

RECEIVED

APR 17 2015

WATER RESOURCES
WESTERN REGIONSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Transfer No. 80026

RECEIVED

APR 14 2015

MINIMUM REQUIREMENTS CHECKLIST
TO BE SUBMITTED WITH APPLICATION FOR TRANSFER

An application for transfer must be prepared in accordance with the minimum requirements listed below to be acceptable to the Department. Incomplete applications will be returned. The instructions, fee schedule, Part 2A reports and additional Part 2B forms are available from any Department office or on the Department's website at www.idwr.idaho.gov.

Name of Applicant(s) Sun View DairyCheck whether each item below is *attached* (Yes) or *not applicable* (N/A) for the proposed transfer.

- Yes N/A * Means the item is always required and must be included with the application.
- ☒ * Completed Application for Transfer of Water Right form, Part 1.
 - ☒ * Signature of applicant(s) or applicant's authorized representative on Application for Transfer Part 1. Include evidence of authority labeled Attachment #3 (see below) if signed by representative.
 - ☒ * Application for Transfer Part 2A. Attach a [Part 2A](#) report describing each water right in the transfer as currently recorded.
 - ☒ ☐ Complete and attach an Application for Transfer [Part 2B](#) for each water right for which only a portion is proposed to be changed through this transfer application.
 - ☒ * Application for Transfer Part 3A is always required (see Attachment #7a below); Parts 3B and 3C must be completed for transfer applications proposing to change the nature of use of the water right(s) or proposing changes to supplemental right(s).
 - ☐ * Correct fee submitted with transfer application form. ([Fee schedule](#) is on website and instructions for application for transfer.)

Attachments to Application - Label each attachment with the corresponding number shown below as Attachment #1-9.

- ☐ ☒ #1 If the applicant is a business, partnership, organization, or association, and not currently registered in the State of Idaho as a business entity, attach documentation identifying officers authorized to sign or act on behalf of right holder. (See Part 1.)
- ☐ ☒ #2a Water Right ownership documentation if Dept. records do not show the applicant as the current water right owner. **
- ☐ ☒ #2b If the ownership of the water right will change as a result of the proposed transfer to a new place of use, attach documentation showing land and water right ownership at the new place of use. Include documentation for all affected land and owner(s). **
** Additional fee(s) required for water right ownership changes; see fee schedule.
- ☒ ☐ #3 Documentation of authority to make the change if the applicant is not the water right owner.
- ☐ ☒ #4 Power of Attorney or documentation providing authority to sign or act on the applicant's behalf. (See Part 1.)
- ☐ ☒ #5 If the transfer application proposes to change the point of diversion for a water right affecting the Eastern Snake Plain Aquifer (ESPA), attach the results of an ESPA analysis and a detailed mitigation plan to offset any depletions to hydraulically connected reaches of the Snake River. ESPA transfer spreadsheet and model grid labeled cells are available on the Department's website at www.idwr.idaho.gov/WaterManagement/WaterRights/WaterRightTransfers/resources.htm.
- ☒ ☐ #6 Notarized statement of agreement or a statement on official letterhead signed by an authorized representative from each lien holder or other entity with financial interest in the water right(s) or land affected by the proposed transfer. (See Part 1.5.c.)
- ☒ * #7a Attach a map identifying the proposed point(s) of diversion, place(s) of use, and water diversion and distribution system details as described on the application. Include legal description labels. If only a portion of the right is proposed to be changed, identify the current location of the part of the existing right(s) proposed to be changed. (See Part 3A.)
- ☒ ☐ #7b If the transfer application proposes to change the place or purpose of use of an irrigation right attach a Geographic Information System ([GIS](#)) shape file, or an aerial photo or other image clearly delineating the location and extent of existing acres and changes to the place of use.
- ☒ ☐ #8a If the transfer application proposes to change the nature of use or period of use for one or more rights, provide documentation describing the extent of historic beneficial use for the water rights proposed to be transferred and document how enlargement will be avoided. (See Part 3B.) Additional fee required for proposed changes to nature of use; see [fee schedule](#).
- ☐ ☒ #8b If the transfer application proposes to change the place of use of a supplemental irrigation right, provide documentation regarding the historic use of the supplemental right(s) and availability or reliability of the primary right(s) being supplemented, both before and after the proposed change. (See Part 3C.)
- ☐ ☐ #9 Other. Please describe: _____

SUPPORT DATA

Page 1 of Transfer No. 80026IN FILE # 61-2186

RECEIVED

APR 17 2015

WATER RESOURCES
WESTERN REGIONSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCESAPPLICATION FOR TRANSFER OF WATER RIGHT
PART 1

TRANSFER No. 80026

RECEIVED

APR 14 2015

DEPT OF WATER RESOURCES
SOUTHERN REGION

Name of Applicant(s) Sun View Dairy Phone 2089413908
 Mailing address 6600 SW Blanksma Rd, Mt Home ID 83647 Email sunviewdairy@gmail.com

- ☒ If applicant is not an individual and not registered to do business in the State of Idaho, attach documentation identifying officers authorized to sign or act on behalf of the applicant. Label it **Attachment #1**.
- ☐ Attach water right ownership documentation if Department records do not show the transfer applicant as the current water right owner. Label it **Attachment #2a**.
- ☐ If the ownership of the water right will change as a result of the proposed transfer to a new place of use, attach documentation showing land and water right ownership at the new place of use. Include documentation for all affected land and owner(s). Label it **Attachment #2b**.
- ☐ Attach documentation of authority to make the proposed change if the applicant is not the water right owner. Label it **Attachment #3**.

Provide contact information below if a consultant, attorney, or any other person is representing the applicant in this transfer process.

☐ No Representative

Name of Representative Matthew Thompson Phone 2087318640
 Mailing address 1993 tamarack loop, Twin Falls ID 83301 Email matthewthompson1993@gmail.c

- ☐ Send all correspondence for this application to the representative and not to the applicant.
OR
- ☒ Send original correspondence to the applicant and copies to the representative.
- ☒ The representative may submit information for the applicant but is not authorized to sign for the applicant.
OR
- ☐ The representative is authorized to sign for the applicant. Attach a Power of Attorney or other documentation providing authority to sign for the applicant and label it **Attachment #4**.

I hereby assert that no one will be injured by the proposed changes and that the proposed changes do not constitute an enlargement in use of the original right(s). 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 rejection of the application or cancellation of an approval.

[Signature]
Signature of Applicant or Authorized Representative

Ed DeGroot - owner
Print Name and Title if applicable

3-23-15
Date

[Signature]
Signature of Applicant or Authorized Representative

Matthew Thompson P.E.
Print Name and Title if applicable

3/23/15
Date

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 your proposal in narrative form, including a detailed description of non-irrigation uses to justify amounts transferred (i.e. number of stock, etc.), and provide additional explanation of any other items on the application. Attach additional pages if necessary and label it **Part 1A.2**.

Transfer additional water for dairy expansion in numbers. Additional info attached

AMENDED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

DEC 29 2015

WATER RESOURCES
WESTERN REGIONAPPLICATION FOR TRANSFER OF WATER RIGHT
PART 1 Continued

B. DESCRIPTION OF RIGHTS AFTER THE REQUESTED CHANGES. IF THE RIGHTS ARE BEING SPLIT, DESCRIBE PORTIONS TO BE CHANGED AS THEY WOULD APPEAR AFTER THE REQUESTED CHANGES.

1.	Right Number	Amount (cfs/ac-ft)	Nature of Use	Period of Use	Source & Tributary
All or Part ☐ ☒	61-2186	2.87 / 407.0	COMMERCIAL/STOCK	01/01 to 12/31	GROUND WATER
☐ ☒	61-2186	0.29 / 58.0	IRRIGATION	04/01 to 10/31	GROUND WATER
☒ ☐	61-7222	0.04 / 5.5	COMMERCIAL/STOC	01/01 to 12/31	GROUND WATER
☒ ☐	61-12270	0.26 / 64.0	COMMERCIAL/STOC	01/01 to 12/31	GROUND WATER
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	

Total authorized under rights 3.46 cfs and/or 534.5 acre-feet.2. Total amount of water proposed to be transferred or changed 1.21 cubic feet per second and/or 251.5 acre-feet per annum.

3. Point(s) of Diversion:

- ☒ No changes to point(s) of diversion are proposed - the following chart is therefore not completed. (Proceed to #4.)
- ☐ Attach Eastern Snake Plain Aquifer analysis if this transfer proposes to change a point of diversion affecting the ESPA. Label it Attachment #5.

New ?	Lot	¼	¼	¼	Sec	Twp	Rge	County	Source	Local name or tag #

4. Place of use: (If irrigation, identify with number of acres irrigated per ¼ ¼ tract.)

- ☐ No changes to place of use are proposed - the following chart is therefore not completed. (Proceed to #5.)

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Acre Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
05S	06E	08					S/C	S/C	S/C	S/C									
05S	06E	07	S/C	S/C	S/C	S/C													
05S	05E	12	38.0	39.0	38.0	39.0													154.0
05S	06E	06									40.0	40.0	39.0	39.0	38.0	38.0	38.0	38.0	310.0
05S	06E	07	39.0	39.0	32.0	39.0	39.0	39.0	38.0	39.0									304.0
05S	06E	08	39.0	39.0	39.0	35.0													152.0
Total Acres (for irrigation use)																			920.0

Acre Limit : 14.5

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1 Continued

DEC 01 2015

WATER RESOURCES
WESTERN REGION

B. DESCRIPTION OF RIGHTS AFTER THE REQUESTED CHANGES. IF THE RIGHTS ARE BEING SPLIT, DESCRIBE PORTIONS TO BE CHANGED AS THEY WOULD APPEAR AFTER THE REQUESTED CHANGES.

1.	Right Number	Amount (cfs/ac-ft)	Nature of Use	Period of Use	Source & Tributary
All or Part ☐ ☒	61-2186	2.87/407	commercial/stockwater	1/1 to 12/31	groundwater
☐ ☒	61-2186	0.29/58.0	irrigation	4/1 to 10/31	groundwater
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	

Total authorized under rights 3.16 cfs and/or 465 acre-feet.

2. Total amount of water proposed to be transferred or changed 0.91 cubic feet per second and/or 136.5 acre-feet per annum

3. Point(s) of Diversion:

- ☒ No changes to point(s) of diversion are proposed - the following chart is therefore not completed. (Proceed to #4.)
☐ Attach Eastern Snake Plain Aquifer analysis if this transfer proposes to change a point of diversion affecting the ESPA.
 Label it Attachment #5.

New ?	Lot	¼	¼	¼	Sec	Twp	Rge	County	Source	Local name or tag #

4. Place of use: (If irrigation, identify with number of acres irrigated per ¼ ¼ tract.)

- ☐ No changes to place of use are proposed - the following chart is therefore not completed. (Proceed to #5.)

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Acre Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
5s	6e	7	s/c	s/c	s/c	s/c													
5s	6e	8					s/c	s/c	s/c	s/c									
5s	5e	12	38	39	38	39													54
5s	6e	6									40	40	39	39	38	38	38	38	310
5s	6e	7	39	39	25.5		39	39	38	39									258.5
5s	6e	8	39	39	39	35													152
Total Acres (for irrigation use)																			874.5

14.5 acre limit

* SUPERSEDED BY
APPLICATION RECEIVED 12-29-2015.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT PART 1 Continued

B. DESCRIPTION OF RIGHTS AFTER THE REQUESTED CHANGES. IF THE RIGHTS ARE BEING SPLIT, DESCRIBE PORTIONS TO BE CHANGED AS THEY WOULD APPEAR AFTER THE REQUESTED CHANGES.

1.	Right Number	Amount (cfs/ac-ft)	Nature of Use	Period of Use	Source & Tributary
All or Part ☐ ☒	61-2186	0cfs/146.2acft	commercial/stockwaterr	1/41 to 12/31	groundwater
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	

Total authorized under rights 0 cfs and/or 146.2 acre-feet.

2. Total amount of water proposed to be transferred or changed 0 cubic feet per second and/or 146.2 acre-feet per annum.

3. Point(s) of Diversion:

- ☒ No changes to point(s) of diversion are proposed - the following chart is therefore not completed. (Proceed to #4.)
- ☐ Attach Eastern Snake Plain Aquifer analysis if this transfer proposes to change a point of diversion affecting the ESPA. Label it **Attachment #5**.

New ?	Lot	¼	¼	¼	Sec	Twp	Rge	County	Source	Local name or tag #

4. Place of use: (If irrigation, identify with number of acres irrigated per ¼ ¼ tract.)

- ☐ No changes to place of use are proposed - the following chart is therefore not completed. (Proceed to #5.)

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Acre Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
5s	6e	7	s/c			s/c													
Total Acres (for irrigation use)																			

**X SUPERCEDED BY
APPLICATION RECEIVED 12-1-2015**

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT PART 1 Continued

5. General Information:

- a. Describe the complete diversion system, including how you will accommodate a measuring device and lockable controlling works should they be required now or in the future:
The current diversions will not change. The wells and measuring devices are already in place and functioning. Any additional water or piping will be installed after these existing devices.

- b. Who owns the property at the point(s) of diversion? Sun View Dairy
If other than the applicant, describe the arrangement enabling the applicant to access the property for the diversion system:
Ed Degroot is an owner manager for Sun View Dairy

- c. Are the lands from which you propose to transfer the water right subject to any liens, deeds of trust, mortgages, or contracts?
If yes, ☒ Attach a notarized statement from the holder of the lien, deed of trust, mortgage or contract agreeing to the proposed changes on official letterhead signed by an authorized representative. Label it Attachment #6. List the name of the entity and type of lien: Rabo Bank - Mortgage

It is the applicant's responsibility to provide notice to lien holder, trustee, mortgagor, or contract holder of the proposed changes that may impact or change the value of the water rights or affected real property. Any misrepresentation of legal encumbrance on this application may result in rejection of the application or cancellation of an approval.

- d. Describe the effect on the land now irrigated if the place or purpose of use is changed pursuant to this transfer:
The land will be dried up and corrals will be built in the place thereof. This transfer will provide additional volume to the stock and commercial rights of the dairy. There is currently sufficient flow for the dairy use in the existing right. Therefore the flow of the irrigation right is left with irrigation.
- e. Describe the use of any other water right(s) for the same purpose or land, or the same diversion system as right(s) proposed to be transferred at both the existing and proposed point(s) of diversion and place(s) use:
There are two other irrigation rights that cover a larger place of use for irrigation. The remaining place of use and points of diversion will not change for these rights.

- f. To your knowledge, has/is any portion of the water right(s) proposed to be changed:

Yes No

- ☐ ☒ undergone a period of five or more consecutive years of non-use,
☐ ☒ currently leased to the Water Supply Bank,
☐ ☒ currently used in a mitigation plan limiting the use of water under the right, or
☐ ☒ currently enrolled in a Federal set-aside program limiting the use of water under the rights?

If yes, describe:

AMENDED

RECEIVED

DEC 01 2015

**WATER RESOURCES
WESTERN REGION**

APPLICATION FOR TRANSFER OF WATER RIGHT PART 2

A. DESCRIPTION OF RIGHT(S) AS RECORDED

For each water right listed in Part 1B.1 of the application, attach a **Part 2A** report obtained from any Department office or from the Department's website @ www.idwr.idaho.gov, Water Right Transfers, Step 1.

Insert Part 2A reports into the application following Part 1.

B. IF ONLY A PORTION OF THE RIGHT IS PROPOSED TO BE CHANGED, DESCRIBE THE PORTION BEING CHANGED AS IT APPEARS BEFORE THE REQUESTED CHANGES

- ☐ Complete and attach one copy of Part 2B for each right for which only a portion is proposed to be changed. If the entire right is proposed to be changed, Part 2B is not applicable. Additional copies of the **Part 2B** form can be obtained from any Department office or from the Department's website @ www.idwr.idaho.gov, Water Right Transfers, Step 3, or Water Right Forms, Changes in Use. Insert completed Part 2B forms into the application following Part 2A of the same water right.

Right Number: 61-2186

1. amount 0.91 cfs / 182 ac-ft (cfs/ac-ft) for irrigation purposes from 4/1 to 10/31
 amount _____ (cfs/ac-ft) for _____ purposes from _____ to _____
 amount _____ (cfs/ac-ft) for _____ purposes from _____ to _____
 amount _____ (cfs/ac-ft) for _____ purposes from _____ to _____
 amount _____ (cfs/ac-ft) for _____ purposes from _____ to _____
 amount _____ (cfs/ac-ft) for _____ purposes from _____ to _____
 amount _____ (cfs/ac-ft) for _____ purposes from _____ to _____
 amount _____ (cfs/ac-ft) for _____ purposes from _____ to _____
2. Lands irrigated or place of use: (If irrigation, identify with number of acres irrigated per $\frac{1}{4}$ $\frac{1}{4}$ tract.)

[illegible]

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Water Right Report

4/3/2015

WATER RIGHT NO. 61-2186

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	SUNVIEW DAIRY LLC 6600 SW BLANKSMA RD MOUNTAIN HOME, ID 83647 (208)941-3908
Original Owner	BROKEN ARROW FARMS INC C/O JIM BLANKSMA 2014 ONATI AVE MOUNTAIN HOME, ID 83647 (208)587-7939
Security Interest	RABO AGRIFINANCE INC 12443 OLIVE BLVD STE 50 ST LOUIS, MO 63141

Priority Date: 02/03/1966

Basis: Decreed

Status: Active

<u>Source</u>	<u>Tributary</u>
GROUND WATER	

<u>Beneficial Use</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
IRRIGATION	04/01	10/31	1.2 CFS	240 AFA
STOCKWATER	01/01	12/31	1.39 CFS	192.1 AFA
COMMERCIAL	01/01	12/31	0.57 CFS	78.4 AFA
Total Diversion			3.16 CFS	

Location of Point(s) of Diversion:

Transfer 80026

GROUND WATER	NESE	Sec. 06	Township 05S	Range 06E	ELMORE County
GROUND WATER	NESE	Sec. 06	Township 05S	Range 06E	ELMORE County
GROUND WATER	NESE	Sec. 06	Township 05S	Range 06E	ELMORE County
GROUND WATER	NWSE	Sec. 06	Township 05S	Range 06E	ELMORE County
GROUND WATER	NWSE	Sec. 06	Township 05S	Range 06E	ELMORE County
GROUND WATER	NWSE	Sec. 06	Township 05S	Range 06E	ELMORE County
GROUND WATER	SESE	Sec. 06	Township 05S	Range 06E	ELMORE County

IRRIGATION Use:
Acre Limit: 60

STOCKWATER Use:
Number of stock: 2800

COMMERCIAL Use:
Number of stock: 2800

Place(s) of use:

Place of Use Legal Description: IRRIGATION ELMORE 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>
05S	05E	12		NENE	38		NWNE	39		SWNE	38		SENE	39
	06E	6		NESW	40		NWSW	40		SWSW	39		SESW	39
				NESE	38		NWSE	38		SWSE	38		SESE	38
		7		NENE	39		NWNE	39		SWNE	32		SENE	39
				NENW	39		NWNW	39		SWNW	38		SENW	39
		8		NENE	39		NWNE	39		SWNE	39		SENE	35

Place of Use Legal Description: STOCKWATER ELMORE 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>
05S	06E	8		NENW			NWNW			SWNW			SENW	

Place of Use Legal Description: COMMERCIAL ELMORE 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>
05S	06E	8		NENW			NWNW			SWNW			SENW	

Total Acres: 920

transfer 80026

Conditions of Approval:

1. T07 The right holder shall accomplish the change authorized by this transfer within one year of the date of this approval.
2. T08 Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
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.
3. T19
4. 046 Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.
Prior to use of water under this right, the right holder shall install a measuring device to the dairy mainline to measure the amount of water diverted to the dairy and shall annually report the diversion to the department. The right holder shall obtain prior approval from the department of the type of measuring device to install.
5. 067 After specific notification by the Department, the right holder shall install a suitable measuring device or shall enter into an agreement with the Department to use power records to determine the amount of water diverted and shall annually report the information to the Department.
6. 01M
7. 082 Prior to the diversion and use of water under this approval, the right holder shall comply with applicable county zoning and use ordinances.
8. 106 Prior to the diversion and use of water under this approval, the right holder shall comply with applicable water quality standards of the Department of Environmental Quality.
The period of use for the irrigation described in this approval may be extended to a beginning date of 3/15 and an ending date of 11/15 provided that beneficial use of the water can be shown and other elements of the right are not exceeded. The use of water before 4/1 and after 10/31 is subordinate to all water rights having no subordinated early or late irrigation use and a priority date earlier than the date of this approval.
9. X61
10. X27 This right is limited to the irrigation of 60 acres within the place of use described above in a single irrigation season.
11. X35 Rights 61-2186, 61-2220 and 61-7060 when combined shall not exceed the irrigation of 700 acres within the place of use described above in a single irrigation season.
12. X63 All water rights within Basin 61 are from connected sources of water in the Snake River Basin and shall be administered conjunctively.
13. R64 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.
14. Commercial use is for a dairy.
15. F06 The following rights are diverted through points of diversion described above: 61-2186, 61-2220, 61-7060, 61-7222.

Dates:

Licensed Date:

Decreed Date: 10/26/2000

Permit Proof Due Date:

Permit Proof Made Date:

Transfer 80026

Permit Approved Date:
Permit Moratorium Expiration Date:
Enlargement Use Priority Date:
Enlargement Statute Priority Date:
Water Supply Bank Enrollment Date Accepted:
Water Supply Bank Enrollment Date Removed:
Application Received Date:
Protest Deadline Date:
Number of Protests: 0

Other Information:
State or Federal: S
Owner Name Connector:
Water District Number:
Generic Max Rate per Acre: 0.02
Generic Max Volume per Acre: 4
Combined Acres Limit: 700
Combined Volume Limit:
Combined Rate Limit:
Civil Case Number:
Old Case Number:
Decree Plaintiff:
Decree Defendant:
Swan Falls Trust or Nontrust:
Swan Falls Dismissed:
DLE Act Number:
Cary Act Number:
Mitigation Plan: False
[Close](#)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 3

A. PLAT MAP (See Part 3A of Instructions for application for transfer for complete requirements.)

- ☒ Attach a map of the diversion, measurement, control, and distribution system. Label it Attachment #7a.
- ☒ If the transfer application proposes to change the place or purpose of use of an irrigation right attach a Geographic Information System (GIS) shape file, or an aerial photo or other image clearly delineating the location and extent of existing acres and changes to the place of use. Label it Attachment #7b. If the place of use currently consists of a permissible place of use, then the attachment is not required if the application contains a clear statement that the boundaries for the place of use are not proposed to be changed by the transfer and the total number of irrigated acres within the place of use before and after the transfer is clearly stated.

B. CHANGES IN NATURE OF USE (Water Balance)

- ☒ If you propose to change the nature of use or period of use of all or part of the rights(s) listed in this application, attach documentation describing the extent of historic beneficial use of the portion of the right(s) proposed to be changed. Also attach documentation showing that the portion of the right(s) to be changed will not be enlarged in rate, volume, or consumptive use through the proposed change. Label it Attachment #8a.

C. PLACE OF USE CHANGES TO SUPPLEMENTAL IRRIGATION RIGHTS

- ☐ If you propose to change the place of use of a supplemental irrigation right, answer below and attach supporting documentation. Label it Attachment #8b.

Describe how the supplemental water rights have been used historically in conjunction with other water rights at the existing place of use. Describe the time during the irrigation season that the supplemental rights have been used. Include information about the availability or reliability of the primary right(s) being supplemented, both before and after the change. If the applicant is proposing to change a supplemental irrigation right to a primary right, provide the information required on Part 3B above:

FOR DEPARTMENT USE ONLY

Transfer contains 30 pages and 6 attachments.

Received by CH / DM Date 4.14.2015 Preliminary check by P. Kelly Date 12-29-2015

Fee paid \$830- Date 4.14.2015 Received by DM Receipt # SD34684

Add'l fee paid _____ Date _____ Received by _____ Receipt # _____



LIMITED LIABILITY COMPANY

(Instructions on back of application)

Attachment #3

10/11/10

11:58

EFFECTIVE

1. The name of the limited liability company is: SUNVIEW DAIRY, L.L.C.
2. The street address of the initial registered office is: 1610 4th Street North,
Nampa, Idaho 83687 and the name of the initial registered agent at the above address is: Christine Kincaid
3. The mailing address for future correspondence: 569 Birch Bay Lynden Road,
Lynden, WA 98264
4. Management of the limited liability company will be vested in:
Manager(s) ☒ or Member(s) ☐ . (please check the appropriate box)
5. If management is to be vested in one or more manager(s), list the name(s) and address(es) of at least one initial manager. If management is to be vested in the members, list the name(s) and address(es) of at least one initial member.

Name

Address

Ed DeGroot

569 Birch Bay Lynden Road, Lynden, WA 98264

6. Signature of at least one person responsible for forming the limited liability company:

Signature

XS/Kroontje

Typed Name

Lesa Starkenburg-Kroontje

Capacity

Organizer

Signature

Typed Name

Capacity

Secretary of State use only

IDAHO SECRETARY OF STATE
10/22/2004 05:00
CK: 7870 CT: 183115 BH: 772569
1 @ 100.00 = 100.00 ORGAN LLC # 2

6034058

Transfer 80026



April 14, 2015

Department of Water Resources
2735 Airport Way
Boise, Idaho 83705-5082

Subject: Water Transfer #61-2186 (Ed DeGroot,
Sunview Dairy LLC

To whom it may concern:

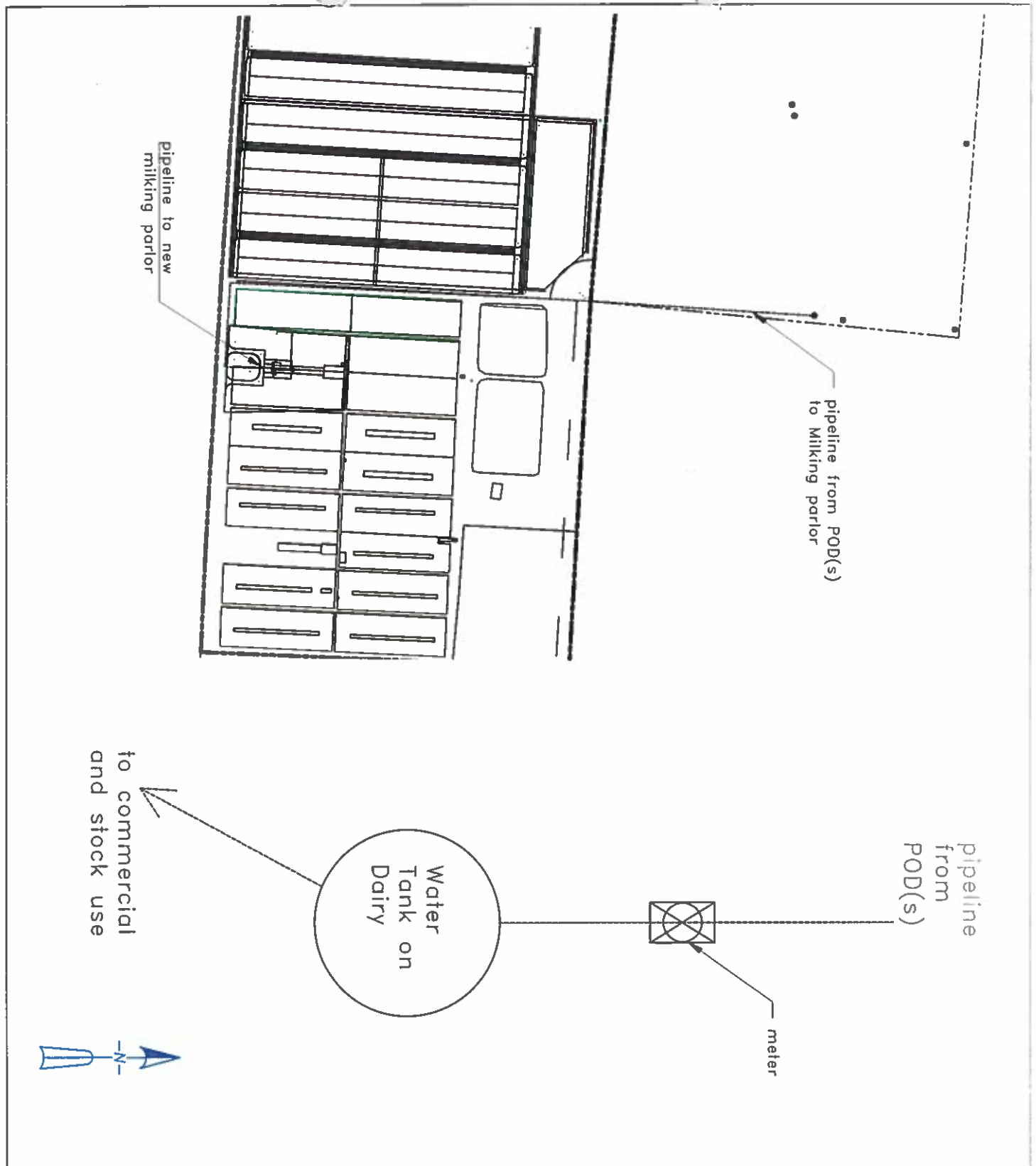
Matt Thompson requested we send a letter regarding water right transfer #61-2186.. As the lien holder on the property, we have no objection to the proposed water right transfer.

If you have any questions or need additional information, do not hesitate to contact me.

Thank you,

Dave Stout
Relationship Manager

Rabo AgriFinance
237 Canyon Crest Drive, Twin Falls, ID 83301
Telephone: (208)737-6845 / Fax: (208)736-8707 / Cell: (208) 420-7736
E-mail: Dave.Stout@raboag.com
Website: www.raboag.com



AgTec Engineering & Environmental Associates, LLC

1993 Tamarack Loop -- Twin Falls, ID 83301 -- (208) 731-8640



DESIGNED BY: MWT		Attachment 7A		MT HOME -- ELMORE	
DRAWN BY: MWT		SCALE: 1" = 500'		SHEET: 1 OF 1	
DATE: 4/03/15	FILE NAME: Ed Degroot 032215				

Transfer 80026



AgTec Engineering & Environmental Associates, LLC

1993 Tamarack Loop -- Twin Falls, ID 83301 -- (208) 731-8640



DESIGNED BY: MWT	Attachment 7B	MT HOME -- ELMORE
DRAWN BY: MWT	SCALE: 1" = 500'	SHEET: 1 OF 1
DATE: 4/03/15	FILE NAME: Ed Degroot 032215	

Transfer 00026

Dairy Water Use Requirements

Date

3/16/2015

Attachment # 84



Owner/Operator Info

Name: _____ Ed Degroot _____

Address: _____

Telephone: _____

County: _____ 0 _____

City: _____ 0 _____

State: _____ 0 _____ Zip Code: _____ 0 _____

Facility Info

Name: _____ Sun View Dairy _____

Address: _____

Telephone: _____

County: _____ 0 _____

City: _____ Mountain Home _____

State: _____ Idaho _____ Zip Code: _____ 0 _____

Dairy Stock Water Requirements

Animal Type	# of Animals	Animal Weight (lbs)	Animal Units	Drinking Requirement (gal/hd/day)	Drinking Requirement (gal/day)	Total Drinking (act/yr)	Reference
Lactating cow 14	4,000	1,400	5,600.0	38.9	155,760	174.47	Modified Kertz Equation, A.F. Kertz, Ralston Purina
Lactating cow 14	4,000	1,400	5,600.0	38.9	155,760	174.47	Modified Kertz Equation, A.F. Kertz, Ralston Purina
Dry Cow 14	571	1,400	799.4	14.0	7,994	8.95	Water Intake and Quality for Dairy Cattle, Richard S.
Dry Cow 14	571	1,400	799.4	14.0	7,994	8.95	Water Intake and Quality for Dairy Cattle, Richard S.
Heifer 10	3,000	1,000	3,000.0	10.0	30,000	33.60	Water Intake and Quality for Dairy Cattle, Richard S.
none	0	0	0.0	0.0	0	0.00	N/A
none	0	0	0.0	0.0	0	0.00	N/A
none	0	0	0.0	0.0	0	0.00	N/A
none	0	0	0.0	0.0	0	0.00	N/A
Totals	12,142		15,798.8		357,508	400.46	

Stock water requirement in acre ft/ year
Stock water pumping diversion in cfs

400.5
0.55

Transfer 80026

Wash Water Sizing

Barn 1 Barn 2 Barn 3

Barn 1 Breakdown below

# Cows milked	4,000	4,000	0	
Stations/side	50	50	0	
Strings/milking	80	80	0	
Milkings per Day	2	2	0	0 milkings/day
Cow Prep.	1,600	1,600	0	gal/day
Bulk Tank	2,000	2,000	0	gal/day
Pipelines	1,400	1,400	0	gal/day
Claw Back flush	0	0	0	gal/day
Parlor Hand Washdown	1,500	1,500	0	gal/day
Deck Sprays	3,333	3,333	0	gal/day
Deck Flush	10,800	10,800	0	gal/day
Holding Pen Flush	9,000	9,000	0	gal/day
Holding Pen Hand Washdown	1,500	1,500	0	gal/day
Sprinkler Pen Water Use	0	0	0	gal/day
Milk Room Cleaning	800	800	0	gal/day
Water Trough Cleaning	1973	1973	0	gal/day
Miscellaneous	0	0	0	gal/day
Yearly Parlor Wash Volume	33,906	33,906	0	Total Parlor gal/day
Yearly Parlor Wash Volume	24,751.333	Gallons/year		Notes
Commercial Diversion Rate	75.96	Acre Ft/year		0
	0.105	CFS		

40 # of troughs 750 gal/trough 2 #/month
0

Yearly Parlor Wash Volume
Commercial Diversion Rate

24,751.333 Gallons/year
75.96 Acre Ft/year
0.105 CFS

Recyclable Water Use

Barn 1 Barn 2 Barn 3

Milking Parlor Throughput	400	400	0	Cows/hr
Time Milking Per Day	20.0	20.0	0	hours/day
Plate Cooler Water Use	72,000	72,000	-	Gal/day
Water Cooled Compressor	-	-	-	Gal/day
Water Cooled Vacuum Pump	-	-	-	Gal/day
	72,000	72,000	-	Total Cooling Parlor Volume/day in gallons

Water Use Evaluation

Clean Water Use	144000	Gal/day
Cow Drinking water use	357508	Gal/day
Commercial Parlor Use	67812	Gal/day
Net Excess Cooling Water	0	Gal/day
Yearly Parlor Cooling Volume (amount exceeding that recycled)	0.0	Acre Ft/year

Combined Rights	CFS	AcFt	Net AcFt	
			Transfere	Acres
			d	Remaining
Original Use Combined	1.20	240	136.42	15.00
Dried up Portion	0.90	180.0		
Remaining	0.30	60.0	136.42	15.00

Remaining Water Rights	Diversion rate		Volume
	cfs	acre/ft/year	
New Transfer Right	0.00	136.4	
61-2186 irrg	1.20	60.0	

References:

Cattle drinking requirements were calculated using published information from industry accepted sources or from table data. Typically the highest use estimate is reported with the corresponding source of information. In some cases the designer will override the source values. In those cases an overridden value may include an explanation for the override.

The following sources were evaluated for the milking and dry cow herds.

- Fresh Water Needs for Dairy Farms, Dean Faulk U of I Extension Specialist
- Water Intake and Quality for Dairy Cattle, Richard S. Adams & William E. Sharpe, Department of Dairy and Animal Science, Pennsylvania State University
- Modified Kertz Equation, A.F. Kertz, Ralston Purina Company
- Water Partitioning and Intake Prediction in Dry and Lactating Holstein Cows, J. B. Holler & W.E. Urban Jr., Journal of Dairy Science 1992

The following sources were evaluated for animals other than milking and dry cows.

- Fresh Water Needs for Dairy Farms, Dean Faulk U of I Extension Specialist
- Water Intake and Quality for Dairy Cattle, Richard S. Adams & William E. Sharpe, Department of Dairy and Animal Science, Pennsylvania State University
- Water Requirements of Livestock, Daniel Ward & Kevin McKague, Ministry of Agriculture Food & Rural Affairs, May 2007

Crop Year 2015

Attachment 8a

January 06, 2015



United States Department of Agriculture
Farm Service Agency
Elmore County, ID

1 in = 734 ft

Farm: 1224
Tract: 1590

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS. This map is for FSA program purposes only. No warranty is made for any other use.

Transfer 80026

FSA - 578 (02-01-91)

REPORT OF COMMODITIES

FARM AND TRACT DETAIL LISTING

DATE: 3-20-2015
PAGE 1 of 1

Farm Number: 1224

Operator Name and Address

SUNVIEW DAIRY LLC
6600 SW BLANKSMA RD
MOUNTAIN HOME, ID 83647-5879

Original: _____
Revision: 633.3
Cropland: 655.9
Farmland: 655.9

Tract Number	CLU/Field	Crop/Commodity	Variety/Type	Irr Prc	Int Use	Land Use	C/C Status	Reporting Unit	Reported Quantity	Determined Quantity	Crop Land	Field ID	Official Measured	Planting Date	End Date
690	1A	ALFAL	Producer SUNVIEW DAIRY LLC	1	FG		1	A	62.50		Yes			5-18-2006	
	1B	FALOW	Producer SUNVIEW DAIRY LLC	N			1	A	14.00		Yes				
	2A	ALFAL	Producer SUNVIEW DAIRY LLC	1	FG		1	A	62.50		Yes			5-18-2006	
	2B	FALOW	Producer SUNVIEW DAIRY LLC	N			1	A	18.00		Yes				
Photo Number/Legal Description: P23H1, Q23H1 R6E T4S SEC 6-7															
Cropland: 476.50 Reported on Cropland: 476.49 Difference: -0.01 Reported on Non-Cropland: 0.00															
1590	1A	CORN	Producer SUNVIEW DAIRY LLC	1	FG		1	A	120.00		Yes			5-2-2010	
	1B	FALOW	Producer SUNVIEW DAIRY LLC	N			1	A	39.81		Yes				
	2	ALFAL	Producer SUNVIEW DAIRY LLC	1	FG		1	A	80.41		Yes			3-20-2010	2013
	3	ALFAL	Producer SUNVIEW DAIRY LLC	1	FG		1	A	82.21		Yes			3-20-2010	2013
	4	TRICL	Producer SUNVIEW DAIRY LLC	1	FG		1	A	76.61		Yes			3-15-2010	
	5	TRICL	Producer SUNVIEW DAIRY LLC	1	FG		1	A	77.45		Yes			3-15-2010	
Photo Number/Legal Description: P23H1, Q23H1 R6E T4S SEC 6-7															
Cropland: 476.50 Reported on Cropland: 476.49 Difference: -0.01 Reported on Non-Cropland: 0.00															

Transfer 80026

REPORT OF COMMODITIES FARM AND TRACT DETAIL LISTING

DATE: 3-20-2015

PAGE: 1

Original: _____
Revision: _____

Revision: _____

Cropland: 633.3

Farmland: 652.7

SUNVIEW DAIRY LLC
6600 SW BLANKSMA RD
MOUNTAIN HOME ID 83647-5879

Tract Number	CU/Field	Crop/Commodity	Variety/Type	Ir Prc	Int Use	Actual Use	Land Use	C/C Status	Reporting Unit	Reported Quantity	Determined Quantity	Crop Land	Field ID	Official/Measured	Planting Date	Planting Period	End Date
690	1	ALFAL		1	FG			1	A	124.50		Yes			5-16-2008		
		Producer SUNVIEW DAIRY LLC							Share 100.00			RMA Unit				MAP Unit 423	
	2	FALOW		N				IN	A	16.40		Yes					
		Producer SUNVIEW DAIRY LLC							Share 100.00			RMA Unit				MAP Unit 423	
	3	FALOW		N				IN	A	7.40		Yes					
		Producer SUNVIEW DAIRY LLC							Share 100.00			RMA Unit				MAP Unit 423	
	4	FALOW		N				IN	A	8.50		Yes					
		Producer SUNVIEW DAIRY LLC							Share 100.00			RMA Unit				MAP Unit 423	

Cr/Co	Var/Type	Irr Prc	Int Use	Non-Irrng	Irrigated	Cr/Co	Var/Type	Irr Prc	Int Use	Non-Irrng	Irrigated	Cr/Co	Var/Type	Irr Prc	Int Use	Non-Irrng	Irrigated
FALOW	N			32.30		ALFAL	I		FG		124.50						
Photo Number/Legal Description: P23H1 R6E T5S SEC 12																	
Cropland: 156.80									Reported on Cropland: 156.80								
									Difference: 0.00								
									Reported on Non-Cropland: 0.00								

	Cropland: 156.80		Reported on Cropland: 156.80		Difference: 0.00		Reported on Non-Cropland: 0.00		
1590	1	CORN	YEL	I	GR	A	124.70	Yes	6-10-2011
		Producer SUNVIEW DAIRY LLC				Share 100.00		RMA Unit	NAP Unit 423
	2	ALFAL	I	FG	I	A	80.40	Yes	3-20-2010
		Producer SUNVIEW DAIRY LLC				Share 100.00		RMA Unit	NAP Unit 423
	3	ALFAL	I	FG	I	A	82.20	Yes	3-20-2010
		Producer SUNVIEW DAIRY LLC				Share 100.00		RMA Unit	NAP Unit 423
	4	BARLY	WTR	I	GR	I	76.60	Yes	10-15-2010
		Producer SUNVIEW DAIRY LLC				Share 100.00		RMA Unit	NAP Unit 423
	5	ALFAL	I	FG	I	A	77.50	Yes	8-15-2006
		Producer SUNVIEW DAIRY LLC				Share 100.00		RMA Unit	NAP Unit 423
	7	FALOW	N		IN	A	8.50	Yes	
		Producer SUNVIEW DAIRY LLC				Share 100.00		RMA Unit	NAP Unit 423
	8	FALOW	N		IN	A	26.60	Yes	
		Producer SUNVIEW DAIRY LLC				Share 100.00		RMA Unit	NAP Unit 423

Transfer 80026

REPORT OF COMMODITIES EARM AND TRACT DETAIL LISTING

DATE: 3-20-2015
PAGE: 1

Original:

Revision: _____

Revision: _____

Cropland: 633.3
Farmland: 652.7

Cr/Co	Var/Ttype	Irr Prc	Int Use	Non-Irring	Irrigated	Cr/Co	Var/Ttype	Irr Prc	Int Use	Non-Irring	Irrigated	Cr/Co	Var/Ttype	Irr Prc	Int Use	Non-Irring	Irrigated
FALOW	N			32.30		ALFAL	I		FG		124.50						

22.

Transfer 80024

FSA - 578 (02-01-91)

Farm Number: 1224

Operator Name and Address

SUNVIEW DAIRY LLC
6600 SW BLANKSMA RD
MOUNTAIN HOME, ID 83647-5879

REPORT OF COMMODITIES FARM AND TRACT DETAIL LISTING

PROGRAM YEAR: 2013

DATE: 3-20-2015

PAGE 01

Original: _____
Revision: _____
Cropland: 633.29
Farmland: 652.68

Tract Number	CLU/Field	Crop/Commodity	Variety/Type	Irr Prc	Int Use	Actual Use	C/C Status	Reporting Unit	Reported Quantity	Determined Quantity	Crop Land	Field ID	Official/Measured	Planting Date	Planting Period	End Date
690	1	ALFAL		I	FG		I	A	124.52		Yes			5-16-2008	01	2020
		Producer SUNVIEW DAIRY LLC						Share 100.00			RMA Unit			NAP Unit 423		
	2	FALOW		N			I	A	16.39		Yes				01	2025
		Producer SUNVIEW DAIRY LLC						Share 100.00			RMA Unit			NAP Unit 423		
	3	FALOW		N			I	A	7.41		Yes				01	2025
		Producer SUNVIEW DAIRY LLC						Share 100.00			RMA Unit			NAP Unit 423		
	4	FALOW		N			I	A	8.49		Yes				01	2025
		Producer SUNVIEW DAIRY LLC						Share 100.00			RMA Unit			NAP Unit 423		
Photo Number/Legal Description: P23HI R6E T5S SEC 12																
Cropland: 156.81 Reported on Cropland: 156.81 Difference: 0.00																
1590	1	CORN	YEL	I	GR		I	A	124.67		Yes			5-27-2013	01	
		Producer SUNVIEW DAIRY LLC						Share 100.00			RMA Unit			NAP Unit 423		
	2	ALFAL		I	FG		I	A	80.41		Yes			3-20-2010	01	2015
		Producer SUNVIEW DAIRY LLC						Share 100.00			RMA Unit			NAP Unit 423		
	3	ALFAL		I	FG		I	A	82.21		Yes			3-20-2010	01	2015
		Producer SUNVIEW DAIRY LLC						Share 100.00			RMA Unit			NAP Unit 423		
	4	TRICL		I	FG		I	A	76.61		Yes			11-1-2012	01	2015
		Producer SUNVIEW DAIRY LLC						Share 100.00			RMA Unit			NAP Unit 423		
	5	ALFAL		I	FG		I	A	77.45		Yes			8-15-2006	01	2015
		Producer SUNVIEW DAIRY LLC						Share 100.00			RMA Unit			NAP Unit 423		
	7	FALOW		N			I	A	8.54		Yes				01	2025
		Producer SUNVIEW DAIRY LLC						Share 100.00			RMA Unit			NAP Unit 423		
	8	FALOW		N			I	A	26.59		Yes				01	2025
		Producer SUNVIEW DAIRY LLC						Share 100.00			RMA Unit			NAP Unit 423		

FSA - 578 (02-01-91)

Farm Number: 1224

Operator Name and Address

SUNVIEW DAIRY LLC
6600 SW BLANKSMA RD
MOUNTAIN HOME, ID 83647-5879

REPORT OF COMMODITIES FARM AND TRACT DETAIL LISTING

PROGRAM YEAR: 2014

DATE: 3-20-2015

PAGE 1

Original: _____
Revision: _____
Cropland: 634.21
Farmland: 653.6

Tract Number	CLU/Field	Crop/Commodity	Variety/Type	Irr Prc	Int Use	Actual Use	Land Use	C/C Status	Reporting Unit	Reported Quantity	Determined Quantity	Crop Land	Field ID	Official/Measured	Planting Date	Planting Period	End Date				
690	1	CORN	YEL	1	FG			1	A	124.52		Yes			6-10-2014	01					
		Producer SUNVIEW DAIRY LLC																			
	2	FALLOW		N				1	A	16.39		Yes				NAP Unit 423	01	2025			
		Producer SUNVIEW DAIRY LLC																			
	3	FALLOW		N				1	A	16.82		Yes				NAP Unit 423	01	2025			
		Producer SUNVIEW DAIRY LLC																			
Cr/Co FALLOW	Var/Type	Irr Prc	Int Use	Non-Irrig	Irrigated			Cr/Co CORN	Var/Type	Irr Prc	Int Use	Non-Irrig	Irrigated			Cr/Co	Var/Type	Irr Prc	Int Use	Non-Irrig	Irrigated
		N		33.21					YEL	1	FG		124.52								
Photo Number/Legal Description: P23HI R6E T5S SEC 12																					
Cropland: 157.73 Reported on Cropland: 157.73 Difference: 0.00 Reported on Non-Cropland: 0.00																					

CriCo Var/Type Irr Prc Int Use Non-Irrig Irrigated
FALLOW N 33.21
Photo Number/Legal Description: P23H1 R6E T5S SEC 12

CriCo Var/Type Irr Prc Int Use Non-Irrig Irrigated
CORN CORN YEL 1 FG 124.52

Reported on Cropland: 157.73
Difference: 0.00
Reported on Non-Cropland: 0.00

1590	1	CORN	YEL	1	FG			1	A	127.67		Yes			6-1-2014	01	
		Producer SUNVIEW DAIRY LLC							Share 100.00			RMA Unit				NAP Unit 423	01
	2	ALFAL		1	FG			1	A	80.41		Yes			3-20-2010	01	2015
		Producer SUNVIEW DAIRY LLC							Share 100.00			RMA Unit				NAP Unit 423	01
	3	ALFAL		1	FG			1	A	82.21		Yes			3-20-2010	01	2015
		Producer SUNVIEW DAIRY LLC							Share 100.00			RMA Unit				NAP Unit 423	01
	4	CORN	YEL	1	FG			1	A	76.61		Yes			6-10-2014	01	
		Producer SUNVIEW DAIRY LLC							Share 100.00			RMA Unit				NAP Unit 423	01
	5	CORN	YEL	1	FG			1	A	77.45		Yes			6-10-2014	01	
		Producer SUNVIEW DAIRY LLC							Share 100.00			RMA Unit				NAP Unit 423	01
	7	FALLOW		N				1	A	8.54		Yes					2025
		Producer SUNVIEW DAIRY LLC							Share 100.00			RMA Unit				NAP Unit 423	01
	8	FALLOW		N				1	A	26.59		Yes					2025
		Producer SUNVIEW DAIRY LLC							Share 100.00			RMA Unit				NAP Unit 423	01

CriCo	Var/Type	Ir Prc	Int Use	Non-Intg	Irrigated	CriCo	Var/Type	Ir Prc	Int Use	Non-Intg	Irrigated	CriCo	Var/Type	Ir Prc	Int Use	Non-Intg	Irrigated
FALLOW	N			35.13		CORN	YEL	1	FG			ALFAL		1	FG		162.62

Photo Number/Legal Description:	P23HI,Q23HI	R6E T4S SEC 6-7															
Cropland:	476.48		Reported on Cropland:	479.48												Reported on Non-Cropland:	0.00
								</									

CriCo Var/Type Irr Prc Int Use Non-Irrig Irrigated
FALLOW N 35.13
Photo Number/Legal Description: P23H1,Q23H1 R6E T4S SEC 6-7

CriCo Var/Type Irr Prc Int Use Non-Irrig Irrigated
CORN CORN YEL 1 FG 281.73

Reported on Cropland: 476.48
Difference: 3.00
Reported on Non-Cropland: 0.00

24

Transfer 80026

ET Idaho 2012 -- Evapotranspiration and Consumptive Irrigation Water Requirements for Idaho

Please send suggestions for improving this site to robison at kimberly dot uidaho dot edu Copyright 2012, University of Idaho.

Mountain Home 1 W (NWS -- 106174)

Statistics based on thirty year normal spans 1969 to 2006 years

For a different land cover or crop click on the above link.

You can highlight this table and copy via the clipboard to a Microsoft Excel or OpenOffice spreadsheet to plot or otherwise work with this data.

Alfalfa - frequent cuttings															
Precipitation Deficit (Click here for a graph)															
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Growing Season ^a	Non Growing Season ^b	Annual
Mean ^j	mm/day												mm		
Monthly ^c	-0.28	0.12	0.33	3.04	4.82	5.47	6.17	5.31	3.55	1.86	-0.29	-0.35	936	-26	911
15-Day Moving Average ^d	-0.30	0.06	0.26	3.06	4.96	5.52	6.19	5.22	3.42	1.95	-0.36	-0.31			
7-Day Moving Average ^e	-0.29	0.10	0.27	3.02	4.91	5.51	6.19	5.24	3.47	1.88	-0.41	-0.33			
3-Day Moving Average ^f	-0.28	0.13	0.32	3.03	4.84	5.49	6.19	5.30	3.52	1.86	-0.32	-0.35			
Standard Deviation ^k	mm/day												mm		
Monthly ^c	0.52	0.26	0.76	1.07	1.66	0.86	0.90	0.76	1.01	1.41	0.49	0.74	92	27	94
15-Day Moving Average ^d	0.62	0.40	0.67	1.29	1.64	1.61	1.50	1.33	1.38	1.35	0.73	0.65			
7-Day Moving Average ^e	0.90	0.68	0.96	1.65	2.13	2.15	2.10	1.83	1.75	1.73	1.08	0.95			
3-Day Moving Average ^f	1.23	1.02	1.47	2.12	2.73	2.60	2.61	2.13	2.22	2.09	1.66	1.41			
20% Exceedance ^l	mm/day												mm		
Monthly ^c	0.07	0.28	0.57	3.75	5.43	6.07	6.72	5.76	4.46	2.82	0.09	0.05	1016	2	991
15-Day Moving Average ^d	0.36	0.61	1.16	5.10	7.07	8.11	8.61	7.37	5.45	4.02	0.78	0.40			
7-Day Moving Average ^e	0.79	1.23	1.84	5.91	8.21	8.96	9.29	8.00	6.21	4.53	1.46	0.69			

3-Day Moving Average ^f	1.08	1.82	3.28	7.54	9.13	10.08	10.03	8.61	6.86	5.32	2.06	0.92			
80% Exceedance^m	mm/day												mm		
Monthly ^c	-0.70	-0.07	-0.01	2.23	3.75	4.65	5.55	4.63	2.91	0.68	-0.63	-0.79	837	-51	810
15-Day Moving Average ^d	-1.50	-0.60	-0.64	0.83	2.35	2.85	3.69	2.80	1.59	-0.03	-1.50	-1.46			
7-Day Moving Average ^e	-2.67	-1.57	-1.72	-0.11	0.52	1.46	2.29	1.77	-0.40	-1.62	-3.26	-2.95			
3-Day Moving Average ^f	-4.85	-3.99	-4.04	-1.79	-1.62	0.10	0.65	1.06	-3.04	-5.20	-4.79	-5.63			
Ave Highest P_{def}	mm/day												--		
15-Day Moving Average ^g	0.21	0.44	0.92	4.14	6.13	7.07	7.99	6.63	4.44	2.90	0.41	0.23			
7-Day Moving Average ^h	0.59	0.97	1.65	5.06	7.52	8.26	8.86	7.52	5.56	3.57	1.01	0.57			
3-Day Moving Average ⁱ	0.83	1.53	2.63	6.09	8.43	9.31	9.58	8.23	6.34	4.27	1.76	0.95			
Ave Lowest P_{def}	mm/day												--		
15-Day Moving Average ^g	-0.76	-0.24	-0.26	2.05	3.64	3.84	4.46	3.76	2.45	0.93	-0.94	-0.84			
7-Day Moving Average ^h	-1.55	-0.86	-1.03	0.97	2.01	2.36	2.82	2.52	1.41	-0.34	-1.80	-1.62			
3-Day Moving Average ⁱ	-2.92	-1.93	-2.67	-0.34	-0.40	0.98	1.43	1.65	-0.35	-1.98	-3.63	-3.17			
Special normal distribution parameters for monthly, seasonal, and annual intervals															
Skew ^m	-0.22	-1.37	0.58	0.08	-0.28	-0.07	-0.24	-0.20	-0.73	-0.15	-0.41	-0.42	-0.01	-0.37	0.30
Kurtosis ^o	0.68	5.43	1.56	3.35	0.93	2.40	0.68	0.57	3.31	0.62	4.07	0.96	2.18	2.27	2.25

^a Growing Season: This is usually the time from green up or planting in the spring to a killing frost or harvest in the fall. It is not applicable for entries without a growing season and will be blank.

^b Nongrowing Season: This is usually the time from a killing frost or harvest in the fall to the of green up in the spring. It is not applicable for entries without a growing season.

^c Mean of the average daily value for month

^d Mean of the fourteen 15-day period averages contained in the month

^e Mean of the twenty three 7-day period averages contained in the month

^f Mean of the twenty seven 3-day period averages contained in the month

Transfer 80026

26

^g Mean of the highest/lowest 15-day period average in month

^h Mean of the highest/lowest 7-day period average in month

ⁱ Mean of the highest/lowest 3-day period average in month

^j This value represents the *mean value* for the parameter for the month over the 'normal' period of record. Generally, the 'normal' period is the last thirty years with data.

^k This value represents the *standard deviation* for the parameter for the month over the 'normal' period.

^l This value represents the *value* for the parameter that has a 20% chance of being exceeded that month during any particular year. Conversely, there is an 80% chance that the parameter value will be less than the *value* shown.

^m This value represents the *value* for the parameter that has a 80% chance of being exceeded that month during any particular year. Conversely, there is an 20% chance that the parameter value will be less than the *value* shown.

ⁿ This value represents the *skewness (asymmetry) of the distribution of the parameter values* for the month (year) over the 'normal' period. A value near zero indicates that the distribution approximates a normal (Gaussian) and symmetrical distribution. A negative skew indicates that the parameter distribution has relatively few low values compared to high values. A positive skew indicates that the distribution has relatively few high values compared to the number of low values. A skew value near 1 indicates that the underlying distribution approximates a lognormal distribution.

^o This value represents the *kurtosis* of the parameter value distribution for the month (year) over the 'normal' period. Kurtosis is a measurement of the height to width ratio of the probability distribution, or the *peakedness (slenderness)*. A normal (Gaussian) distribution has a kurtosis of 3. A high kurtosis distribution has a sharper peak and longer tails, while a low kurtosis distribution has a more rounded peak and shorter tails.

This work and report were prepared by the University of Idaho Research and Extension Center at Kimberly, Idaho under contract with the Idaho Department of Water Resources. Work was supported by funding from IDWR and the Idaho Agricultural Experiment Station and Idaho Engineering Experiment Station. The authors gratefully acknowledge the long-term evapotranspiration data collection and long-standing advice provided by Dr. James L. Wright, USDA-ARS Kimberly (ret.), the more than two decades of high quality agricultural weather data collection by the U.S. Bureau of Reclamation AgriMet system, and the very long-standing, routine data collection by the hundreds of cooperative weather station volunteers across the state who, for more than one-hundred years, have faithfully observed daily air temperature and precipitation.

The citation for the evapotranspiration data used from this site should be: Allen, Richard G. and Clarence W. Robison, 2012. *Evapotranspiration and Consumptive Irrigation Water Requirements for Idaho: Supplement updating the Time Series through December 2008, Research Technical Completion Report, Kimberly Research and Extension Center, University of Idaho, Moscow, ID.*

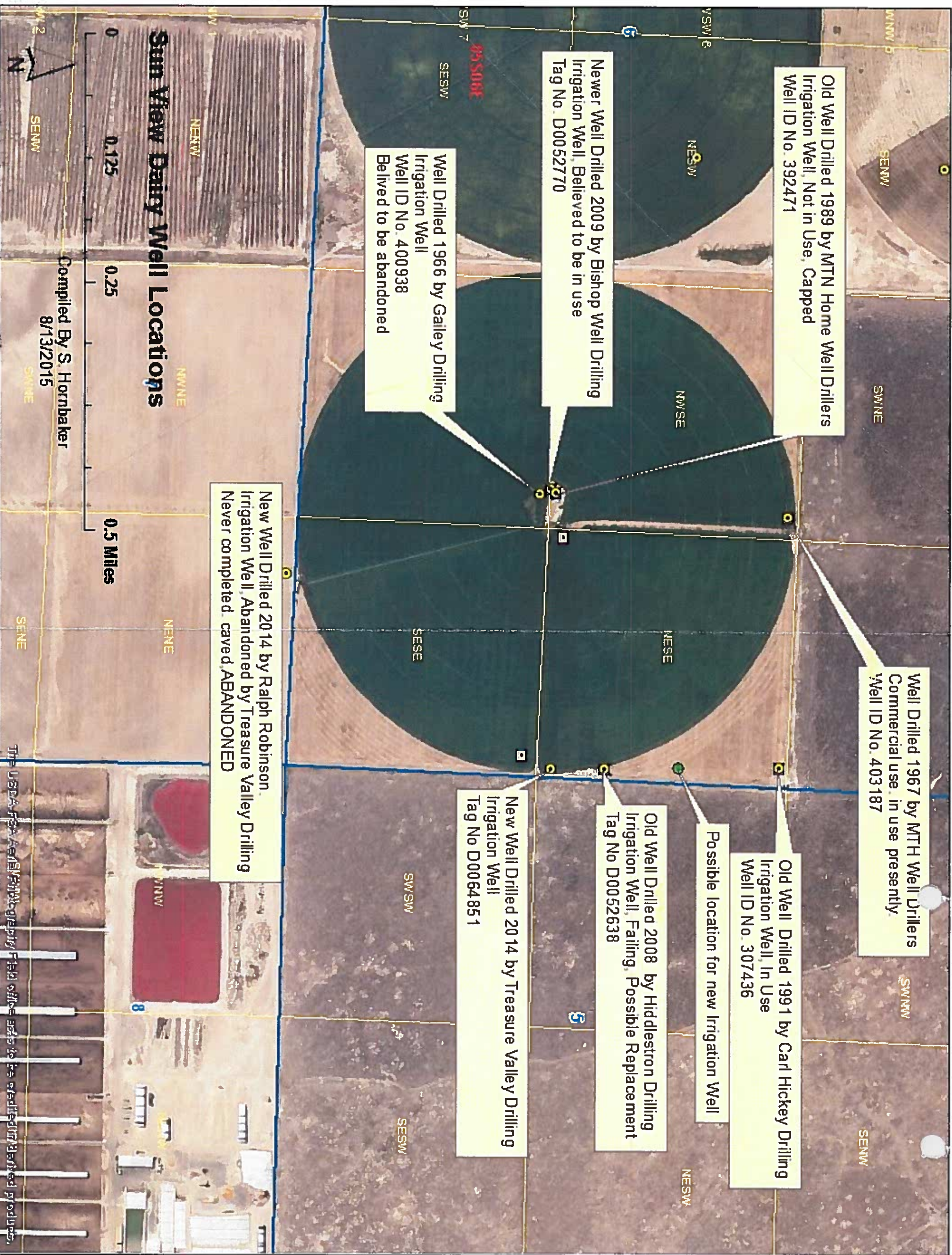
Questions regarding the data should be addressed to [Clarence W. Robison](#) or [Richard G. Allen](#), University of Idaho, Kimberly Research and Extension Center, 3793 North 3600 East, Kimberly, ID 83341. Telephone (208)-423-6610



Copyright 2012, University of Idaho.

ETIdaho web site powered by [Debian](#), [Apache](#), [Firebird DBMS](#), [Python](#), with matplotlib, and kinterbasdb.

Transfer 80026



Old Well Drilled 1989 by MTN Home Well Drillers
Irrigation Well, Not in Use, Capped
Well ID No. 392471

Well Drilled 1967 by MTH Well Drillers
Commercial use, in use presently.
Well ID No. 403187

Old Well Drilled 1991 by Carl Hickey Drilling
Irrigation Well, In Use
Well ID No. 307436

Possible location for new Irrigation Well

Old Well Drilled 2008 by Hiddlestron Drilling
Irrigation Well, Failing, Possible Replacement
Tag No D0052638

Newer Well Drilled 2009 by Bishop Well Drilling
Irrigation Well, Believed to be in use
Tag No. D0052770

Well Drilled 1966 by Gailey Drilling
Irrigation Well
Well ID No. 400938
Belived to be abandoned

New Well Drilled 2014 by Ralph Robinson.
Irrigation Well, Abandoned by Treasure Valley Drilling
Never completed, caved, ABANDONED

Sun View Dairy Well Locations

0 0.125

0.25

0.5 Miles

Compiled By S. Hornbaker
8/13/2015

The USDA Forest Service is not responsible for the content of this report.

