

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES**

APPLICATION FOR TRANSFER OF WATER RIGHT

PART 1

Name of Applicant Last Ranch LLC Phone 208-644-1803
 Mailing Address 136 Bridon Way, Jerome, ID 83338 Email ambrose@northrim.net
c/o Rocky Mountain Environmental Associates, Inc. kmoore@rockymountainenvironmental.com
482 Constitution, Ste 303, Idaho Falls ID 83402 (208) 524-2353 Fax (208) 524-1795

A. PURPOSE OF TRANSFER

1. ☐ Change Point of Diversion ☐ Add diversion point(s) ☐ Change Place of use
☒ Change Nature of Use ☒ Change Period of Use ☐ Other _____
2. Describe the reason for the proposed changes: Applicant proposes to excavate 4 lined ponds on the current place of use and to use this water right as the source for pond fill

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

1. Right Number Priority Amount Nature of Use Period of Use

34-826B	10/12/1884	0.17 cfs	Diversion to Storage	5/01 to 10/15
		18.0 AF	Irrigation Storage	5/01 to 10/15
		18.0 AF	Irrigation from Storage	5/01 to 10/15
		18.0 AF	Recreation Storage	1/01 to 12/31
		18.0 AF	Stockwater Storage	1/01 to 12/31
		0.23 cfs	Irrigation	5/01 to 10/15

2. Total amount of water being transferred 0.17 cubic feet per second and/or 18.0 acre-feet per annum.
3. Source of water Big Lost River tributary to Sinks
4. Point(s) of Diversion:

Lot	¼	¼	¼	Sec.	Twp.	Rge.	County	Local Name for Diversion
	SE	NW	SE	14	6N	25E	CUSTER	

5. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	
6N	25E	23	10			12									20			25	67
			RS			RS									RS				
		24						7	36	2	18	40	40	32					175
		25	32.5	29	35	30	40	32	28	40	40	31							337.5

RECEIVED

AUG 01 2008

Department of Water Resources
 Eastern Region
 Rocky Mountain
 ENVIRONMENTAL
 ASSOCIATES, INC.

Total Acres 579.5

75009

PART 1

6. General Information:

- a. Description of diversion system: Water diverted from the Big Lost through the 3 in 1 ditch to the 4 ponds.
- 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 affect on the land now irrigated if the place of use is changed pursuant to this transfer: 8.5 acres of irrigated ground will be dried up.
- d. Remarks: Applicant proposes to change the nature of use of 8.5 acres of this water right for the fill and maintenance due to evaporation of 4 proposed lined ponds. Acre limit should be reduced to 11.5 acres. A companion transfer will use ground water as a secondary source when the surface water right is not available. Changes to associated water rights (34-136, 34-282A, 34-594, 34-598, 34-599, 34-2312, 34-10885, and 34-7076) will be necessary upon approval of this transfer.

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

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

Witness my hand this _____ day of _____, 20__

for the Director

PART 2

WATER RIGHT NO. 34-826B

Owner Type Name and Address

Current Owner LAST RANCH LLC
 136 BRIDON WAY
 JEROME, ID 83338

Priority Date: 10/12/1884

Basis: Decreed

Status: Active

Source Tributary

BIG LOST RIVER SINKS

Beneficial Use From To Diversion Rate Volume

IRRIGATION 5/01 10/15 0.4 CFS

Total Diversion 0.4 CFS

Location of Point(s) of Diversion:

BIG LOST RIVER SENWSE Sec. 14 Township 06N Range 25E CUSTER County

Place of Use Legal Description: IRRIGATION CUSTER County

<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>
06N	25E	23		NENE	10		SENE	12						
				NESE	20		SESE	25						
		24		NWNW	7		SWNW	36		SENW	2			
				NESW	18		NWSW	40		SWSW	40		SESW	34
				SWSE	1									
		25		NENE	38		NWNE	29		SWNE	35		SENE	30
				NENW	40		NWNW	32		SWNW	28		SENW	40
				NESW	40		NWSW	31						

Total Acres: 588

Acre Limit: 20

Conditions of Approval:

- USE OF THIS RIGHT WITH THE RIGHTS LISTED BELOW IS LIMITED TO A TOTAL COMBINED DIVERSION RATE OF 14.52 CFS. COMBINED RIGHT NOS.: 34-00136, 34-00282A, 34-00498, 34-00594, 34-00598, 34-00599, 34-02312, 34-07076 AND 34-10885.
- USE OF THIS RIGHT WITH THE RIGHTS LISTED BELOW IS LIMITED TO THE IRRIGATION OF A COMBINED TOTAL OF 588 ACRES IN A SINGLE IRRIGATION SEASON. COMBINED RIGHT NOS.: 34-00136, 34-00282A, 34-00498, 34-00594, 34-00598, 34-00599, 34-02312, 34-07076 AND 34-10885. THIS RIGHT IS LIMITED TO THE IRRIGATION OF 20 ACRES WITHIN THE PLACE OF USE DESCRIBED ABOVE IN A SINGLE IRRIGATION SEASON.
- WATER IS DELIVERED THROUGH THE 3 IN 1 DITCH.
- C05 RIGHT INCLUDES ACCOMPLISHED CHANGE IN PLACE OF USE PURSUANT TO SECTION 42-1425, IDAHO CODE.

9. Describe any other water rights used for the same purpose as described above: Surface water: 34-136, 34-282A, 34-594, 34-598, 34-599; Ground water: 34-2312, 34-10885, 34-7076
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 _____

PART 3

B. CHANGES IN NATURE OF USE

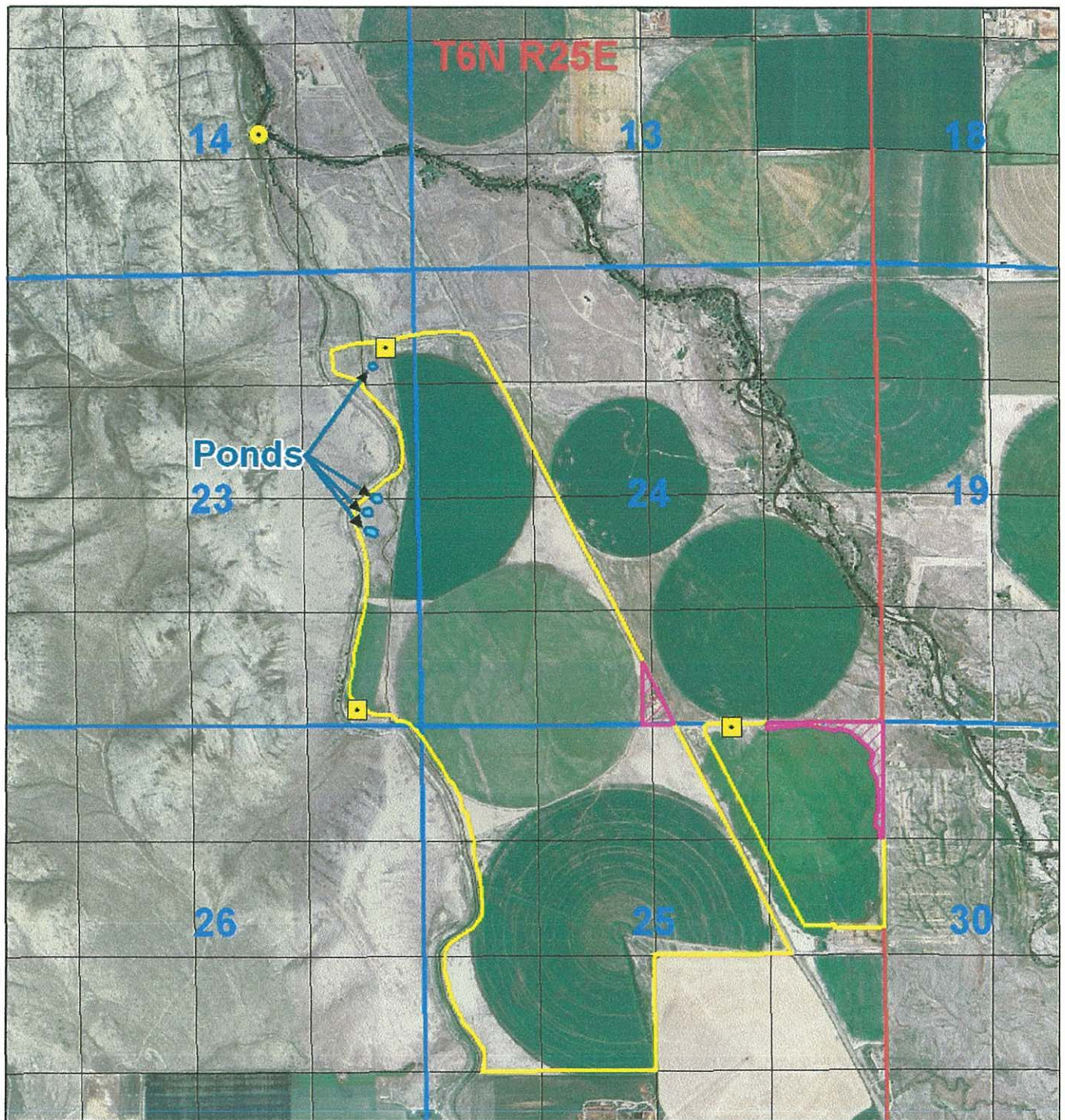
1. New Nature of Use	Amount (cfs/af-ac)	Hours/days/year	Period of use
<u>Diversion to Storage</u>	<u>0.17 cfs</u>	<u>24/365/yr</u>	<u>1/01 to 12/31</u>
<u>Irrigation Storage</u>	<u>18.0 ac-ft</u>	<u>24/168/yr</u>	<u>5/01 to 10/15</u>
<u>Irrigation from Storage</u>	<u>18.0 ac-ft</u>	<u>24/168/yr</u>	<u>5/01 to 10/15</u>
<u>Recreation Storage</u>	<u>18.0 ac-ft</u>	<u>24/365/yr</u>	<u>1/01 to 12/31</u>
<u>Stockwater Storage</u>	<u>18.0 ac-ft</u>	<u>24/365/yr</u>	<u>1/01 to 12/31</u>

2. Quantity and quality of return flows and location of discharge: All water diverted will be used beneficially. No water will return directly to the source.

3. Describe effects on other water uses resulting from the proposed change: Effects on other water uses are not anticipated. Because no additional water will be diverted from the 3 in 1 ditch, downstream users will not be affected.

Application for Transfer Last Ranch LLC

75009



0 0.25 0.5 1 Miles

2006 NAIP Photography

Legend

- GW Point of Diversion
- SW Point of Diversion
- Ponds
- Acres to Dry Up
- Place of Use
- Township and Range
- Section
- QQ



**Rocky Mountain
ENVIRONMENTAL**
ASSOCIATES, INC.

I hereby assert that no one will be injured by such change and that the change does not constitute an enlargement in use of the original right. The information 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.

[Signature]

(Signature of Applicant)

Managing Partner
Robert S Shillington

Print Name (and title, if applicable)

(Signature of Applicant)

Print Name (and title, if applicable)

Subscribed and sworn to before me this 16th day of July, 20 08.



[Signature]

(Notary Public)

My Commission expires: 4-12-2013

FOR DEPARTMENT USE ONLY

Transfer contains 6 pages and _____ attachments
Received by _____ Date _____ Protest filed by _____
Prelim check by _____ Fee _____
Received by B.M.K. Date 8-1-2008 E034297
Published in Challis Messenger Copies of protest forwarded by _____
Pub. Dates _____ Hearing held by _____ Date _____
Watermaster recommendations requested on _____ Recommended for ☐ approval ☐ denial
_____ received _____ By _____
Copy of transfer sent to lien holder _____



**Application for Transfer
Mitigation Plan
Last Ranch LLC**

Applicant proposes to excavate four lined ponds on the existing place of use covered under surface water rights 34-136, 34-282A, 34-594, 34-598, 34-599, 34-826B, and ground water rights 34-2312, 34-10885, and 34-7076. The ponds have a total surface area of 2.9 acres and a total volume of approximately 11.7 AF.

In order to fill the ponds, it is proposed to transfer 5.5 acres of surface water right 34-826B, chosen due to its senior priority date. Using the historical consumptive use of alfalfa hay-less frequent cuttings, 2.13 AF/acre based on data collected from the Mackay Ranger Station (See attached Pond Consumptive Use Calculations), it was calculated that 5.5 acres would provide the required volume of 11.7 AF to fill the ponds. The original 5.5 acres of irrigated ground will be dried up.

Throughout the year, the ponds will lose a total of 6.3 AF to evaporation. To compensate for those losses, it is proposed to transfer a portion of surface water right 34-826B. Evaporative losses of 6.3 AF are equivalent to the historical volume of water used on 3 acres of ground.

Therefore a total of 8.5 acres of ground will be transferred.

5.5 acres pond fill + 3.0 acres evaporation = 8.5 acres total

Because the ground water is supplementary to the surface water, it is necessary to dry up the same number of acres. Therefore, 8.5 acres of irrigated ground under water right 34-7076 will be transferred; these will overlap the same acres transferred under the surface water right. The ground water will serve as a secondary source of water if perchance the surface water is not available. The water right 34-7076 was chosen out of the ground water rights due to its junior priority date.

Because both of these rights are a part of a permissible place of use, it is noted that the place of use must be decrease as a whole by 8.5 acres. The transfer reflects an overall decrease in the place of use. The two rights being transferred will also require a decrease to the acre limit. Water right 34-826B was formerly limited to 20 acres; post-transfer right should show a limit of 11.5 acres. Water right 34-7076 was formerly limited to 78 acres; post-transfer right should show a limit of 69.5 acres. Also, all of the following associated rights will require a change to the place of use: 34-136, 34-282A, 34-594, 34-598, 34-599, 34-2312, and 34-10885.

Pond Calculations
Climate Station: Mackay Ranger Station, Idaho 105462
Project Name: Last Ranch LLC

Pond Consumptive Use Calculations

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Annual FVWV Evaporation (Inches)	35	35	35	35	35	35	35	35	35	35	35	35	35
Monthly Distribution (%) #1	1	2	4	7	12	15	19	16	11	6	4	3	100
Monthly FVWS Evaporation (in/mo)	0.35	0.7	1.4	2.45	4.2	5.25	6.65	5.6	3.85	2.1	1.4	1.05	35
Avg. Total Precipitation (in/mo) #2	0.77	0.6	0.61	0.7	1.07	1.33	0.93	0.79	0.67	0.59	0.58	0.79	9.44
Pond Loss [(Evap.) - (Precip. in.)] #3	0	0.1	0.79	1.75	3.13	3.92	5.72	4.81	3.18	1.51	0.82	0.26	25.99
Pond Surface Area (acres)	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
Total Pond Loss (ac-in)	0.0	0.3	2.3	5.1	9.1	11.4	16.6	13.9	9.2	4.4	2.4	0.8	75.4
Total Pond Loss (ac-ft)	0.0	0.0	0.2	0.4	0.8	0.9	1.4	1.2	0.8	0.4	0.2	0.1	6.3 #7

Irrigation Consumption Crop	649	# 4 = (Precipitation Deficit Growing Season, Site & Crop Specific (mm))
Alfalfa-less freq cuttings (mm/yr)	25.6	# 5 = ((Precipitation Deficit (#4)) + (25.4) = ac-in/ac/season)
Mean Irr. Requirement (ac-in/ac/season) =	2.13	# 6 = (((Precipitation Deficit (#5)) + (12) = ac-ft/ac/season)
Mean Irr. Requirement (ac-ft/ac/season) =	2.95	# 8 = ((Pond Loss Total (#7)) + (Mean Irrig. Req (#6))
Acres to dry up for pond use =	3.0	

Summary

Original Surface Water Right 34-826B	Diversion Rate (cfs)		Place of Use (acres)		cfs per acre	AF per acre (#6)
	0.4		20		0.020	2.13
Amount of Water Needed For Evaporation	Pond Surface Area (acres)		Acres Equivalent to Evaporation Use (#6)		cfs required	AF (#7) Required
	2.9		3.0		0.060	6.3
Amount of Water Needed for Pond Fill	Pond Depth (ft)	Pond Volume (AF)	Acres Equivalent to Pond Fill		cfs required	AF Required
	10	11.70	5.5		0.110	11.70
Total Water Needed for Transfer		For Evaporation	For Pond Fill	Sum		Rounded Totals
	cfs	0.06	0.11	0.17		
	AF	6.3	11.70	17.98		
	acres	3.00	5.50	8.50		
						8.5

- #1 - Molnar, Myron, Kpordze, Kolo C.S., and Craine, Katherine L., 1992. Monthly shallow pond evaporation in Idaho. ASAE paper PNW 92-111.
 #2 - Data collected from the Western Regional Climate Summary, Monthly Climate Summary @ <http://www.wrcc.dri.edu/summary/climsnrid.html>. See attached:
 #3 - Note: for months where precipitation exceeds evaporation, the resultant pond loss is set to zero
 #4, 5 & 6 - <http://www.kimberly-uidaho.edu/ETIdaho/>, Precipitation Deficit values used synonymously w/mean irrigation requirement. Values from Allen, Richard G. & Clarence W. Robison, 2006 (Revised 2007). Evapotranspiration & Consumptive Irrigation Water Requirements - Idaho. Research Technical Completion Report, Kimberly Research & Extension Center, University of Idaho, Moscow, ID.



IDAHO SECRETARY OF STATE

Viewing Business Entity

Ben Ysursa, Secretary of State

LAST RANCH, LLC

136 BRIDON WAY
JEROME, ID 83338

Type of Business:	LIMITED LIABILITY COMPANY
Status:	EXISTING, ANREPT SENT 01 Nov 2007
State of Origin:	IDAHO
Date of Origination/Authorization:	10 Jan 2001
Current Registered Agent:	ROBERT SHILLINGTON 136 BRIDON WAY JEROME, ID 83338
File Number:	W14064
Date of Last Annual Report:	13 Nov 2007

Original Filing:

	[Help Me Print/View TIFF]
Filed 10 Jan 2001	ARTICLES OF ORGANIZATION
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Amendments:

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Annual Reports:

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Report for year 2008	ANNUAL REPORT
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Report for year 2007	ANNUAL REPORT
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	View Image (TIFF format)
Report for year 2006	ANNUAL REPORT
	View Image (PDF format)
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Report for year 2005	ANNUAL REPORT
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Report for year 2004	ANNUAL REPORT
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Report for year 2002	ANNUAL REPORT
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Report for year 2002	ANNUAL REPORT
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No. W 14064		Due no later than January 31, 2008 Annual Report Form	
Return to: SECRETARY OF STATE 450 NORTH FOURTH STREET PO BOX 83720 BOISE, ID 83720-0080		1. Mailing Address - Correct in this box if applicable: LAST RANCH, LLC 136 BRIDON WAY JEROME, ID 83338	
NO FILING FEE IF RECEIVED BY DUE DATE 4. Limited Liability Companies: Enter Names and Addresses of Managers.		2. Registered Agent and Office NO PO BOX ROBERT SHILLINGTON 136 BRIDON WAY JEROME, ID 83338	
Office held Name Street or P.O. Address City State Zip Managing Partner Robert Shillington 136 Bridon Way Jerome ID 83338 Partner Ron Ambrose 136 Bridon Way Jerome ID 83338 Partner Mike Tremblay 136 Bridon Way Jerome ID 83338 Partner John Lezarniz 136 Bridon Way Jerome ID 83338		3. New Registered Agent Signature	
5. Organized Under the Laws of: IDAHO W 14064		6. Signature Date Title <i>Ken Ambrose</i> 11-04-07 Partner	

Issued 11/01/2007

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