address 4098 Hidden Lakes Drive Kimberly, ID 83341 Email _____

A. DESCRIPTION OF WATER SOUGHT FOR RENT

1. <u>Maximum Flow Rate (cfs)</u>	<u>Maximum Volume (ac-ft)</u>	<u>Nature of Use</u>	<u>Period of Use</u>	
_____	132 AFA*	Commercial - Dairy	1/1/2013	to 12/31/2013
_____	132 AFA*	Stockwater - Dairy	1/1/2013	to 12/31/2013
_____	_____	_____	_____	to _____
Total: _____	132 AFA *			

2. Source of water _____ Groundwater _____ tributary to _____

3. Point(s) of Diversion:

Twp	Rge	Sec	Lot	1/4	1/4	1/4	County
9S	22E	06			NE	SE	Minidoka
9S	22E	06			NE	SE	Minidoka

West
D0050295
East
D0060711

4. Lands to be irrigated or place of use:

Twp	Rge	Sec	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
9S	22E	06			x	x									x	x	x	x	

If the use is for irrigation, show total number of acres proposed through rental. Total Acres _____

B. OWNERSHIP

1. Do you own the land at the proposed point of diversion? Yes ☒ No ☐

If no, list owner, contact information, and provide documentation of the authority to use the proposed point of diversion. _____

2. Do you own the land at the proposed place of use? Yes ☒ No ☐

If no, list owner, contact information, and provide documentation of the authority to use the proposed place of use. _____

C. MAP

Attach a map identifying the proposed point(s) of diversion, place(s) of use, and water diversion and distribution system details as described by this application in section A. Include legal description labels.

D. GENERAL INFORMATION

1. Please provide a description of the proposed diversion system.
The proposed diversion is from the existing wells used for the dairy operation. * the actual water needed is 100AFA how-
ever due to the conversion of the water from irrigation to commercial / livestock 132 AFA is being requested
2. Describe any other water rights diverted through the same point(s) of diversion or used for the same purpose(s) as described above.
36-16468, 36-16470, 36-16472
3. Will the proposed place of use receive water from any other source? Yes ☒ No ☐
If yes, describe. Idaho Water Rights: 36-16468, 36-16470, 36-16472
4. If the proposed use is not for irrigation, please provide a detailed description of the proposed use and how you determined the amount of water required. Attach additional sheets if needed. The water will be used to provide stockwater and commercial water use for a dairy operation. The facility is expanding and wishes to lease from the water bank while pursuing a transfer of water owned by the dairy.
5. Are there any other applications pending before the Department, such as an application for permit or transfer, for the same use(s) proposed by this rental? Yes ☐ No ☒
If yes, describe. _____
6. Was this rental application submitted in response to a Notice of Violation or a pending Notice of Violation? Yes ☐ No ☒
If yes, describe. There was an equipment failure that has resulted in excess water being diverted. The equipment has been repaired and this lease is in response to excess water used as a result, as well as the expansion described in #4.

E. RENTAL TERM

1. Do you wish to rent water from the Board's bank for more than one (1) year? Yes ☐ No ☒
If yes, please specify the number of years desired through proposed rental. _____

I hereby assert that the information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.

If this application is approved, the applicant agrees to the following:

1. The use of water under this agreement shall be subject to the provisions of Section 42-1766, Idaho Code.
2. Renter shall comply with all applicable state and federal laws while using water under this agreement.
3. Renter shall hold the Board, the Director, and the state of Idaho harmless from all liability on account of negligent acts of the renter.
4. The Director may terminate diversion of water if the Director determines there is not a sufficient water supply for the priority of the right or portion thereof being rented.
5. Failure of the renter to comply with the conditions of this agreement is cause for the Director to rescind approval of the rental agreement.
6. Renter is not authorized to use water proposed by this application until the rental fees are paid in full and the renter receives an executed copy of the agreement signed by the Director.

Irene VanderVegh - Gibson
Signature of Applicant

Irene VanderVegh Gibson
Printed Name and Title*

7-8-13
Date

Signature of Applicant

Printed Name and Title*

Date

*Please provide title of signatory if signing on behalf of a company or organization or with power of attorney

Mail to: Idaho Department of Water Resources, P.O. Box 83720, Boise, ID 83720-0098

Vandervegt Dairy - Water Usage Calculations

Number of Cows Milking	2,600	1,400	3640		
Dry Cows	335	1,400	469		
Springers	150	1,300	195		
Long Bred	230	1,200	276		
Calves avg 350 lbs	346	350	121.1		
Calves Hutches 140 lbs	397	140	55.58		
Number of Milkings Per Day	2	Animal Units.....	4,757		
Bulk Tank Washes / Day	2	Permitted No....	4760		
Number of Fills for Barn	115	Additional Allowed.	3	2.37	Cows
Flushes per Day	16			2.77	Heifers 1200 lbs
Pasturizer Cooler	3 hr/day			3.32	Heifers 1000 lbs
Milk per Cow Per Day Avg	80				

Milk House Water				700 Gal/Day	255,500 Gal/Yr
Pipeline Cleaning	<u>Cycles</u>	<u>Vat Size</u>	<u>Gallons/ Milking</u>		
	4	300	1200	2,400 Gal/Day	876,000 Gal/Yr
Bulk Tank Cleaning	<u>Cycles</u>	<u>Vat Size</u>	<u>Gallons/Day</u>		
	4	200	800	1,600 Gal/Day	584,000 Gal/Yr
Cow Prep	<u>Cows</u>	<u>Gal/Prep</u>	<u>Milkings/Day</u>		
	2600	0.5	2	2,600 Gal/Day	949,000 Gal/Yr
Back Flush	<u>Cows</u>	<u>Gal/Flush</u>	<u>Milkings/Day</u>		
	2304	1.5	2	6,912 Gal/Day	2,522,880 Gal/Yr
Deck Spray	<u>Nozzles</u>	<u>GPM</u>	<u>Minutes/Spray</u>		
	60	5	0.35	12,075 Gal/Day	4,407,375 Gal/Yr
Deck Flush	<u>Alleys Flushed</u>	<u>GPM</u>	<u>Minutes/Flush</u>		
	2	400	0.65	8,320 Gal/Day	3,036,800 Gal/Yr
Pasturizer Cooling Water	<u>GPM</u>	<u>Hr/Day</u>			
	5	3		900 Gal/Day	328,500 Gal/Yr
Milk Cooling	<u>Lbs/day</u>	<u>Cows</u>	<u>Gal H₂O/Gal Milk</u>		
	80	2600	2.75	69,756 Gal/Day	25,460,976 Gal/Yr
				105,263	38,421,031 Gal/Yr
Drinking Water	<u>Gal/day</u>	<u>Head</u>			
Milking Cows	38	2600		98,800 Gal/Day	36,062,000 Gal/Yr
Dry Cows	18	335		6,030 Gal/Day	2,200,950 Gal/Yr
Springers	17	150		2,550 Gal/Day	930,750 Gal/Yr
Long Bred	17	230		3,910 Gal/Day	1,427,150 Gal/Yr
Calves	8	743		5,944 Gal/Day	2,169,560 Gal/Yr
				117,234	42,790,410 Gal/Yr
				222,497 Gal/Day	81,211,441 Gal/Yr
					10,857,144 Cuft/Yr
					249.25 AcFt/Yr

