

Transfer No. 74345

Receipt No. 5029868

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1**

1. Applicant Information EAST RIDGE MILK LLC
C/O PAUL DUNCAN
100 S 750 E
RUPERT ID 83350
(208)312-4800

RECEIVED**DEC 10 2007**DEPT. OF WATER RESOURCES
SOUTHERN REGIONWill this transfer result in an ownership change? _____ Yes ☒ No**2. Current Water Right****Part 2 Attached for Each Right**

	Origin/Basis	Rate	Volume	Acre Limit	Total Acres	Source
45-14019	WR/Decreed	2.05	416.0		104.0	GROUND WATER
45-7232E	WR/Decreed	1.36	272.0		68.0	GROUND WATER

3. Purpose of Transfer (Change Proposed)**Part 3A Attached for Each Proposed Right****Part 3B Attached for Each Split Right**

Right	Split	POD	POU	Add POD	Period of Use	Nature of Use
45-14019	YES	NO	YES	YES	YES	YES
45-7232E	NO	NO	YES	YES	YES	YES

Describe the reason for the proposed changes

Land is being dried up so a new dairy can be built on the property. Two new wells will be drilled to provide water for the dairy.

4. FOR CHANGES IN NATURE OF USE ONLY**A. Describe the expected quantity of the return flows and location of discharge after the proposed change**

Land will ponded and land applied as required by nutrient-management plan.

B. Describe the effects on other water uses resulting from the proposed change

N/A

5. Total Amounts Transferred

	Rate	Acre Limit	Total Acres	Volume
45-14099	0.13 cfs			91.6 af
45-7232E	1.36 cfs			204.7 af
TOTAL	1.49 cfs			296.3 af

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DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1**

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 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.

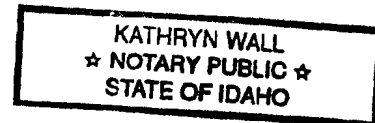
Ray Roberson
(Signature of Applicant)

Pres.
(Title or Office)

Subscribed and sworn to before me this 10th day of December, 20 07.

Kathryn Wall
(Notary Public)

My commission expires 3/19/08



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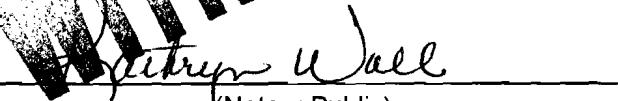
**STATE OF IDAHO
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PART 1**

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 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.


(Signature of Applicant)

(Title or Office)

Subscribed and sworn to before me this 10th day of December, 2007.


(Notary Public)

My commission expires 3/19/08

KATHRYN WALL
★ NOTARY PUBLIC ★
STATE OF IDAHO

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**IDAHO DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 2**

Current Water Right No. 45-14019

Priority Date: February 10, 1981

Origin: Water Right

Basis: Decreed

Status: Active

Source: GROUND WATER

<u>Beneficial Use</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>	<u>Subuse Code</u>
IRRIGATION	04/01	10/31	2.05 CFS	416.0 AFA	
	Total Diversion		2.05 CFS	416.0 AFA	

Source and Point(s) of Diversion:

GROUND WATER NESESW Sec. 34 Twp 09S Rge 25E CASSIA County

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
09S 25E 34												34.0	34.0			36.0	104.0

Total Acres: 104

Conditions/Remarks:

1. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.0 afa per acre at the field headgate for irrigation of the lands above.
2. Rights 45-7232E and 45-14019 when combined shall not exceed a total diversion rate of 2.05 cfs.
3. The right holder shall measure and annually report diversions of water and/or other pertinent hydrologic and system information as required by Section 42-701, Idaho Code.
4. The use of water for irrigation under this right may begin as early as March 15 and may continue to as late as November 15, provided other elements of the right are not exceeded. The use of water before April 1 and after October 31 under this remark is subordinate to all water rights having no subordinated early or late irrigation use and a priority date earlier than May 13, 2005.
5. Pursuant to Section 42-1412(6), Idaho Code, this water right is subject to such general provisions necessary for the definition of the rights or for the efficient administration of water rights as may be determined by the Snake River Basin Adjudication court at a point in time no later than the entry of the final unified decree.

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Documentation of Ownership of the Current Place of Use
Warranty Deed

Is this property subject to any liens, deeds of trust, mortgages, or contracts or other encumbrances?

Yes

Describe the effect on the current place of use for this water right if the place of use is changed pursuant to this transfer

Some of the land will be dried up and converted to dairy use.

To your knowledge, has any portion of the water right undergone a period of five(5) or more consecutive years of non-use?

No

WITHDRAWN

Transfer No. 74345

Receipt No. _____

**IDAHO DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 2**

Current Water Right No. 45-7232E

Priority Date: March 13, 1975

Origin: Water Right

Basis: Decreed

Status: Active

Source: GROUND WATER

<u>Beneficial Use</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>	<u>Subuse Code</u>
IRRIGATION	04/01	10/31	1.36 CFS	272.0 AFA	
	Total Diversion		1.36 CFS	272.0 AFA	

Source and Point(s) of Diversion:

GROUND WATER NESESW Sec. 34 Twp 09S Rge 25E CASSIA County

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
09S	25E	34									34.0	34.0							68.0

Total Acres: 68

Conditions/Remarks:

1. This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.
2. The use of water for irrigation under this right may begin as early as March 15 and may continue to as late as November 15, provided other elements of the right are not exceeded. The use of water before April 1 and after October 31 under this remark is subordinate to all water rights having no subordinated early or late irrigation use and a priority date earlier than May 13, 2005.
3. Rights 45-7232E and 45-14019 when combined shall not exceed a total diversion rate of 2.05 cfs.
4. The right holder shall measure and annually report diversions of water and/or other pertinent hydrologic and system information as required by Section 42-701, Idaho Code.
5. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.0 afa per acre at the field headgate for irrigation of the lands above.

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Documentation of Ownership of the Current Place of Use

N/A

Is this property subject to any liens, deeds of trust, mortgages, or contracts or other encumbrances?

YES

Describe the effect on the current place of use for this water right if the place of use is changed pursuant to this transfer

Land will be dried up and converted to a dairy

To your knowledge, has any portion of the water right undergone a period of five(5) or more consecutive years of non-use?

NO

WITHDRAWN

Transfer No. 74345

Receipt No. _____

**IDAHO DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 3A**

Proposed Water Right No. 45-14099

Priority Date: February 10, 1981

Origin:

Basis: Decreed

Status: Pending
Transfer**Source:** GROUND WATER

<u>Beneficial Use</u>	<u>From To</u>	<u>Diversion Rate</u>	<u>Volume</u>	<u>Subuse Code</u>
STOCKWATER	01/01 12/31	0.13 CFS	91.6 AFA	
COMMERCIAL	01/01 12/31	0.13 CFS	91.6 AFA	Dairy
Total Diversion		0.13 CFS	91.6 AFA	

Source and Point(s) of Diversion:

GROUND WATER NWSESW Sec. 34 Twp 09S Rge 25E CASSIA County

GROUND WATER NWSESW Sec. 34 Twp 09S Rge 25E CASSIA County

Describe the proposed diversion system

Point of Diversion # 1 New well to be drilled, motor & pump to be installed, mainlines to barn & corrals

(east well)

Point of Diversion # 2 New well to be drilled, motor & pump to be installed, mainlines to barn & corrals

(west well)

PLACE OF USE: STOCKWATER

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
09S 25E 34									X	X	X	X					

PLACE OF USE: COMMERCIAL

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
09S 25E 34												X					

**IDAHO DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 3A**

Proposed Water Right No. 45-7232E

Priority Date: March 13, 1975

Origin: Water Right

Basis: Decreed

Status: Pending
Transfer

Source: GROUND WATER

<u>Beneficial Use</u>	<u>From To</u>	<u>Diversion Rate</u>	<u>Volume</u>	<u>Subuse Code</u>
COMMERCIAL	01/01 12/31	1.36 CFS	204.7 AFA	Dairy
STOCKWATER	01/01 12/31	1.36 CFS	204.7 AFA	
Total Diversion		1.36 CFS	204.7 AFA	

Source and Point(s) of Diversion:

GROUND WATER NWSESW Sec. 34 Twp 39S Rge 25E CASSIA County

GROUND WATER NWSESW Sec. 34 Twp 39S Rge 25E CASSIA County

Describe the proposed diversion system

Point of Diversion # 1 New well to be drilled, motor & pump to be installed, mainlines to barn & corrals

(east well)

Point of Diversion # 2 New well to be drilled, motor& pump to be installed, mainlines to barn & corrals

(west well)

PLACE OF USE: COMMERCIAL

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
09S 25E 34												X					

PLACE OF USE: STOCKWATER

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
09S 25E 34									X	X	X	X					

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**IDAHO DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 3B**

PORTION OF RIGHT No. 45-14019 BEING TRANSFERRED

Priority Date: February 10, 1981

Origin:

Basis: Decreed

Status: Pending
Transfer**Source:** GROUND WATER

<u>Beneficial Use</u>	<u>From To</u>	<u>Diversion Rate</u>	<u>Volume</u>	<u>Sub-use Code</u>
IRRIGATION	04/01 10/31	0.13 CFS	121.6 AFA	
	Total Diversion	0.13 CFS	121.6 AF	

Source and Point(s) of Diversion:

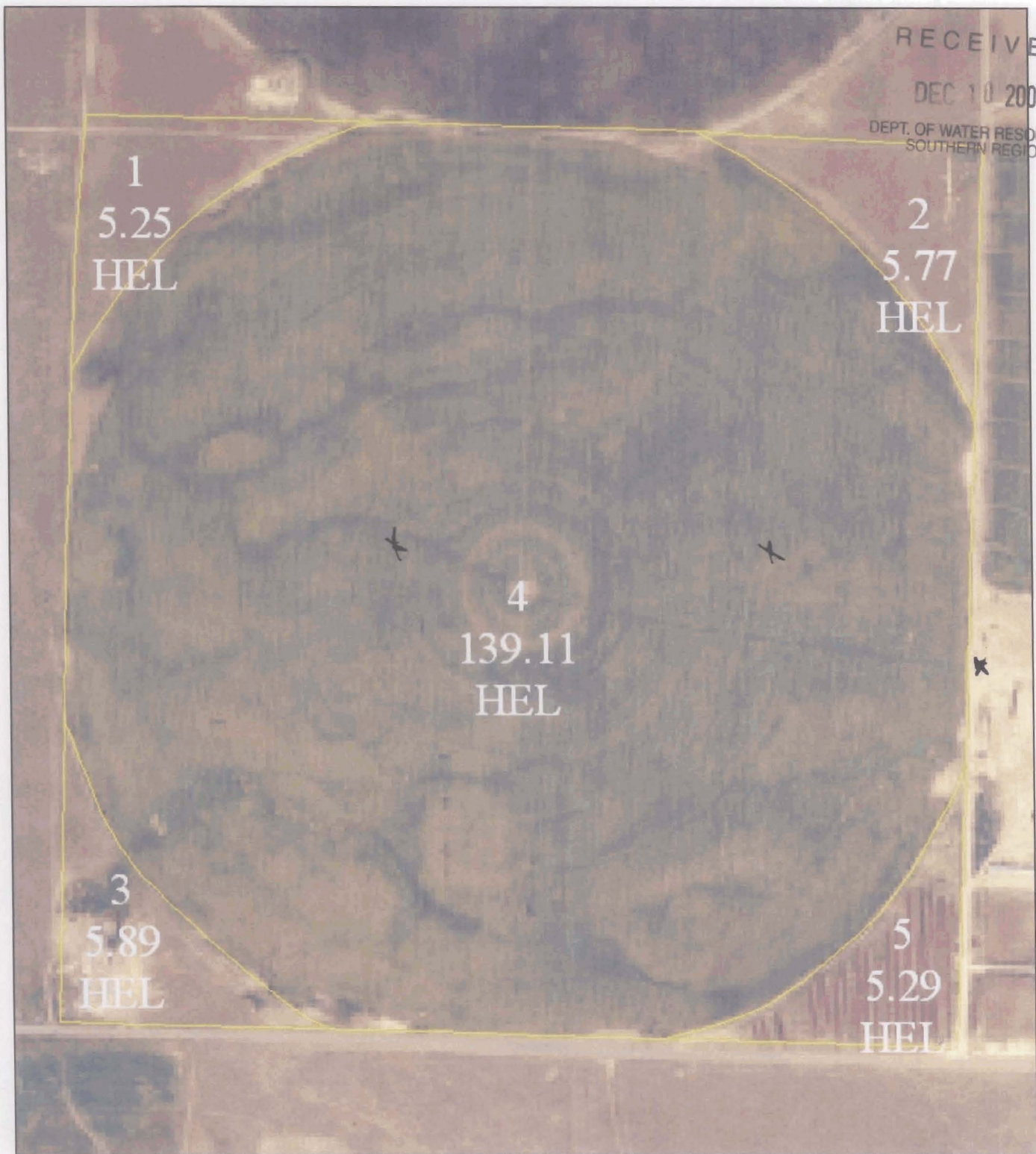
GROUND WATER NESESW Sec. 34 S Rge 25E CASSIA County

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
09S 25E 34																	30.4

Total Acres: 30.4

PKD Properties 9S 25E Sec. 34 SW 4



United States Department of Agriculture
Farm Service Agency

1:4,872



January 27, 2006

Cassia County

**Farm 4583
Tract 1915**

0 345 690 1,380 Feet

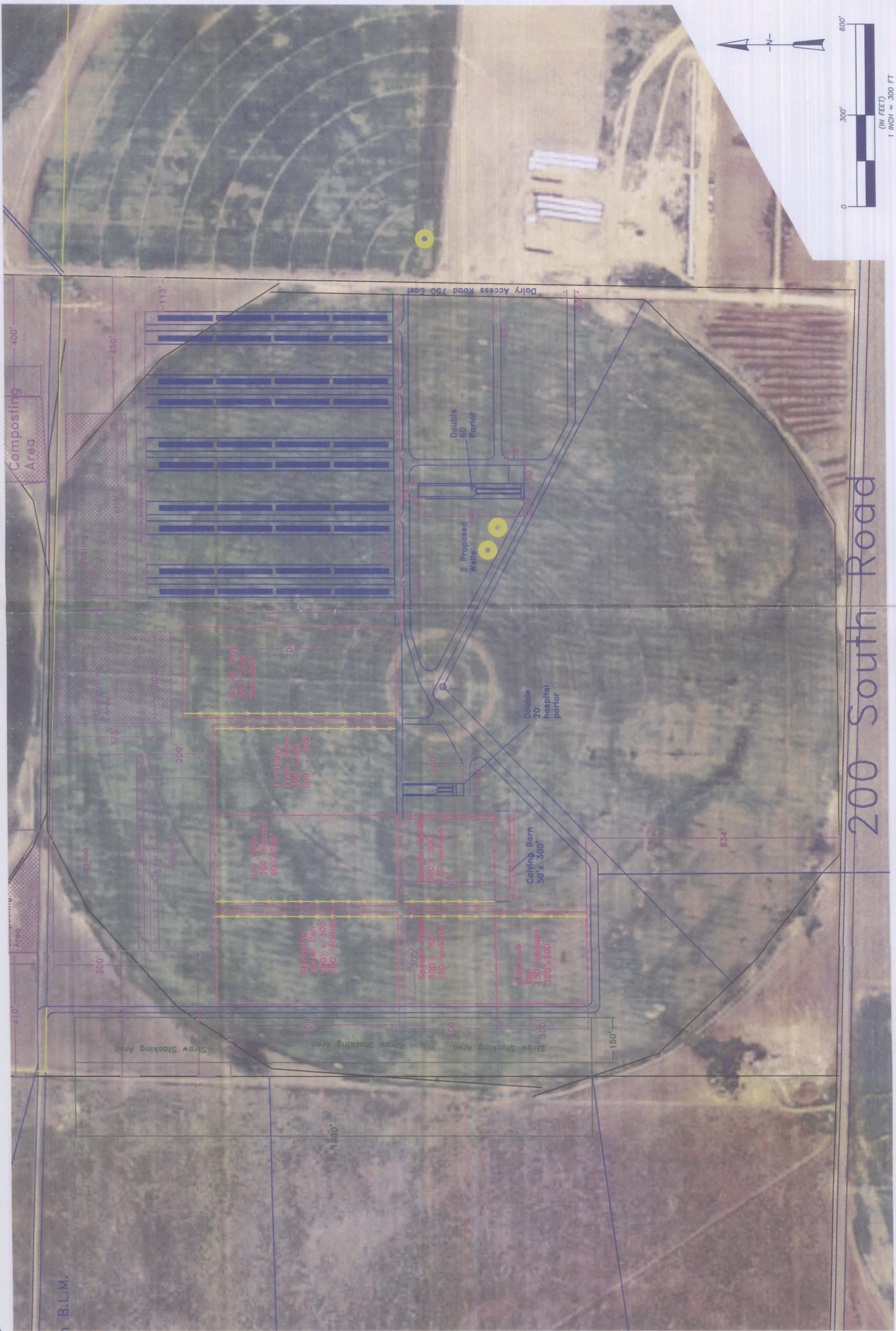


AgTec Engineering &
Environmental Associates
1182 Eastland Dr. N. Suite A
Twin Falls, ID 83301
(208) 731-8640

Eastridge Milk #3

East Ridge Milk

SCALE: 1" = 300'	DESIGNED: MWT	DRAFTED: CDN	CHECKED: N/A	DATE: 11/26/07	SHEET: 1 OF 1
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200 South Road



Dairy Water Use Requirements

Date 10/25/2007

	Owner/Operator Info	Facility Info
Name:	East Ridge #3	East Ridge #3
Address:	0	0
Telephone:	0	0
Fax:	0	0
City:	0	0
State:	0	0
Zip Code:	0	0
County:	Cassia	Cassia
GPS - Latitude	0	0
Longitude	0	0

WITHDRAWN

Dairy Stock Water Requirements

Water Use estimates are based on Producer Determined level of milk production

Animal Type	# of Animals	Animal Weight (lbs)	Animal Units	Drinking Requirement (gal/hd/day)	Drinking Requirement (gal/day)	Total Drinking (gal/yr)	Reference
Lactating cow	4,650	1,400	6,510.0	45.0	209,250	76,376,250	PRODUCER INFORMATION
Dry Cow	450	1,400	630.0	14.0	6,300	2,299,500	PRODUCER INFORMATION
Heifer	350	1,000	350.0	10.0	3,500	1,277,500	PRODUCER INFORMATION
none	0	0	0.0	0.0	0	0	0
none	0	0	0.0	0.0	0	0	0
none	0	0	0.0	0.0	0	0	0
none	0	0	0.0	0.0	0	0	0
Totals	5,450		7,490.0		219,050	79,953,250	

Stock water requirement in acre ft/ year

245.4

Stock water pumping diversion in cfs

0.339

WITHDRAWN

Wash Water Sizing

	Barn 1	Barn 2	Barn 3	Barn 1 Breakdown below
# Cows milked	4,200	600	0	
Stations/side	60	20	1	
Strings/milking	70	30	0	
Milkings per Day	3	3	3 milkings/day	
Cow Prep.	6,300	900	0 Gal/day	3 milkings/day 0.5 Gal/cow/milking
Bulk Tank	1,200	800	0 Gal/day	
Pipelines	1,440	600	0 Gal/day	4 cycles/wash 120 gallons/cycle
Claw Back flush	12,600	0	0 Gal/day	0.25 gal/cycle 4 cycles/wash
Parlor Hand Washdown	2,700	1,350	0 Gal/day	30 gal/min. 30 min/milking
Deck Sprays	10,500	1,500	0 Gal/day	300 gal/min 10 Runtime sec. 210 cycles/day
Deck Flush	0	0	0 Gal/day	0 gal/min. 1 min/cycle 0 cycles/day
Holding Pen Flush	0	0	0 Gal/day	0 gal/min. 1 min/cycle 0 cycles/day
Holding Pen Hand Washdown	2,700	1,800	0 Gal./day	30 Gal./min. 30 min./milking
Sprinkler Pen Water Use	0	0	0 Gal./day	0
Milk Room Cleaning	200	100	0 Gal./day	
Miscellaneous	400	200	0 Gal./day	
	38,040	7,250	0	Total Parlor Volume/day gallons
	915,401	174,465	0	180 Day Parlor Wash Volume ft3
Yearly Parlor Wash Volume		16,530,850	Gallons/year	Notes
Yearly Parlor Wash Volume		50.73	Acre Ft/year	0
Commercial Diversion Rate		0.070	CFS	

Recyclable Water Use

	Barn 1	Barn 2	Barn 3	
Milking Parlor Throughput	600	200	10 Cows/hr	
Time Milking Per Day	21.0	9.0	0 hours/day	
Plate Cooler Water Use	-	14,580	- Gal/day	
Water Cooled Compressor	-	-	- Gal/day	
Water Cooled Vacuum Pump	-	-	- Gal/day	
	-	14,580	-	Total Cooling Parlor Volume/day in gallons

Water Use Evaluation

Clean Water Use	14580 Gal/day
Cow Drinking water use	219050 Gal/day
Commercial Parlor Use	45290 Gal/day
Net Excess Cooling Water	0 Gal/day
Yearly Parlor Cooling Volume (amount exceeding that recycled)	0.0 Acre Ft/year



Water Use Totals

Water Use estimates are based on Producer Determined level of milk production

Stock water Requirement	245.4 Acre Ft/yr
Commercial Parlor Use	50.7 Acre Ft/yr
Additional Cooling Use	0.0 Acre Ft/yr

Total Water Use Estimate

296.1 Acre Ft/yr

Total Diversion Rate

0.41 Cubic Feet/Second (CFS)

183.6 GPM

(this diversion rate is the minimum rate required to pump
the above water use estimate 24/7/365)

WITHDRAWN