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Page _____ of _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCESTransfer No. 73039APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1Name of applicant Edward Rosa Phone (208) 280-5568Post 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 a water supply for a proposed dairy
within Twp 06S, Rng 15E, Sect. 14

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
Portion 37- ~~7009~~ <u>2149</u>	<u>01/16/1968</u>	<u>1.10/144.1</u>	<u>Stock/Comm.</u>	<u>01/01 to 12/31</u>

2. Total amount of water being transferred 1.10 cubic feet per second and/or 144.1 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	NE	NW	14	06S	15E	Gooding	Primary Dairy Well
	NW	NE	NW	14	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	14					S, C		S	S									---

Total acres ---

6. General Information:

- a. Description of diversion system Two wells will be drilled near the barn: one will be used as a primary water supply well and the second will be a back up well. Both will plumbed to service the barn and the corrals.

- 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:

54.8 acres will be dried up in the POU described under 36-7009

PART 1

d. Remarks:

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)

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 1.10/144.1 for Irrigation purposes from 04/01 to 10/15
(cfs/ac-ft)

2. Point(s) of Diversion:

Lot	¼	¼	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 ¼	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 ¼	SW 1/4	SE 1/4	
06S	15E	14									1	1.7		9.3					12
06S	15E	11					34	8.8											42.8

Total acres 54.8

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	¼	¼	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 ¼	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 ¼	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*

*6.4 acres are being set aside for another transfer to Rosa's Dairy in Twp 06S, Rng 15E, Sect. 10. If this other transfer is not approved the total allowed acres of the remaining portion of 37-7009 will be 96.9 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.

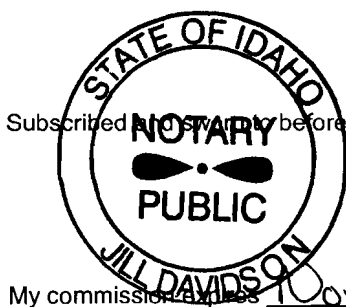
See Attached Figures for Transfer: R & R Holstein: Rosa Dairy #3

B.1 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>1.10/144.1</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

, 18 2006

[Signature]
 (Signature of Applicant)

[Signature]
 (Notary Public)

My commission expires

November 18, 2010

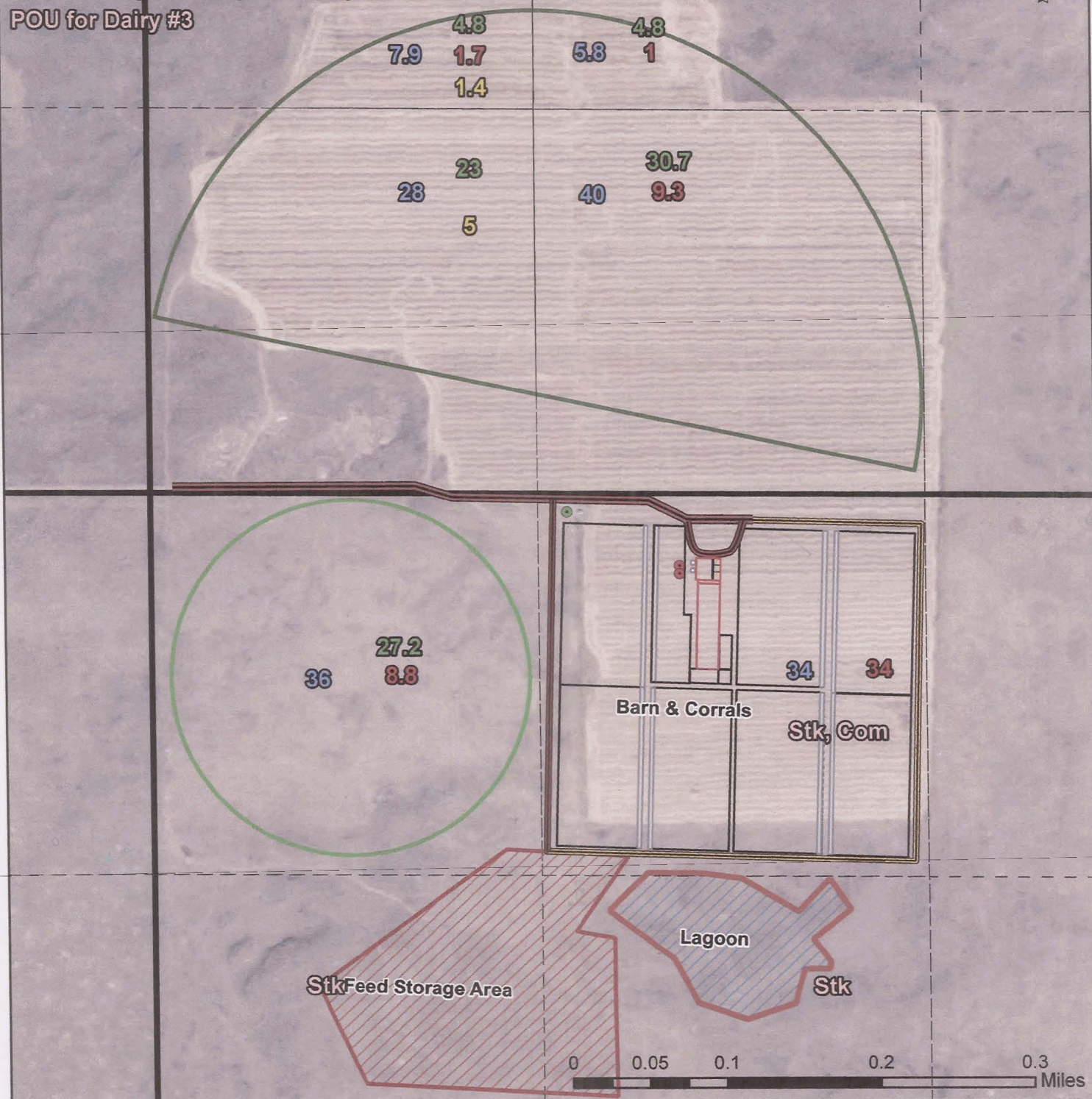
36-7009 Existing POU

Remaining Irrigated Acres Post Transfers

Acres Being Dried Up For Dairy #3

Acres Being Dried Up For Dairy #1

POU for Dairy #3



Rosa: Proposed Dairy #3 Transfer

Twp 06S, Rng 15E, Sect. 11 & 14
NAIP Aerial Photo 2004

Brockway Engineering, PLLC
NMS (Revised by DTN - 12/27/2005)

- PLS - Section
- PLS - quarter quarter
- Irrigation POD
- Dairy #3 POD

Proposed Irrigation Remaining

- Half Pivot
- Small Full Pivot

FOR DEPARTMENT USE ONLY

Transfer contains _____ pages and _____ attachments

Received by JR Date 1/18/06 Protest filed by _____

Prelim. check by _____ Fee 290⁰⁰ _____

Receipted by JR 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 Ohlenschlen Certified Nutrient Management Planner
Nutrient Management Solutions, LLC.

Legal Description

0

Estimate for Ed Rosa - New Facility

Number of Milking Animals..... 1,988 Head Number of Dry Cows..... 297 Head

Weight of Mature Animals..... 1,400 Pounds

Number of Heifers..... - Head

Average Weight of Heifers..... - Pounds

	Head	Animal Units
Cows	2,285	3,199
Heifers	-	-
		An.Units

Type of milking parlor being used..... Parallel Number of stalls per side in parlor..... 35 head

Times per day cows are milked..... 2 Size of holding pen..... 280 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..... 530 Cu. Ft.

Daily separated solids that must be handled from the milking herd..... 94 Cu. Ft.

Daily manure handled as solids from milking herd..... 3,535 Cu. Ft.

Type of housing used for milking herd..... Openlot Daily Bedding..... 15 Tons

Type of bedding used for milking herd..... Long Straw 6,718 Cu. Ft.

Type of housing used for replacement animals..... Openlot Daily Bedding..... - Tons

Type of bedding used for replacement animals..... Long Straw - Cu. Ft.

Number of sprinklers in washpen..... 144 Output... 4.98 gpm Minutes used per cycle..... 4

Percent of the time sprinklers used..... 83% Additional water used to clean holding pen..... 1,000

Water used to flush holding pen..... -

Barn Water Use	Daily Gallons	Cu. Ft.	Daily Gallons	Cu. Ft.	
Milk House Cleaning.....	50	6.7	Backflush System Water.....	1,988	266
Pipeline Cleaning.....	1,200	160.4	Cow Prep Water.....	1,988	266
Bulk Tank Cleaning.....	1,100	147.1	Wash Pen Sprinklers.....	38,246	5,113
Miscellaneous Cleaning.....	25	3.3	Wash Pen Cleaning/Flush.....	1,000	134
Parlor Floor Cleaning.....	1,000	133.7	Calf Bottle Clean-up Water....	160	21.4
Parlor Deck Flush.....	4,500	601.6	Total Process Water Daily.....	54,911	7,320
Parlor Spray Flush.....	3,654	488.5			
			Amt Required Daily for Recycled Uses.....	Gallons	Cu. Ft.
Recycled water is used for	Parlor, Holding Pen & Cow Drinking		134,118		17,930.2

83% Utilization

Water Source and Amount Being Recycled

Milk Cooling Water.....	58,184	7,778.6
Chiller Cooling Water.....	25,200	3,369.0
Equipment Cooling Water.....	-	-
Total Daily Water to be Recycled.....	83,384	11,147.6
All Water Will Be Recycled	-	-
Total Process Water To Be Stored Daily.....	54,911	7,341.1
Gallons of Process Water Per Cow Per Day.....	28	gallons
Drinking Water Per Day..... Cows.....	73,440	gallons
Heifers.....	160	gallons
Annual Process Water.....	62	Acre Feet
Annual Animal Drinking Water.....	82	Acre Feet
Annual Water Use.....	144	Acre Feet

% of Total

42.7%

57.3%

Runoff Areas

H Areas						Runoff			Total	
	Length	Width	Slope	Area	Paved	25yr	24hr	Winter		
Area 1	1,260	1,115	0	1,404,900	F	175,613		824,208	999,821	Corrals
Area 2	1,000	640	0	640,000	T	106,667		375,467	482,133	Feed Storage
Area 3	-	-	-	-	-	-	-	-	-	Feed Storage
Area 4	-	-	-	-	-	-	-	-	-	
Area 5	-	-	-	-	-	-	-	-	-	
Area 6	-	-	-	-	-	-	-	-	-	
Area 7	-	-	-	-	-	-	-	-	-	
Area 8	-	-	-	-	-	-	-	-	-	
Area 9	-	-	-	-	-	-	-	-	-	
Area 10	-	-	-	-	-	-	-	-	-	

Storage Requirements Precipitation Events..... 282,279 1,199,675 1,481,954 Cu Ft

Total Area Contributing Runoff..... 2,044,900 Sq Ft or 46.9 Acres

Total Manure Stored as a Liquid..... 95,442 Cu Ft

Process Water and Manure Stored..... 1,321,394 Cu Ft

Total Storage Needed..... 2,898,790 Cu Ft