

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

MAR 23 2007

DEPT. OF WATER RESOURCES
SOUTHERN REGIONAMENDED APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1

Name of Applicant CASSIA CREEK FARMS LLC Phone (925) 837-1450

Post Office address PO BOX 580 DANVILLE, CA 94526

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 This application proposes changing the nature of use of a portion of water right 43-2471 from irrigation to commercial and stock water associated with a proposed dairy. The point of diversion, place of use, and period of use of the transferred portion are correspondingly changed. The places of use and points of diversion are changed for portions of irrigation water rights 43-2472, 43-2475, and 43-2569, moving them from the dairy site to other locations within the farm.

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
TBD* *portion of 43-2471	7/7/1959	2.27 cfs / 544 acre-ft	commercial	1/1 to 12/31
		2.27 cfs / 544 acre-ft	stock water	1/1 to 12/31
TBD* *portion of 43-2472	7/7/1959	3.34 cfs / 700 acre-ft	irrigation	3/15 to 11/15
TBD* *portion of 43-2569	9/4/1963	0.73 cfs / 355.27 acre-ft	irrigation	3/15 to 11/15
TBD* *portion of 43-2475	7/7/1959	0.11 cfs / 24 acre-ft	irrigation	3/15 to 11/15

2. Total amount of water being transferred 2.27 cubic feet per second and/or 544 acre-feet per annum (stockwater & commercial group).

Total amount of water being transferred 3.67 cubic feet per second and/or 830.79 acre-feet per annum (irrigation group).

3. Source of water Ground Water tributary to _____

4. Point(s) of Diversion: Commercial, Stockwater, and Irrigation use at the Dairy Site

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion
	SE	NW	SW	1	11S	26E	Cassia	Existing well <u>43-2471</u>
	SE	NE	SE	1	11S	26E	Cassia	Existing well <u>43-2472</u>
2	NE	NW	NE	6	11S	27E	Cassia	Existing well <u>43-2475</u>
		SE	NW	6	11S	27E	Cassia	Two new wells
		SW	NW	6	11S	27E	Cassia	One new well

For irrigation use:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion
		NW	SW	1	11S	26E	Cassia	Existing well ✓ 43-2472 9+12-11S
		NE	SE	1	11S	26E	Cassia	Existing well ✓ 43-2472 9+12-11S
4		NW	SE	4	11S	27E	Cassia	Existing well 43-2569 4+93-27E
	4W	SE	NE	5	11S	27E	Cassia	Existing well 43-2569
	2W	NW	SE	32	10S	27E	Cassia	Existing well 43-2569 1+3-32
2	10W	NW	NE	6	11S	27E	Cassia	Existing well ✓ 43-2569
		SE	NW	6	11S	27E	Cassia	Two new wells
		SW	NW	6	11S	27E	Cassia	One new well

5. Lands irrigated or place of use: Water Right 43-2471 (commercial & stockwater use) and 43-2569 (irrigation)

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
11S	27E	6					S L 3	S L 4	C, S L 5	C, S	S L 6	S							
				4	3		38 L 3	45 L 4	46 L 5	39	18 L 6	40							233*
11S	26E	1	S L 1			S									S				

Total Acres 40 irrigated acres within a 233-acre permissible place of use / dairy site.

Water Rights 43-2472 (9 acres of non-overlapped portion), 43-2472 & 43-2569 (115 acres of overlapping portion), 43-2569 (12 acres of non-overlapped portion).

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
43-2472																			
11S	26E	1		9															9
43-2472 & 43-2569 overlapping																			
				7			40	40	28										115
43-2569																			
									12										12

Total Acres 136

Water Rights 43-2472 (23 acres of non-overlapped portion), 43-2475 & 43-2569 (6 acres of overlapping portion).

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
43-2472																			
11S	26E	1											13	10					23
43-2475 & 43-2569 overlapping																			
														6					6

Total Acres 29

Water Right 43-2472 (28 acres of non-overlapped portion).

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
10S	27E	33									22.5	5.5							28

Total Acres 28

PART 1

6. General Information:

a. Description of diversion system Several existing and up to three proposed wells with electric pumps will divert ground water for stock, commercial, and irrigation uses.

b. Are the lands from which you propose to transfer the water right subject to any liens, deeds of trust, mortgages, or contracts?
Yes X 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:
Within the 233-acre dairy site, 193 acres will be dried and no longer irrigated. The associated water rights will be transferred to other land within the project

d. Remarks:

Water right 43-2471 authorizes a total of 360 acres and is partly overlapped by water right 43-2569 by about 192 acres. A 136-acre part of the non-overlapped portion of right 43-2471 is proposed for transfer to stock and commercial use associated with the dairy. The applicant agrees to limit total diversion volume to the consumptive portion of the transferred right. The proposed consumptive portion is based on the irrigation requirement of 880 mm per year from Appendix E of Allen and Brockway (1983), Minidoka Dam climate station, for alfalfa hay, a typical crop grown on the associated land. The consumptive use for 136 acres of alfalfa hay totals 393 acre-feet. This amount is sufficient to meet the anticipated required quantity of 373.3 acre-feet per the attached Dairy Water Use Worksheet plus an additional 5% margin-of-safety volume. This quantity will supply 6000 milking, 1000 dry, and 5000 replacement cows and associated dairy water requirements. Dairy wastewater will be land applied and/or discharged into a lagoon.

Within the dairy site, existing irrigation water rights include 60 acres of the non-overlapped part of 43-2472, 52 acres of the non-overlapped part of 43-2569, 115 acres of overlapping 43-2472 and 43-2569, and 6 acres of overlapping 43-2475 and 43-2569, totaling 233 acres. These rights will be distributed for irrigation as follows: (1) 40-acres of the non-overlapped portion of 43-2569 are used within a 233-acre permissible place of use at the dairy site for landscape and grass cover, (2) 9 acres of the non-overlapped portion of 43-2472, 12 acres of the non-overlapped portion of 43-2569, and 115 acres of the overlapping 43-2472 and 43-2569 are moved to 11S 26E 1 NWNE (16 ac), NENW (40 ac), NWNW (40 ac), and SWNW (40 ac) to replace water transferred from 43-2471 to dairy use, (3) 23 acres of the non-overlapped portion of 43-2472 and 6 acres of the overlapping 43-2475 and 43-2569 are transferred to 11S 26E 1 SWSW (13 ac) and SESW (16 ac) to land not currently covered by existing water rights, and (4) 28 acres of the non-overlapped portion of 43-2472 are transferred to 10S 27E 33 NESW (22.5 ac) and NWSW (5.5 ac) to land not currently covered by existing water rights.

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Transfer of Water Rights No. _____

And the said application is hereby _____, subject to the following conditions:

Witness my hand this _____ day of _____, 20 _____.

For the Director

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**SEE ATTACHED PARTIAL DECREE FOR 43-2471**

1. Right as evidenced by:

- a. Decree No. _____ Decreed to _____
in case of _____ vs. _____
dated _____ 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 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 _____ tributary to _____

4. Date or priority _____

5. Water is used for the following purposes:

amount _____ for _____ purposes from _____ to _____
(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 _____ cubic feet per second and/or _____ acre-feet per annum.

7. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion

8. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Total Acres _____

9. Describe any other water rights used for the same purpose as described above Rights 43-2471, 43-2472 & 43-4199 are together limited to 13 cfs and 3312 ac-ft. Rights 43-2471, 43-2472, 43-2475, 43-2569, 43-4199 are together limited to 25.75 cfs, 5456 ac-ft, and 1364 acres.

PART 2

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

(If the entire right is to be changed by the applicant, omit part B and C.)

1. amount 2.27 cfs / 544 ac-ft for irrigation purposes from 3/15 to 11/15
 (cfs/ac-ft)
 amount _____ for _____ purposes from _____ to _____
 (cfs/ac-ft)
 amount _____ for _____ purposes from _____ to _____
 (cfs/ac-ft)

2. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion
	SE	NW	SW	1	11S	26E	Cassia	

3. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
11S	26E	1		16			40	40	40										136

Total Acres 136

C. DESCRIPTION OF UNCHANGED PORTION OF RIGHT *(omit if there is no change)*

1. amount 3.73 cfs / 896 ac-ft for irrigation purposes from 3/15 to 11/15
 (cfs/ac-ft)
 amount _____ for _____ purposes from _____ to _____
 (cfs/ac-ft)
 amount _____ for _____ purposes from _____ to _____
 (cfs/ac-ft)

2. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion
	SE	NW	SW	1	11S	26E	Cassia	

3. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
11S	26E	1	40	24	40	40				40	40								224

Total Acres 224

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 2

(Attach one copy for each right)

D. DESCRIPTION OF RIGHT AS RECORDED

SEE ATTACHED PARTIAL DECREE FOR 43-2472

1. Right as evidenced by:
- e. Decree No. _____ Decreed to _____
in case of _____ vs. _____
dated _____ in _____ county of _____

f. License No. _____ issued by the Idaho Department of Water Resources.

g. Claim No. _____ on file with the Idaho Department of Water Resources.

h. Transfer No. _____ which produced this right.
2. Attach 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 _____ tributary to _____
4. Date or priority _____
5. Water is used for the following purposes:
- amount _____ for _____ purposes from _____ to _____
(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 _____ cubic feet per second and/or _____ acre-feet per annum.
7. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion

8. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Total Acres _____

9. Describe any other water rights used for the same purpose as described above Rights 43-2471, 43-2472 & 43-4199 are together limited to 13 cfs and 3312 ac-ft. Rights 43-2471, 43-2472, 43-2475, 43-2569, 43-4199 are together limited to 25.75 cfs, 5456 ac-ft, and 1364 acres.

PART 2

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 _____

E. DESCRIPTION OF PORTION OF RIGHT BEING TRANSFERRED

(If the entire right is to be changed by the applicant, omit part B and C.)

1. amount 3.34 cfs / 700 ac-ft for irrigation purposes from 3/15 to 11/15
(cfs/ac-ft)

Explanation: 1.17 cfs / 60 acres / 240 ac-ft non-overlapped portion

2.17 cfs / 115 acres / 460 ac-ft overlapped with 43-2569

2. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion
		NE	SE	1	11S	26E	Cassia	

3. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
11S	26E	6					38 LT 3	40 LT 4	40 LT 5		18	39 LT 6							175

Total Acres 175

F. DESCRIPTION OF UNCHANGED PORTION OF RIGHT (omit if there is no change)

1. amount 3.66 cfs / 740 ac-ft for irrigation purposes from 3/15 to 11/15
(cfs/ac-ft)

2. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion
		NE	SE	1	11S	26E	Cassia	

3. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
11S	26E	1													38			35	73
11S	27E	6					2 LT 3				22	5 LT 6	43 LT 7	40					112

Total Acres 185

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 2

(Attach one copy for each right)

G. DESCRIPTION OF RIGHT AS RECORDED SEE ATTACHED PARTIAL DECREE FOR 43-2569

1. Right as evidenced by:
- i. Decree No. _____ Decreed to _____
in case of _____ vs. _____
dated _____ in _____ county of _____
 - j. License No. _____ issued by the Idaho Department of Water Resources.
 - k. Claim No. _____ on file with the Idaho Department of Water Resources.
 - l. Transfer No. _____ which produced this right.
2. Attach 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 _____ tributary to _____

4. Date or priority _____

5. Water is used for the following purposes:

amount _____	for _____	purposes from _____	to _____
(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 _____ cubic feet per second and/or _____ acre-feet per annum.

7. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion

8. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Total Acres _____

9. Describe any other water rights used for the same purpose as described above Rights 43-2475 & 43-2569 are together limited to 3890 ac-ft and 1063 acres. Rights 43-2471, 43-2472, 43-2475, 43-2569, 43-4199 are together limited to 25.75 cfs, 5456 ac-ft, and 1364 acres.

PART 2

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 _____

H. DESCRIPTION OF PORTION OF RIGHT BEING TRANSFERRED

(If the entire right is to be changed by the applicant, omit part B and C.)

1. amount 0.73 cfs / 355.3 ac-ft for irrigation purposes from 3/15 to 11/15
(cfs/ac-ft)

Explanation: 0.22 cfs / 52 acres / 106.8 ac-ft non-overlapped portion

0.51 cfs / 121 acres / 248.5 ac-ft overlapped with 43-2472 and 43-2475

2. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion
5		SW	NW	6	11S	27E	Cassia	

3. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
11S	26E	6		4 LT 2	2		38 LT 3	34 LT 4	18 LT 5	39	13.5	24.5 LT 6							173

Total Acres 173

I. DESCRIPTION OF UNCHANGED PORTION OF RIGHT (omit if there is no change)

1. amount 3.52 cfs / 1714.7 ac-ft for irrigation purposes from 3/15 to 11/15
(cfs/ac-ft)

2. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion
5		SW	NW	6	11S	27E	Cassia	

3. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
11S	26E	1	40 LT 1	12 LT 2	39	40				22	40	2		13	38	36	2	35	319
	27E	5										40	40						80
	27E	6	40 LT 1	36 LT 2	38	40	2 LT 3	6 LT 4	6 LT 5	1	22.5	9.5 LT 6	35 LT 7	40	40	40	40	40	436

Total Acres 835

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 2
(Attach one copy for each right)

J. DESCRIPTION OF RIGHT AS RECORDED SEE ATTACHED PARTIAL DECREE FOR 43-2475

1. Right as evidenced by:
- m. Decree No. _____ Decreed to _____
in case of _____ vs. _____
dated _____ in _____ county of _____
 - n. License No. _____ issued by the Idaho Department of Water Resources.
 - o. Claim No. _____ on file with the Idaho Department of Water Resources.
 - p. Transfer No. _____ which produced this right.
2. Attach 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 _____ tributary to _____
4. Date or priority _____
5. Water is used for the following purposes:
- amount _____ for _____ purposes from _____ to _____
(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 _____ cubic feet per second and/or _____ acre-feet per annum.
7. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion

8. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Total Acres _____

9. Describe any other water rights used for the same purpose as described above Rights 43-2475 & 43-2569 are together limited to 3890 ac-ft and 1063 acres. Rights 43-2471, 43-2472, 43-2475, 43-2569, 43-4199 are together limited to 25.75 cfs, 5456 ac-ft, and 1364 acres.

PART 2

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 _____

K. DESCRIPTION OF PORTION OF RIGHT BEING TRANSFERRED

(If the entire right is to be changed by the applicant, omit part B and C.)

1. amount 0.07 cfs / 22 ac-ft for _____ irrigation _____ purposes from 3/15 to 11/15
(cfs/ac-ft)

Explanation: 0.07 cfs / 6 acres / 22 ac-ft overlapped with 43-2569

2. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion
2		NW	NE	6	11S	27E	Cassia	

3. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
11S	27E	6		4 LT 2	2														6

Total Acres 6

L. DESCRIPTION OF UNCHANGED PORTION OF RIGHT (omit if there is no change)

1. amount 8.43 cfs / 1798 ac-ft for _____ irrigation _____ purposes from 3/15 to 11/15
(cfs/ac-ft)

2. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion
2		NW	NE	6	11S	27E	Cassia	

3. Lands irrigated or place of use:

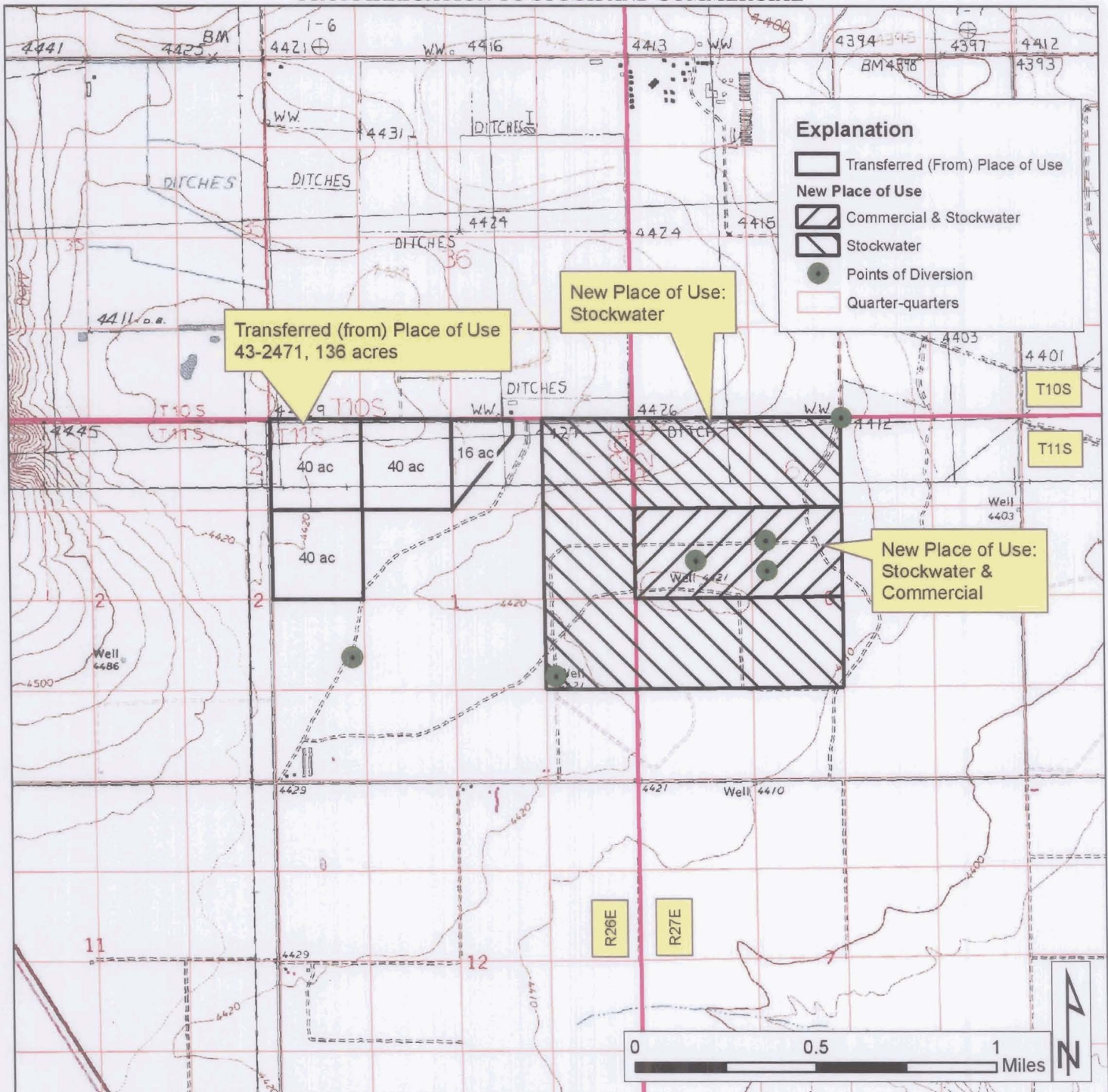
Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
10S	27E	31															35	20	55
11S	27E	5									40	40							80
		6	40 LT 1	36 LT 2	38	40									40	40	40	40	314

Total Acres 449

APPLICATION FOR TRANSFER OF WATER RIGHT

PART 3

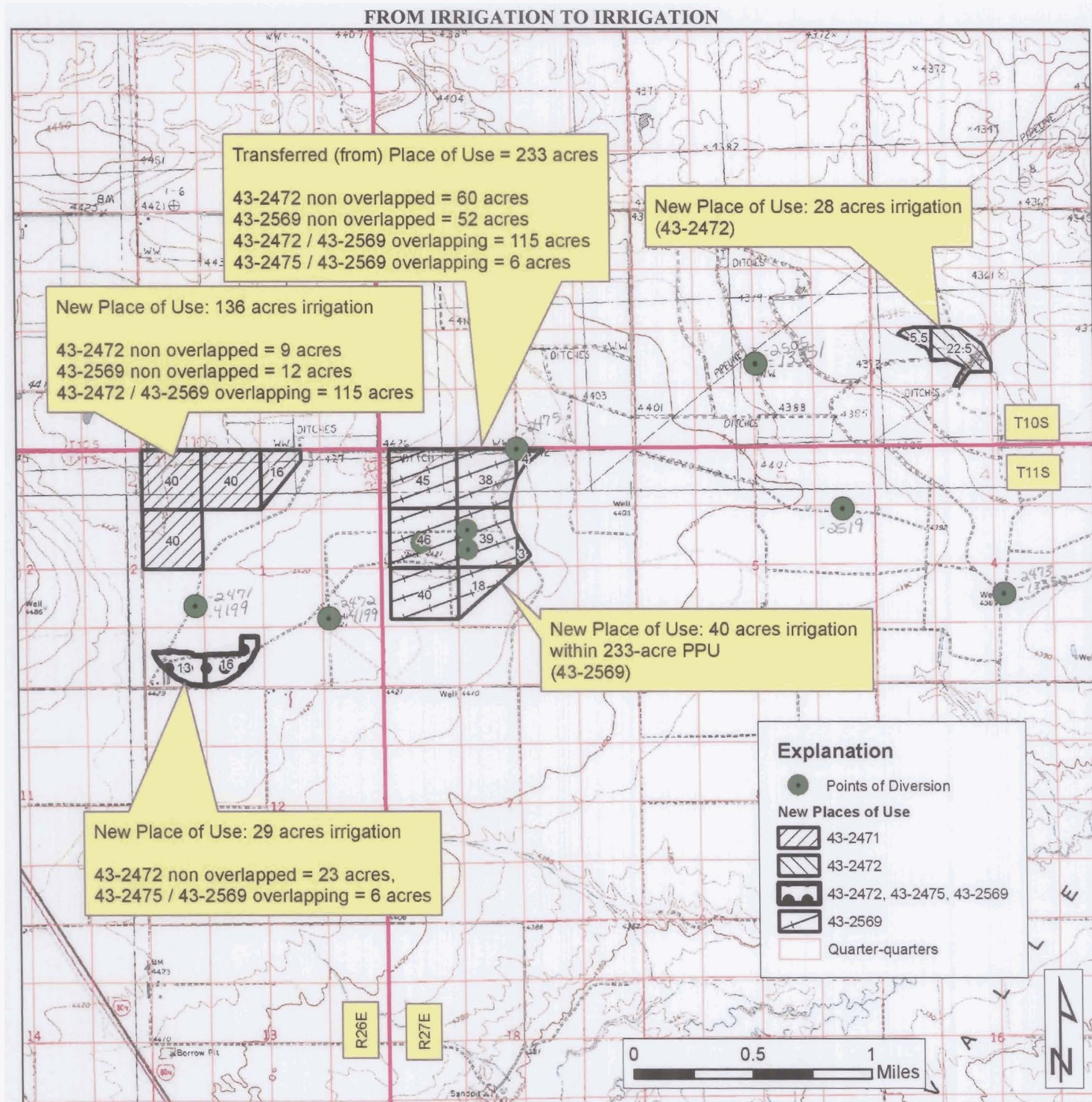
- ## FROM IRRIGATION TO STOCK AND COMMERCIAL



**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 the rights described in part 1. Clearly depict the land by section, township and range number.**



24

19

20

21

25

30

29

28

36

31

32

33

43-13351

43-2505
43-13351

43-2475

43-2519

43-2471
43-4199

43-2569

1

6

5

4

43-2472
43-4199

43-2473
43-13352

43-2516
43-13352

12

7

8

9

13

18

17

16

PART 3**B. CHANGES IN NATURE OF USE**

1.	New Nature of Use	Amount(cfs/ac-ft)	Hours/days/year	Period of Use
	Commercial & stockwater	2.27 cfs / 393 ac-ft	avg 5.7 hr/day, 365 days/yr	1/1 to 12/31
				to

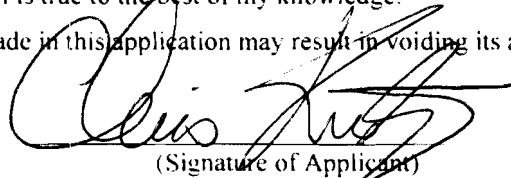
Quantity and quality of return flows and location of discharge: No anticipated return flows. Dairy wastewater will be land applied and/or discharged to a lagoon.

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

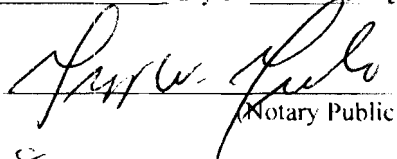
This transfer will result in a reduction of 136 irrigated acres. The 393 acre-feet of stock and commercial use will be offset by the corresponding reduction in irrigated acres.

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.

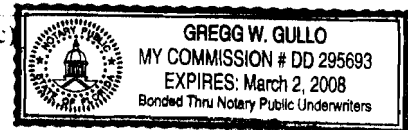
I understand that any willful misrepresentations made in this application may result in voiding its approval.


(Signature of Applicant)

Subscribed and sworn to before me this 14th day of March, 2007


(Notary Public)

My commission expires March 2, 2008

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PROJECT _____ Cassia Creek Farms
PREPARED BY _____ SPW Water Engineering / Scott King
DATE _____ February 28, 2007

DAIRIES: WATER USE WORKSHEET

REQUIRED DAIRY DATA

NUMBER OF MILKING CATTLE _____ 6000
NUMBER OF DRY CATTLE _____ 1000
NUMBER OF REPLACEMENT CATTLE: 0-2 MONTHS _____ 833
3-4 MONTHS _____ 833
5-8 MONTHS _____ 833
9-12 MONTHS _____ 833
13-15 MONTHS _____ 834
16-24 MONTHS _____ 834
ENTER 1 FOR MANUAL COW WASHING, 2 FOR AUTOMATIC COW WASHING,
OR 3 IF SPRINKLERS ARE USED TO FLUSH HOLDING PEN AND WASH COWS _____ 2
IF SPRINKLERS ARE USED: NUMBER OF SPRINKLERS IN HOLDING PEN _____ 20
NOZZLE DISCHARGE (USE 5.0 GPM IF UNKNOWN) _____ 5.00
TOTAL OPERATION TIME OF SPRINKLERS (MIN/DAY) _____ 600
NUMBER OF MILKINGS PER DAY _____ 3
AVG. LBS. OF MILK PRODUCED PER DAY PER ANIMAL (IDAHO AVG IS 70 LBS.) _____ 80
ARE THERE SEPARATE PUMPS FOR COMMERCIAL AND STOCKWATER USES? _____ N
IF SO: HOW MANY HOURS PER DAY DOES THE STOCKWATER PUMP RUN? _____
HOW MANY HOURS PER DAY DOES THE COMMERCIAL PUMP RUN? _____
IF ONLY ONE PUMP, HOW MANY TOTAL HOURS PER DAY DOES IT RUN? _____ 12.0
IS A PLATE COOLER USED? _____ Y
IS PLATE COOLER WATER LATER RECYCLED FOR OTHER USES? (IF NO PLATE
COOLER, LEAVE BLANK) _____ Y
ARE CORRAL MISTERS USED IN HOLDING PEN? _____ Y
IF USING CORRAL MISTERS: NUMBER OF MISTERS (IF UNKNOWN,
ASSUME 1 MISTER FOR EVERY 5 COWS) _____ 1567
NOZZLE DISCHARGE (USE 5GPH IF UNKNOWN) _____ 5.00
SPRAY INTERVAL (EX - 2 MIN ON EVERY 5 MIN = 2/5) _____ 2/5
OPERATION TIME OF MISTERS (HRS/DAY) _____ 10
DAYS PER YEAR MISTERS ARE USED _____ 80
ENTER A TOTAL VOLUME IN GPD FOR MISCELLANEOUS WATER USES NOT
INDIVIDUALLY CALCULATED BELOW (EX - RESTROOMS, WASHING MACHINES) _____ 2500

CALCULATIONS

DIVERSION RATE (CFS):

STOCKWATER
MILKING CATTLE (BASED ON MILK PRODUCTION) _____ ****
DRY CATTLE @17.0 GPD/HD _____ ****
REPLACEMENT CATTLE _____ ****
TOTAL _____ 1.17
COMMERCIAL
TOTAL _____ 1.17
TOTAL DIVERSION RATE _____ 1.17

DIVERSION VOLUME (AFA):

STOCKWATER
MILKING CATTLE _____ 221.6
DRY CATTLE _____ 15.1
REPLACEMENT CATTLE _____ 33.7
TOTAL _____ 270.4
COMMERCIAL
WASHING OF BULK TANK AND RELATED EQUIPMENT _____ 0.6
BACKFLUSH _____ 10.1
PARLOR/MILKHOUSE/HOLDING PEN CLEANUP _____ 3.0
CATTLE WASHING BASED UPON METHOD OF WASHING _____ 80.7
PLATE COOLER _____ 0.0
CORRAL MISTERS _____ 5.8
MISCELLANEOUS USES _____ 2.8
TOTAL _____ 102.9

TOTAL DIVERSION VOLUME _____ 373.3

CONSUMPTIVE USE VOLUME (AFA)(assuming 100% consumptive):

STOCKWATER _____ 270.4
COMMERCIAL _____ 102.9
TOTAL CONSUMPTIVE USE _____ 373.3
WITH 5% MARGIN OF SAFETY _____ 392.0

THEORETICAL FLOW ESTIMATION WORKSHEET

REQUIRED PUMP INFORMATION

	PUMP 1	PUMP 2	PUMP 3	PUMP 4	PUMP 5
PUMP HORSEPOWER (HP) _____	75.00		0.00	0.00	0.00
PUMP EFFICIENCY (%) _____	70		70	70	70
LIFT (FT) _____	200		0	0	0
DISCHARGE PRESSURE (PSI) _____	75		0	0	0
FRICTION LOSSES (FT) _____	5.0		0.0	0.0	0.0
HOURS PER DAY PUMP OPERATES _____	12.0		0.0	0.0	0.0

CALCULATIONS

THEORETICAL FLOW RATE (CFS) * _____	1.22	0.00	0.00	0.00	0.00
DIVERSION VOLUME (AFA) ** _____	442.1	0.0	0.0	0.0	0.0

* IF PUMP EFFICIENCY IS UNKNOWN, 70% MAY BE ASSUMED.

** DIVERSION VOLUME IS THE ABSOLUTE MAXIMUM VOLUME BASED ON THE
THEORETICAL FLOW RATE ASSUMING PUMP RUNS EVERY DAY OF THE YEAR.

EVALUATION OF EQUIVALENT IRRIGATED ACREAGE

IRRIGATION RIGHT (BEFORE CHANGE): 43-2471

DIVERSION RATE _____	6.00 CFS
ACRES OF IRRIGATION _____	360.0 ACRES
DIVERSION VOLUME _____	4.0 AC-FT/AC
CONSUMPTIVE USE VOLUME _____	2.9 AC-FT/AC
IRRIGATION IS BEING CONVERTED FOR WHICH PORTION OF THE DAIRY OPERATION - STOCKWATER (S), COMMERCIAL (C), OR BOTH (B)? _____ B	

CALCULATIONS

IRRIGATION DIVERSION RATE PER ACRE _____	0.017 CFS/AC
REDUCTION OF IRRIGATION BASED ON DIVERSION RATE _____	70.2 ACRES
REDUCTION OF IRRIGATION BASED ON DIVERSION VOLUME _____	93.3 ACRES
REDUCTION OF IRRIGATION BASED ON CONSUMPTIVE USE _____	129.2 ACRES
REDUCTION OF IRRIGATION BASED ON CONSUMPTIVE USE WITH 5% MOS _____	135.6 ACRES

TRANSFERRED QUANTITIES

Transferred Acres _____	136.00 ACRES
Transferred Diversion Rate _____	2.27 CFS
Transferred Diversion Volume _____	544.00 AF
Transferred Consumptive Volume _____	393.0 AF
Margin of Safety _____	5.3%
Unchanged Acres _____	224.00 ACRES
Unchanged Diversion Rate _____	3.73 CFS
Unchanged Diversion Volume _____	896.00 AF

Cassia Creek Farms

Amended Dairy and Irrigation Water Right Transfer, March 2007

Explanation:

Table 1: Water rights impacted by transfer application

Table 2: Portion transferred to dairy use

Table 3: Irrigation water rights at dairy site to be left in place or moved to other locations

Table 4: Irrigation water rights left in place for irrigation at dairy site

Table 5: Irrigation water rights from dairy site moved to 136 acres in 11S 26E Section 1 where water was removed for transfer to dairy use (see Table 2)

Table 6: Irrigation water rights from dairy site moved to 29 acres in 11S 26E Section 1

Table 7: Irrigation water rights from dairy site moved to 28 acres in 10S 27E Sec 33

Table 1 Water Right Portfolio (pre-transfer)								
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	43-2475	43-2569	43-2475 & 43-2569 combined	43-2471	43-2472	43-4199	43-2471, 43-2472 & 43-4199 combined	all combined
priority	7/7/1959	9/4/1963		7/7/1959	7/7/1959	3/15/1962		
cfs	8.5	4.25	12.75	6	7	2.16	13	25.75
af	1820	2070	3890	1440	1440	432	3312	5456
acres	455	1008	1063	360	360	108	828	1364
cfs/acre	0.019	0.004	0.012	0.017	0.019	0.020	0.016	0.019
af/acre	4.00	2.05	3.66	4.00	4.00	4.00	4.00	4.00

Table 2

Transferred to Dairy (Stockwater and Commercial)	
	43-2471
priority	7/7/1959
cfs	2.27
af	544
acres	136

Table 3 Existing Water Rights at 233-acre Dairy Site					
	43-2472 (not overlapped)	43-2472 & 43-2569* (not overlapped)	43-2569 (not overlapped)	43-2475 & 43-2569** (not overlapped)	all combined
cfs	1.17	2.17	0.22	0.07	3.63
af	240	460	106.8	22.0	828.7
acres	60	115	52	6	233.0
cfs/acre	0.019	0.019	0.004	0.012	0.016
af/acre	4.00	4.00	2.05	3.66	3.56

*rate and volume for 43-2472 & 43-2569 combined based on column 8 of Table 1

**rate and volume for 43-2475 & 43-2569 combined based on column 3 of Table 1

Table 4 Left in place at dairy site irrigation, 40 acres within 233-acre ppu					
	43-2472 (not overlapped)	43-2472 & 43-2569 (not overlapped)	43-2569 (not overlapped)	43-2475 & 43-2569 (not overlapped)	all combined
cfs			0.17		0.17
af			82.14		82.1
acres			40		40
cfs/acre			0.004		0.004
af/acre			2.05		2.05

Table 5 Transferred from Dairy Site to 11S 26E Section 1 (136 acres)					
	43-2472 (not overlapped)	43-2472 & 43-2569 (not overlapped)	43-2569 (not overlapped)	43-2475 & 43-2569 (not overlapped)	all combined
cfs	0.18	2.17	0.05		2.40
af	36	460	24.6		520.6
acres	9	115	12		136
cfs/acre	0.019	0.019	0.004		0.018
af/acre	4.00	4.00	2.05		3.83

Table 6 Transferred from Dairy Site to 11S 26E Section 1 (29 acres)					
	43-2472 (not overlapped)	43-2472 & 43-2569 (not overlapped)	43-2569 (not overlapped)	43-2475 & 43-2569 (not overlapped)	all combined
cfs	0.45			0.07	0.52
af	92			22.0	114.0
acres	23			6	29
cfs/acre	0.019			0.012	0.018
af/acre	4.00			3.66	3.93

Table 7 Transferred from Dairy Site to 10S 27E Section 33 (28 acres)					
	43-2472 (not overlapped)	43-2472 & 43-2569 (not overlapped)	43-2569 (not overlapped)	43-2475 & 43-2569 (not overlapped)	all combined
cfs	0.54				0.54
af	112				112.0
acres	28				28
cfs/acre	0.019				0.019
af/acre	4.00				4.00

remainders	cfs	0.00	0.00	0.00	0.00	0.00
	af	0.00	0.00	0.00	0.00	0.00
	acres	0.00	0.00	0.00	0.00	0.00

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLS

In Re SRBA)
) PARTIAL DECREE PURSUANT TO
) I.R.C.P. 54(b) FOR
Case No. 39576)
)
) Water Right 43-02471

2004 MAY -4 PM 3:24
DISTRICT COURT - SRBA
TWIN FALLS CO., IDAHO
FILED *AM*

NAME AND ADDRESS: SUN VALLEY AGRIBUSINESS
PARTNERS LLC
PO BOX 2169
SUN VALLEY, ID 83353

SOURCE: GROUND WATER

QUANTITY: 6.00 CFS

USE OF THE RIGHTS LISTED BELOW IS LIMITED TO A TOTAL COMBINED
DIVERSION RATE OF 13.00 CFS AND TO A TOTAL COMBINED ANNUAL
DIVERSION VOLUME OF 3312 AF. COMBINED RIGHT NOS.: 43-2471,
43-2472, & 43-4199.

USE OF THE RIGHTS LISTED BELOW IS LIMITED TO A TOTAL COMBINED
DIVERSION RATE OF 25.75 CFS AND TO A TOTAL COMBINED ANNUAL
DIVERSION VOLUME OF 5456 AF. COMBINED RIGHT NOS. 43-2471,
43-2472 43-2475, 43-2569 & 43-4199.

PRIORITY DATE: 07/07/1959

POINT OF DIVERSION: T11S R26E S01 SENWSW Within Cassia County

PURPOSE AND PERIOD OF USE:	PURPOSE OF USE	PERIOD OF USE	QUANTITY
	Irrigation	03-15 TO 11-15	6.00 CFS 1440.00 AFY

PLACE OF USE:	Irrigation	Within Cassia County
	T11S R26E S01 LOT 1 (NENE) 40.0	LOT 2 (NWNE) 40.0
		SWNE 40.0
		SENE 40.0
	LOT 3 (NENW) 40.0	LOT 4 (NWNW) 40.0
		SWNW 40.0
		SENW 40.0
		NESW 40.0
	360.0 Acres Total	

USE OF THE RIGHTS LISTED BELOW IS LIMITED TO THE IRRIGATION OF A
COMBINED TOTAL OF 1364 ACRES IN A SINGLE IRRIGATION SEASON.
COMBINED RIGHT NOS. 43-2471, 43-2472, 43-2475, 43-2569, &
43-4199

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

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. I.C. SECTION 42-1412(6).

2004 MAY -4 PM 3: 23
DISTRICT COURT-SRBA
TWIN FALLS CO., IDAHO
FILED *mm*

PAGE 1
Mar-12-2004

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLS

In Re SRBA)
) PARTIAL DECREE PURSUANT TO
) I.R.C.P. 54(b) FOR
Case No. 19576)
)
) Water Right 43-02475

2004 MAY -4 PM 3:21
DISTRICT COURT - SRBA
TWIN FALLS CO., IDAHO
FILED *AM*

NAME AND ADDRESS: SUN VALLEY AGRIBUSINESS
PARTNERS LLC
PO BOX 2169
SUN VALLEY, ID 83353

SOURCE: GROUND WATER

QUANTITY: 8.50 CPS
1820.00 AFY

USE OF THE RIGHTS LISTED BELOW IS LIMITED TO A TOTAL COMBINED
ANNUAL DIVERSION VOLUME OF 1890 AF. COMBINED RIGHT NOS.:
43-2475 AND 43-2569.

USE OF THE RIGHTS LISTED BELOW IS LIMITED TO A TOTAL COMBINED
DIVERSION RATE OF 25.75 CPS AND TO A TOTAL COMBINED ANNUAL
DIVERSION VOLUME OF 5456 AF. COMBINED RIGHT NOS. 43-2471,
43-2472, 43-2475, 43-2569, AND 43-4199.

PRIORITY DATE: 07/07/1959

POINT OF DIVERSION: T11S R27E S06 LOT 2 (NWNWNE) Within Cassia County

PURPOSE AND PERIOD OF USE:	PURPOSE OF USE	PERIOD OF USE	QUANTITY
	Irrigation	03-15 TO 11-15	8.50 CPS 1820.00 AFY

PLACE OF USE:	Irrigation	Within Cassia County
	T10S R27E S31 SWSE 35.0	SESE 20.0
	T11S R27E S05 NWSW 40.0	SWSW 40.0
	S06 LOT 1 (NENE) 40.0	LOT 2 (NWNE) 40.0
	SWNE 40.0	SENE 40.0
	NESE 40.0	NWSE 40.0
	SWSE 40.0	SESE 40.0
	455.0 Acres Total	

USE OF THE RIGHTS LISTED BELOW IS LIMITED TO THE IRRIGATION OF A
COMBINED TOTAL OF 1364 ACRES IN A SINGLE IRRIGATION SEASON.
COMBINED RIGHT NOS. 43-2471, 43-2472, 43-2475, 43-2569, &
43-4199

USE OF THE RIGHTS LISTED BELOW IS LIMITED TO THE IRRIGATION OF A
COMBINED TOTAL OF 1063 ACRES IN A SINGLE IRRIGATION SEASON.
COMBINED RIGHT NOS. 43-2475 AND 43-2569

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

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. I.C. SECTION 42-1412(6).

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLS

In Re SRBA)
) PARTIAL DECREE PURSUANT TO
) I.R.C.P. 54(b) FOR
Case No. 39576)
)
) Water Right 43-02569

2004 MAY -4 PM 3:14
DISTRICT COURT-SRBA
TWIN FALLS CO., IDAHO
FILED *MM*

NAME AND ADDRESS: SUN VALLEY AGRIBUSINESS
PARTNERS LLC
PO BOX 2169
SUN VALLEY, ID 83353

SOURCE: GROUND WATER

QUANTITY: 4.25 CFS

USE OF THE RIGHTS LISTED BELOW IS LIMITED TO A TOTAL COMBINED
DIVERSION RATE OF 25.75 CFS AND TO A TOTAL COMBINED ANNUAL
DIVERSION VOLUME OF 5456 AF. COMBINED RIGHT NOS. 43-2471,
43-2472, 43-2475, 43-2569 AND 43-4199
USE OF THE RIGHTS LISTED BELOW IS LIMITED TO A TOTAL COMBINED
ANNUAL DIVERSION VOLUME OF 3890 AF. COMBINED RIGHT NOS.
43-2475 AND 43-2569

PRIORITY DATE: 09/04/1963

POINT OF DIVERSION: T11S R27E S06 LOT 5 (SWSWNW) Within Cassia County

PURPOSE AND PERIOD OF USE:	PURPOSE OF USE	PERIOD OF USE	QUANTITY
	Irrigation	03-15 TO 11-15	4.25 CFS 2070.00 AFY

PLACE OF USE:	Irrigation	Within Cassia County
	T11S R26E S01 LOT 1 (NENE) 40.0	LOT 2 (NWNE) 12.0
	SWNE 39.0	SENE 40.0
	SENE 22.0	NESW 40.0
	NWSW 2.0	SESW 13.0
	NESE 38.0	NWSE 36.0
	SWSE 2.0	SESE 35.0
	R27E S05	NWSW 40.0
	S06 LOT 1 (NENE) 40.0	LOT 2 (NWNE) 40.0
	SWNE 40.0	SENE 40.0
	LOT 3 (NENW) 40.0	LOT 4 (NWNW) 40.0
	LOT 5 (SWNW) 24.0	SENE 40.0
	NESW 36.0	LOT 6 (NWSW) 34.0
	LOT 7 (SWSW) 35.0	SESW 40.0
	NESE 40.0	NWSE 40.0
	SWSE 40.0	SESE 40.0
	1008.0 Acres Total	

USE OF THE RIGHTS LISTED BELOW IS LIMITED TO THE IRRIGATION OF A
COMBINED TOTAL OF 1063 ACRES IN A SINGLE IRRIGATION SEASON.
COMBINED RIGHT NOS. 43-2475 AND 43-2569
USE OF THE RIGHTS LISTED BELOW IS LIMITED TO THE IRRIGATION OF A
COMBINED TOTAL OF 1364 ACRES IN A SINGLE IRRIGATION SEASON.
COMBINED RIGHT NOS. 43-2471, 43-2472, 43-2475, 43-2569 AND
43-4199

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

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

Est. CU and CIR.		Minidoka Dam		(Allen & Brockway, 1983)														mm/day and mm/season			
MO	NYRS	PREC	ETR	ALFH.	ALFS.	BEANS	F.ORN	SILGE	S.ORN	PEAS	POTAT	SBEET	SGRAN	WGRAN	PAST.	ORCHD	VEGES				
AVE	ET	1.83																			
AVE	IR	31	74																		
STDD	ET	31	100.00																		
STDD	IR	31	100.00	.41																	
SKREW	ET	31	100.00	-.42																	
SKREW	IR	31	100.00																		
AVE	ET	4	37	2.54	2.83																
AVE	IR	4	37	2.54	2.83																
STDD	ET	4	37	2.54	2.83																
STDD	IR	4	37	2.54	2.83																
SKREW	ET	4	37	2.54	2.83																
SKREW	IR	4	37	2.54	2.83																
AVE	ET	5	5	6.04	5.43																
AVE	IR	5	5	6.04	5.43																
STDD	ET	5	5	6.04	5.43																
STDD	IR	5	5	6.04	5.43																
SKREW	ET	5	5	6.04	5.43																
SKREW	IR	5	5	6.04	5.43																
AVE	ET	6	6	7.82	6.87																
AVE	IR	6	6	7.82	6.87																
STDD	ET	6	6	7.82	6.87																
STDD	IR	6	6	7.82	6.87																
SKREW	ET	6	6	7.82	6.87																
SKREW	IR	6	6	7.82	6.87																
AVE	ET	7	7	8.29	5.98																
AVE	IR	7	7	8.29	5.98																
STDD	ET	7	7	8.29	5.98																
STDD	IR	7	7	8.29	5.98																
SKREW	ET	7	7	8.29	5.98																
SKREW	IR	7	7	8.29	5.98																
AVE	ET	8	8	6.80	5.18																
AVE	IR	8	8	6.80	5.18																
STDD	ET	8	8	6.80	5.18																
STDD	IR	8	8	6.80	5.18																
SKREW	ET	8	8	6.80	5.18																
SKREW	IR	8	8	6.80	5.18																
AVE	ET	9	9	5.28	3.63																
AVE	IR	9	9	5.28	3.63																
STDD	ET	9	9	5.28	3.63																
STDD	IR	9	9	5.28	3.63																
SKREW	ET	9	9	5.28	3.63																
SKREW	IR	9	9	5.28	3.63																
AVE	ET	10	10	3.48	1.31																
AVE	IR	10	10	3.48	1.31																
STDD	ET	10	10	3.48	1.31																
STDD	IR	10	10	3.48	1.31																
SKREW	ET	10	10	3.48	1.31																
SKREW	IR	10	10	3.48	1.31																
AVE	ET	31	141.1	1344.	977.	807.	713.	713.	713.	713.	713.	713.	713.	713.	713.	713.	713.				
AVE	IR	31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
STDD	ET	31	46.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0				
STDD	IR	31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
SKREW	ET	31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
SKREW	IR	31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				