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RECEIVED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCESTransfer No. 73038JAN 17 2008 APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1Department of Water Resources
Southern Region
Name of applicant

Edward Rosa

Phone (208) 280-5568

Post Office address 2149 B Highway 26, Gooding, Idaho 83330

A. PURPOSE OF TRANSFER

1. ☐ Change point of diversion ☒ Add diversion point ☒ Change place of use
☒ Change nature of use ☒ Change period of use ☐ Other _____
2. Describe the reason for the proposed changes To provide an additional water right to an existing dairy and to correct errors within the existing right.

B. DESCRIPTION OF RIGHT(S) OR PORTION THEREOF, AFTER THE REQUESTED CHANGE

1. Right Number Priority Amount (cfs/ac-ft) Nature of Use Period of Use
- | Right Number | Priority | Amount (cfs/ac-ft) | Nature of Use | Period of Use |
|-----------------|------------|--------------------|---------------|----------------|
| Portion 37-7009 | 01/16/1968 | 0.13/16.8 | Stock/Comm. | 01/01 to 12/31 |
| 37-11200 | 01/01/1930 | 0.07/--- | Stockwater | 01/01 to 12/31 |
| 37-11200 | 01/01/1930 | 0.04/--- | Domestic | 01/01 to 12/31 |
2. Total amount of water being transferred 0.20 cubic feet per second and/or _____ acre-feet per annum.
3. Source of water Ground Water tributary to _____
4. Point(s) of Diversion:

Lot	1/4	1/4	1/4	Sec.	Twp.	Rge	County	Local name for diversion
	NW	SE	NW	10	06S	15E	Gooding	Primary Dairy Well
	SE	SW	NW	10	06S	15E	Gooding	Backup Dairy Well

5. Lands irrigated or place of use:

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
06S	15E	10							S D	S, C									---

Total acres ---

6. General Information:

- a. Description of diversion system Two wells service the barn and the corrals: one is used as a primary water supply well and the second is a backup well.
- b. Are the lands from which you propose to transfer the water right subject to any liens, deeds of trust, mortgages, or contracts?
☐ Yes ☒ No. If yes, provide a notarized statement from the holder of the lien, deed of trust, mortgage or contract agreeing to the proposed changes.
- c. Describe the effect on the land now irrigated if the place of use is changed pursuant to this transfer:
6.4 acres will be dried up in the POU described under 36-7009

PART 1

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Transfer of Water Rights No. _____
And said application is hereby _____, subject to the following limitations and conditions:

Witness my hand this _____ day of _____, 19_____

Page _____ of _____

Transfer No. _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT

PART 2

(Attach one copy for each right)

RECEIVED**JAN 17 2006**Department of Water Resources
Southern Region**A. DESCRIPTION OF RIGHT AS RECORDED**

1. Right evidenced by:

- a. Decree No. 37-7009 Decreed to Dianne Bean
 in case of See Attached Partial Decree for 36-7009 vs. _____
 dated 12/11/2002 in _____ county of _____
- b. License No. _____ issued by the Idaho Department of Water Resources.
- c. Claim No. _____ on file with the Idaho Department of Water Resources.
- d. Transfer No. _____ which produced this right.

2. Attach a copy of last year's tax notice for the property to which the water right is appurtenant or other documents which show ownership. Label document as attachment A. check appropriate box below.

☐ Tax notice☒ Warranty Deed☐ Other _____3. Source of water Ground water tributary to _____4. Date of priority 01/16/1968

5. Water is used for the following purpose:

Amount 3.04/606.8 for Irrigation purposes from 04/01 to 10/15
 (cfs/ac-ft) _____
 Amount _____ for _____ purposes from _____ to _____
 (cfs/ac-ft) _____
 Amount _____ for _____ purposes from _____ to _____
 (cfs/ac-ft) _____

6. Total amount of water under right 3.04 cubic feet per second and/or 606.8 acre-feet per annum.

7. Point(s) of Diversion:

Lot	1/4	1/4	1/4	Sec.	Twp.	Rge	County	Local name for diversion
	NW	NE	NW	14	06S	15E	Gooding	

8. Lands irrigated or place of use:

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
06S	15E	11									5.8	7.9	28	40					81.7
06S	15E	14					34	36											70

Total acres 151.79. Describe any other water rights used for the same purpose as described above None

10. To your knowledge, has any portion of this water right undergone a period of five or more consecutive years of non-use?

No

If yes, describe _____

B. DESCRIPTION OF PORTION OF RIGHT BEING TRANSFERRED

1. Amount 0.13/16.8 for Irrigation purposes from 04/01 to 10/15
(cfs/ac-ft)

2. Point(s) of Diversion:

Lot	1/4	1/4	1/4	Sec.	Twp.	Rge	County	Local name for diversion
	NW	NE	NW	14	06S	15E	Gooding	

3. Lands irrigated or place of use:

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
06S	15E	14										1.4	5						6.4

Total acres 6.4

C. DESCRIPTION OF UNCHANGED PORTION OF RIGHT

1. Amount 1.81/362 for Irrigation purposes from 04/01 to 10/15
(cfs/ac-ft)

2. Point(s) of Diversion:

Lot	1/4	1/4	1/4	Sec.	Twp.	Rge	County	Local name for diversion
	NW	NE	NW	14	06S	15E	Gooding	

3. Lands irrigated or place of use:

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
06S	15E	11									4.8	4.8	23	30.7					63.3
06S	15E	14						27.2											27.2

Total acres 90.5*

*54.8 acres are being set aside for another transfer to a dairy being proposed in
Twp 06S, Rng 15E, Sect. 14. If this other transfer is not approved the total allowed
acres for the remaining portion of right 37-7009 will be 145.3 acres.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 3

- A. Draw a map or attach a USGS map indicating the new point(s) of diversion and/or the new place of use for rights described in part 1. Clearly depict the land by section, township and range number.

See Attached Figures for Transfer: R & R Holstein: Rosa Dairy #1

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 Department of Water Resources
 Southern Region

B. CHANGES IN NATURE OF USE

1.

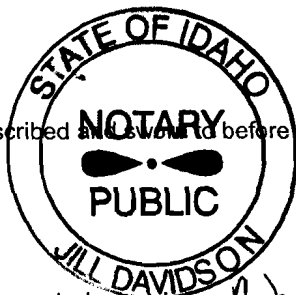
<u>New Nature of Use</u>	<u>Amount</u> (cfs/ac-ft)	<u>Hours/days/year</u>	<u>Period of Use</u>
<u>Stockwater/Commercial</u>	<u>0.13/16.8</u>	<u>as needed</u>	<u>01/01</u> to <u>12/31</u>

2. Quantity and quality of return flows and location of discharge:
IDWR considers stockwater/commercial use at dairies as fully consumptive.

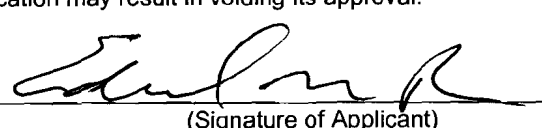
3. Describe the effects on other water uses resulting from the proposed change:
None

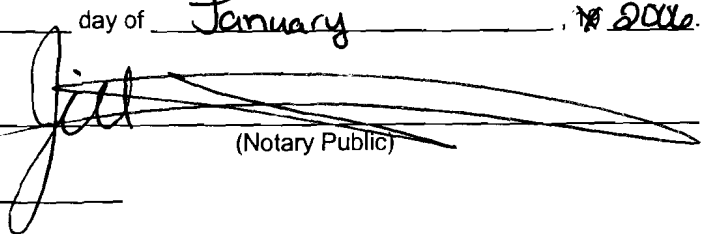
I hereby assert that no one will be injured by such changes and that the change do not constitute an enlargement in use of the original right. The information contained in this application is true to the best of my knowledge.

I understand that any willful misrepresentations made in this application may result in voiding its approval.



Subscribed and sworn to before me this 13TH day of January, 2006.


 (Signature of Applicant)


 (Notary Public)

My commission expires November 18, 2010



36-7009 Existing POU
 Remaining Irrigated Acres Post Transfers
Acres Being Dried Up For Dairy #3
 Acres Being Dried Up For Dairy #1
 POU for Dairy #3
 POU for Dairy #1

Rosa: Dairy #1 Transfer

Twp 06S, Rng 15E, Sect. 10-11 & 14-15
 NAIP Aerial Photo 2004
 Brockway Engineering, PLLC
 NMS (Revised by DTN - 12/27/2005)

- | | | | | | |
|--|-----------------------|--|-----------------|--|-------------------------------|
| | PLS - Section | | POD's | | Proposed Irrigation Remaining |
| | PLS - quarter quarter | | Irrigation Well | | Half Pivot |
| | Rosa Dairy #1 | | Dairy #1 | | Small Full Pivot |
| | | | Dairy #2 | | |

FOR DEPARTMENT USE ONLY

Transfer contains _____ pages and _____ attachments

Received by VR Date 1/17/06 Protest filed by _____

Prelim. check by VR Fee 1/17/06 _____

Receipted by VR Date 1/18/06 5028309 _____

Published in _____ Copies of protest forwarded by _____

Pub. dates _____ Hearing held by _____ Date _____

Watermaster recommendation requested on _____ Recommended for ☐ Approval ☐ Denial

_____ rec'd. _____ by _____

Copy of transfer sent to lien holder _____

Dairy Facility Water Use and Runoff Calculations

Prepared By
Bob Ohlenschlaeger Certified Nutrient Management Planner
Nutrient Management Solutions, LLC.

Legal Description

0

Estimate for Ed Rosa - Existing Dairy Water Use

Number of Milking Animals.....	400	Head	Number of Dry Cows.....	50	Head
Weight of Mature Animals.....	1,400	Pounds			
Number of Heifers.....	50	Head			
Average Weight of Heifers.....	340	Pounds			

	Head	Animal Units	
Cows	450	630	Animal Units
Heifers	50	17	Animal Units

Type of milking parlor being used.....	Herrigbore	Number of stalls per side in parlor.....	8	head
Times per day cows are milked.....	2	Size of holding pen.....	100	head

Type of Separator Being Used.....	Inclined Screen	15% Separation	
Manure from Mature Animals Handled as Liquid.....	Parlor and Holding Pen	15.0%	of Total
Manure from Heifers Handled as Liquid.....	None	0.0%	of Total
Daily manure stored as a liquid from the milking herd.....		104	Cu. Ft.
Daily separated solids that must be handled from the milking herd.....		18	Cu. Ft.
Daily manure handled as solids from milking herd.....		696	Cu. Ft.
Type of housing used for milking herd.....	Openlot	Daily Bedding.....	3 Tons
Type of bedding used for milking herd.....	Long Straw		1,323 Cu. Ft.
Type of housing used for replacement animals.....	Openlot	Daily Bedding.....	0 Tons
Type of bedding used for replacement animals.....	Long Straw		36 Cu. Ft.

Number of sprinklers in washpen.....	48	Output...	4.98 gpm	Minutes used per cycle.....	0
Percent of the time sprinklers used.....	50%	Additional water used to clean holding pen.....			750
Water used to flush holding pen.....	-				

Barn Water Use	Daily Gallons	Cu. Ft.	Daily Gallons	Cu. Ft.	
Milk House Cleaning.....	25	3.3	Backflush System Water.....	400	53
Pipeline Cleaning.....	1,000	133.7	Cow Prep Water.....	400	53
Bulk Tank Cleaning.....	550	73.5	Wash Pen Sprinklers.....	-	-
Miscellaneous Cleaning.....	25	3.3	Wash Pen Cleaning/Flush.....	750	100
Parlor Floor Cleaning.....	600	80.2	Calf Bottle Clean-up Water....	32	4.2
Parlor Deck Flush.....	-	-	Total Process Water Daily.....	3,781	501
Parlor Spray Flush.....	-	-			

50% Utilization

		Amt Required Daily for Recycled Uses.....	Gallons	Cu. Ft.
Recycled water is used for	Parlor, Holding Pen & Cow Drinking		18,264	2,441.7

Water Source and Amount Being Recycled

Milk Cooling Water.....	11,696	1,563.6	
Chiller Cooling Water.....	-	-	
Equipment Cooling Water.....	-	-	
Total Daily Water to be Recycled.....	11,696	1,563.6	
All Water Will Be Recycled	-	-	
Total Process Water To Be Stored Daily.....	3,781	505.4	
Gallons of Process Water Per Cow Per Day.....	9	gallons	
Drinking Water Per Day.....	14,641	gallons	
Heifers.....	174	gallons	% of Total
Annual Process Water.....	4	Acres Feet	20.3%
Annual Animal Drinking Water.....	17	Acres Feet	79.7%
Annual Water Use.....	21	Acres Feet	

Runoff Areas

	Length	Width	Slope	Area	Paved	Runoff	25yr 24hr	Winter	Total	
Area 1	880	550	0	484,000	F		60,500	161,333	221,833	Corrals
Area 2	550	200	0	110,000	T		18,333	36,667	55,000	Feed Storage
Area 3	470	450	0	211,500	T		35,250	70,500	105,750	Feed Storage
Area 4	-	-	-	-	-		-	-	-	
Area 5	-	-	-	-	-		-	-	-	
Area 6	-	-	-	-	-		-	-	-	
Area 7	-	-	-	-	-		-	-	-	
Area 8	-	-	-	-	-		-	-	-	
Area 9	-	-	-	-	-		-	-	-	
Area 10	-	-	-	-	-		-	-	-	

Storage Requirements Precipitation Events.....	114,083	268,500	382,583	Cu Ft
Total Area Contributing Runoff.....	805,500	Sq Ft or	18.5	Acres
Total Manure Stored as a Liquid.....			18,796	Cu Ft
Process Water and Manure Stored.....			90,979	Cu Ft
Total Storage Needed.....			492,359	Cu Ft