

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Transfer No. 76130

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 for processing by 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 <http://www.idwr.idaho.gov/>.

Check whether each item below is *attached* (Yes) or *not applicable* (N/A) for the proposed transfer.

- | <u>Yes</u> <u>N/A</u> | |
|-------------------------------------|--|
| ☒ | * Means the item is <u>always required</u> 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 <u>for each water right</u> for which <u>only a portion</u> 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 <u>not</u> 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 transfer 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). |
| ☐ | ☒ | #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 http://www.idwr.idaho.gov/water/rights/ . |
| ☒ | ☐ | #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.) |
| ☐ | ☒ | #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: _____ |

RECEIVED

NOV 18 2009

DEPT. OF WATER RESOURCES
SOUTHERN REGION

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Transfer No. _____

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

Name of Applicant(s) Wynn Dewsnap Family Revocable Trust Phone 208-645-2680

Mailing address P.O. Box 767 Rupert, ID 83350 Email bridgefarms@atcnet.net

- ☐ 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 AgTec Engineering & Environmental Associates Phone 208-733-6372

Mailing address 1182 Eastland Dr. North Suite A Email dustin@agtec.us

- ☐ 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 of Applicant or Authorized Representative

Print Name and Title if applicable

Date

Signature of Applicant or Authorized Representative

Print Name and Title if applicable

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. See attachment Part 1A.2.**

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Transfer No. _____

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1

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Mailing address P.O. Box 767 Rupert, ID 83350 Email bridgefarms@atcn.net

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- ☐ 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.

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☐ No Representative

Name of Representative AgTec Engineering & Environmental Associates Phone 208-733-6372

Mailing address 1182 Eastland Dr. North Suite A Email dustin@agtec.us

- ☐ 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.
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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.

Wynn Dewsnap Family Revocable Trust
Wynn Dewsnap
Signature of Applicant or Authorized Representative

Print Name and Title if applicable

8/24/09
Date

Signature of Applicant or Authorized Representative

Print Name and Title if applicable

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. See attachment Part 1A.2.

Part 1A.2.

This application is being submitted to change a portion of existing water rights 43-10806. This right currently provides water for irrigation. The Dewsnups are in the process of applying for a CAFO permit that would allow them to construct a new dairy facility on irrigated farmland that is currently serviced by these rights. As a result of the dairy construction irrigated farmland will be dried. The nature of use for water from some of this ground is being converted to stockwater and commercial use. This water will be used to provide water for a neighboring feedlot that will be expanded. This transfer is designed to move a portion of the water to the feedlot where it will be used. A second transfer will be submitted to provide water for the dairy facility. A water use estimate for the feedlot has been included with this application. It is estimated that 13 acre feet of water will need to be transferred to the feedlot to supply adequate water. The drying of four acres will provide 13.8 acre feet of water for the feedlot which when combined with the existing water right on the feedlot, should provide adequate water for the facility.

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 ☐ ☒	43-10806	0.07/13.8	Stockwtr / Commercial	1/01 to 12/31	Groundwater
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	

Total authorized under rights 3.03 cfs and/or 628 ac-ft

2. Total amount of water proposed to be transferred or changed 0.07 cubic feet per second and/or 13.8 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 #
x		SW	NW	SE	5	15S	27E	Cassia	Groundwater	
x		SE	NE	SW	5	15S	27E	Cassia	Groundwater	

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	
15S	27E	5									S/C				S/C	S/C			

Total Acres (for irrigation use) _____

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 diversion system will include two domestic wells west of the feedlot which will service the feedlot. The diversion system will be equipped with measuring devices as specified by IDWR.

- b. Who owns the property at the point(s) of diversion? The applicant
If other than the applicant, describe the arrangement enabling the applicant to access the property for the diversion system: _____

- 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: Farm Credit West FLCA**

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 irrigated land affected by this transfer will be dried up.

- 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: See attachment 5e

- 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: _____

Attachment # 6

A notarized statement from the lien holder has been included on the following page.

(place holder for letter from bank)

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

Current Water Right No.: 43-10806

Current Owner: WYNN DEWSNUP FAMILY REVOCABLE TRUST

Priority Date: 9/21/1961

Origin: Water Right

Status: Active

Basis: Decreed

Source

Tributary

GROUND WATER

Beneficial Use	From To	Diversion Rate	Annual Volume
IRRIGATION	03/15 to 11/15	3.03 CFS	628 AF
	Total Diversion	3.03 CFS	628 AF

Location of Point(s) of Diversion

GROUND WATER SW1/4NE1/4NW1/4 Sec. 19, Twp 15S, Rge 27E B.M.
CASSIA County

Place of Use

IRRIGATION Within CASSIA County

T15S R27E S18	SESW	40.00	T15S R27E S18	SWSE	40.00
T15S R27E S19	NWNE	40.00	T15S R27E S19	NENW	37.00
Total Acres: 157					

Conditions of Approval:

1. C18 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. THIS RIGHT IS A COMBINATION OF OLD RIGHT NOS. 43-02539 AND 43-02426.

Decreed Date: 6/28/2002

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

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 @ <http://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 @ <http://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: 43-10806

- [illegible]

2. Lands irrigated or place of use: (If irrigation, identify with number of acres irrigated per $\frac{1}{4}$ $\frac{1}{4}$ tract.)

[illegible]

Total Acres (for irrigation use) 157 _____

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**.

1. 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.:

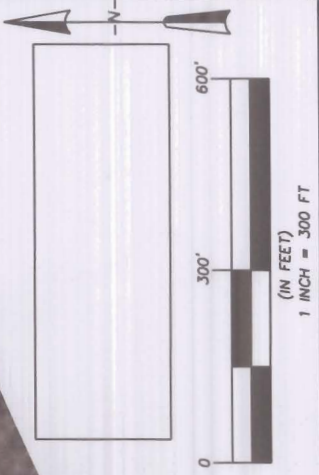
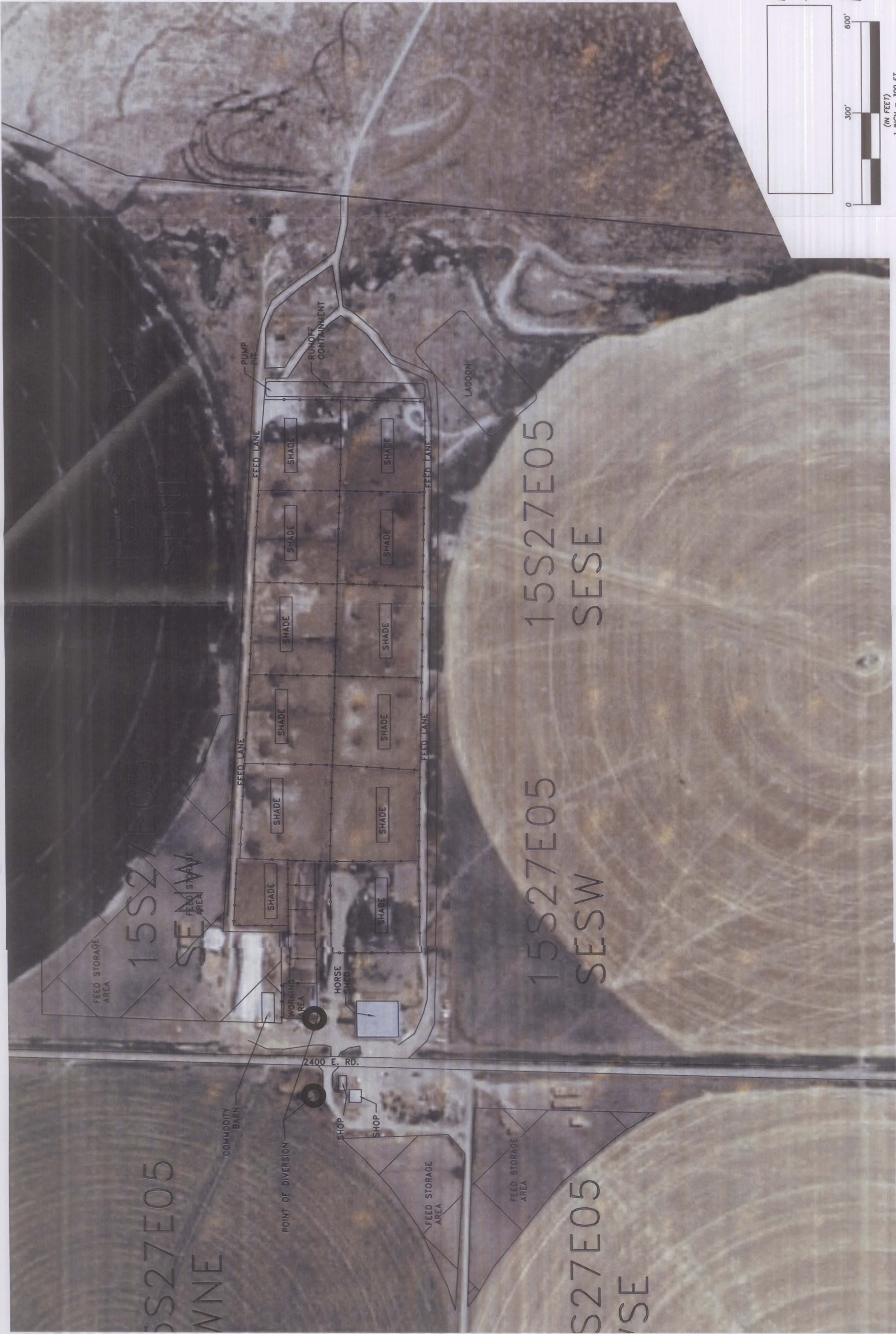
FOR DEPARTMENT USE ONLY

Transfer contains _____ pages and _____ attachments.

Received by JS Date 11-18-09 Prelim. Check by _____ Date _____

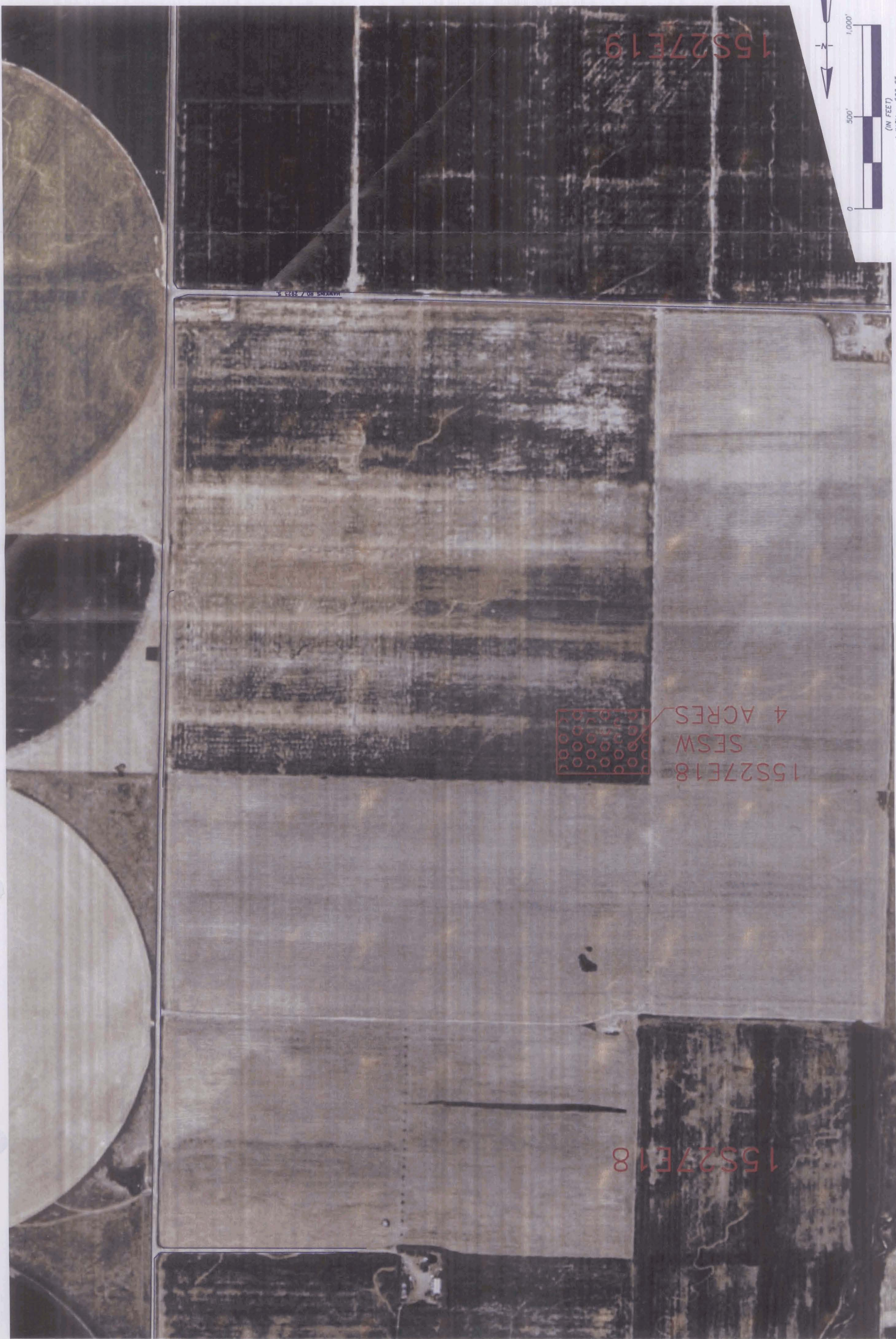
Fee Paid \$100.00 Date 11-18-09 Received by JS Receipt # 50311878

Add'l Fee Paid _____ Date _____ Received by _____ Receipt # _____



WYNN DEWSNUP TRUST		SCALE: 1" = 300'
PERMISSIBLE PLACE OF USE MAP		DESIGNED: CDN
AgTec Engineering & Environmental Associates 1182 Eastland Dr., Suite A Twin Falls, ID 83301 (208) 731-8640		DRAFTED: CDN
		CHECKED: N/A
		DATE: 8/26/09
SHEET: 1 OF 1		





Attachment 8A

The FSA crop report for the farm ground being dried has been included in this application. The Dewsnups have only owned this farm ground for approximately three years. Therefore, only a two year cropping history has been included. Over the last three years, alfalfa and barley have been grown on the ground that is being dried. This water transfer has been calculated using the irrigation requirement for alfalfa. According to the Malta 1 NE weather station, the consumptive irrigation water requirement for alfalfa in this area is 1035 millimeters or 3.45 feet per acre. The application requests to dry 4 acres. $4 \times 3.45 = 13.8$ acre feet, which is the total volume of water that will be provided by this transfer for stockwater and commercial uses at the feedlot.

The cropping history and consumptive use data demonstrate that the portions of the water rights being changed will not be enlarged in rate, volume or consumptive use through the proposed change.

FSA-578(Producer Print)

REPORT OF ACREAGE

PROGRAM YEAR 2008

DATE: 08-06-2009

15 of 24

Producer Name and Address ID
 BRIDGE FARMS LLC 6922
 PO BOX 767
 RUPERT, ID 83350-0767

NOTE: The following statements are made in accordance with the Privacy Act of 1974(5 USC 552a). The Agricultural Adjustment Act of 1938, as amended, and the Agricultural Act of 1949, as amended, authorized the collection of the following data. The data will be used to determine eligibility for assistance. Furnishing the data is voluntary, however, without it assistance cannot be provided. The data may be furnished to any agency responsible for enforcing the provisions of the Acts. Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate, or any other aspect of this collection of information, including suggestions for reducing this burden, to the Department of Agriculture, Clearance Officer, Ag Box 7630, Washington, D.C. 20250; and to the Office of Management and Budget, Paperwork Reduction Project (OMB No. 0560-0004), Washington, D.C. 20503. RETURN THIS COMPLETED FORM TO YOUR FSA COUNTY OFFICE.

Farm Number	Tract Number	CLU/Field	Ir Pr	Var/ C/C	Int Type	C/C Use	Rpt Stat	Reported Quantity	Determined Quantity	Crp Lnd	Planting Date	Prod Share	Prod Name	RMA Opt
-------------	--------------	-----------	-------	----------	----------	---------	----------	-------------------	---------------------	---------	---------------	------------	-----------	---------

1039	1611	1	Ir	BARLY SPR	Grain	I	A	3.60		Y	04-03-2008	1.0000	BRIDGE FARMS LLC	
		2	Ir	BARLY SPR	Grain	I	A	131.90		Y	04-03-2008	1.0000	BRIDGE FARMS LLC	

Photo Number/Legal Description: 1611 EE36 S7 T15 R27 S18 T15 R27

Cropland: 135.5 Farmland: 149.0

4052	9366	1A	Ni	FALLOW		I	A	9.60		Y		1.0000	BRIDGE FARMS LLC	
		1B	Ir	BARLY SPR	Grain	I	A	30.70		Y	04-05-2008	1.0000	BRIDGE FARMS LLC	
		1C	Ni	FALLOW		I	A	9.70		Y		1.0000	BRIDGE FARMS LLC	
		1D	Ir	BARLY SPR	Grain	I	A	30.10		Y	04-07-2008	1.0000	BRIDGE FARMS LLC	

Photo Number/Legal Description: 9366 EE36 S17,20 T15 R27

Cropland: 80.1 Farmland: 81.0

4741	1616	1	Ir	ALFAL	Forage	I	A	31.00		Y	05-01-2005	1.0000	BRIDGE FARMS LLC	
		2A	Ir	ALFAL	Forage	I	A	60.00		Y	05-01-2005	1.0000	BRIDGE FARMS LLC	
		2B	Ir	ALFAL	Forage	I	A	15.00		Y	05-01-2004	1.0000	BRIDGE FARMS LLC	
		2C	Ir	ALFAL	Forage	I	A	31.00		Y	05-01-2005	1.0000	BRIDGE FARMS LLC	

Photo Number/Legal Description: 1616 DD38 S19 T15 R27

Cropland: 205.3 Farmland: 210.0

4742	1612	1	Ir	WHEAT SWS	Grain	I	A	35.80		Y	03-21-2008	1.0000	BRIDGE FARMS LLC	
		2	Ir	ALFAL	Forage	I	A	39.60		Y	05-01-2007	1.0000	BRIDGE FARMS LLC	
		3	Ir	WHEAT SWS	Grain	I	A	68.40		Y	03-26-2008	1.0000	BRIDGE FARMS LLC	
	1614	1A	Ni	FALLOW		I	A	7.00		Y		1.0000	BRIDGE FARMS LLC	
		1B	Ir	BARLY WTR	Grain	I	A	66.90		Y	09-05-2007	1.0000	BRIDGE FARMS LLC	
		2A	Ir	BARLY WTR	Grain	I	A	12.10		Y	09-05-2007	1.0000	BRIDGE FARMS LLC	

FSA-578(Producer Print)

REPORT OF ACREAGE

PROGRAM YEAR 2008

16 of 24

DATE: 08-06-2009

Farm Number	Tract Number	CLU/Field	In Pr	C/C	Var/Type	Int Use	C/C Stat	Rpt Unt	Reported Quantity	Determined Quantity	Crp Lnd	Planting Date	Prod Share	Prod Name	RMA Opt	Unt
		2B	In	ALFAL	Forage	I	A	66.50			Y	05-25-2008	1.0000	BRIDGE FARMS LLC		
1617	1A	Ni	FALOW				I	A	1.40		Y		1.0000	BRIDGE FARMS LLC		
	1B	In	ALFAL		Forage	I	A	45.00			Y	05-01-2004	1.0000	BRIDGE FARMS LLC		
	1C	Ni	FALOW				I	A	16.40		Y		1.0000	BRIDGE FARMS LLC		
	1D	In	ALFAL		Forage	I	A	30.00			Y	05-01-2004	1.0000	BRIDGE FARMS LLC		
	2A	Ni	FALOW				I	A	20.50		Y		1.0000	BRIDGE FARMS LLC		
	2B	In	ALFAL		Forage	I	A	40.90			Y	05-01-2004	1.0000	BRIDGE FARMS LLC		
	2C	Ni	FALOW				I	A	20.40		Y		1.0000	BRIDGE FARMS LLC		
	2D	In	ALFAL		Forage	I	A	60.00			Y	05-01-2004	1.0000	BRIDGE FARMS LLC		
1649	1A	Ni	FALOW				I	A	8.40		Y		1.0000	BRIDGE FARMS LLC		
	1C	Ni	FALOW				I	A	8.30		Y		1.0000	BRIDGE FARMS LLC		
	2A	Ni	FALOW				I	A	6.80		Y		1.0000	BRIDGE FARMS LLC		
	3A	Ni	FALOW				I	A	8.10		Y		1.0000	BRIDGE FARMS LLC		
	4A	Ni	FALOW				I	A	9.80		Y		1.0000	BRIDGE FARMS LLC		
	4B	In	WHEAT SWS		Grain	I	A	61.00			Y	03-28-2008	1.0000	BRIDGE FARMS LLC		
	4C	Ni	FALOW				I	A	9.80		Y		1.0000	BRIDGE FARMS LLC		
	5A	Ni	FALOW				I	A	9.10		Y		1.0000	BRIDGE FARMS LLC		
	5B	In	WHEAT SWS		Grain	I	A	61.00			Y	03-28-2008	1.0000	BRIDGE FARMS LLC		
	5C	Ni	FALOW				I	A	9.10		Y		1.0000	BRIDGE FARMS LLC		
9368	1A	In	ALFAL		Forage	I	A	60.00			Y	05-25-2008	1.0000	BRIDGE FARMS LLC		
	1B	Ni	FALOW				I	A	7.00		Y		1.0000	BRIDGE FARMS LLC		
	1C	Ni	FALOW				I	A	5.00		Y		1.0000	BRIDGE FARMS LLC		
	1D	In	ALFAL		Forage	I	A	5.80			Y	05-25-2008	1.0000	BRIDGE FARMS LLC		
	2A	In	ALFAL		Forage	I	A	30.00			Y	05-25-2008	1.0000	BRIDGE FARMS LLC		
	2B	Ni	FALOW				I	A	5.00		Y		1.0000	BRIDGE FARMS LLC		
	2C	In	ALFAL		Forage	I	A	2.80			Y	05-25-2008	1.0000	BRIDGE FARMS LLC		
	2D	Ni	FALOW				I	A	7.00		Y		1.0000	BRIDGE FARMS LLC		
	2E	In	ALFAL		Forage	I	A	30.00			Y	05-25-2008	1.0000	BRIDGE FARMS LLC		
	3A	In	ALFAL		Forage	I	A	30.90			Y	05-25-2008	1.0000	BRIDGE FARMS LLC		
	3B	Ni	FALOW				I	A	7.00		Y		1.0000	BRIDGE FARMS LLC		
	4A	In	ALFAL		Forage	I	A	60.00			Y	05-25-2008	1.0000	BRIDGE FARMS LLC		
	4B	Ni	FALOW				I	A	7.00		Y		1.0000	BRIDGE FARMS LLC		

FSA-578(Producer Print)

REPORT OF ACREAGE

PROGRAM YEAR 2009

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DATE: 08-05-2009

Farm Number	Tract Number	CLU/Field	Ir Pr	C/C	Var/Type	Int Use	C/C Stat	Rpt Reported	Determined	Crp Lnd	Planting Date	Prod Share	Prod Name	RMA Opt
			Ir	TRICL		Graze		.00				1.0000	BRIDGE FARMS LLC	
			Ni	TRICL		Graze		.00				1.0000	BRIDGE FARMS LLC	
1612	1	Ir	WHEAT SWS		Grain	I	A	35.80		Y	04-24-2009	1.0000	BRIDGE FARMS LLC	
	2	Ir	ALFAL		Forage	I	A	39.60		Y	05-01-2004	1.0000	BRIDGE FARMS LLC	
	3	Ir	WHEAT SWS		Grain	I	A	68.40		Y	04-24-2009	1.0000	BRIDGE FARMS LLC	
1614	1A	Ni	FALOW			I	A	7.00		Y		1.0000	BRIDGE FARMS LLC	
	1B	Ir	BARLY SPR		Grain	I	A	66.90		Y	04-22-2009	1.0000	BRIDGE FARMS LLC	
	2A	Ir	BARLY SPR		Grain	I	A	12.10		Y	04-22-2009	1.0000	BRIDGE FARMS LLC	
	2B	Ir	ALFAL		Forage	I	A	66.50		Y	05-25-2008	1.0000	BRIDGE FARMS LLC	
1617	1A	Ni	FALOW			I	A	1.40		Y		1.0000	BRIDGE FARMS LLC	
	1B	Ir	ALFAL		Forage	I	A	45.00		Y	05-01-2004	1.0000	BRIDGE FARMS LLC	
	1C	Ni	FALOW			I	A	16.40		Y		1.0000	BRIDGE FARMS LLC	
	1D	Ir	ALFAL		Forage	I	A	30.00		Y	05-01-2004	1.0000	BRIDGE FARMS LLC	
	2A	Ni	FALOW			I	A	20.50		Y		1.0000	BRIDGE FARMS LLC	
	2B	Ir	ALFAL		Forage	I	A	40.90		Y	05-01-2004	1.0000	BRIDGE FARMS LLC	
	2C	Ni	FALOW			I	A	20.40		Y		1.0000	BRIDGE FARMS LLC	
	2D	Ir	ALFAL		Forage	I	A	60.00		Y	05-01-2004	1.0000	BRIDGE FARMS LLC	
1649	1A	Ni	FALOW			I	A	8.40		Y		1.0000	BRIDGE FARMS LLC	
	1B MT	Ir	BARLY SPR		Grain	I	A	62.00		Y	04-10-2009	1.0000	BRIDGE FARMS LLC	
	1C	Ni	FALOW			I	A	8.30		Y		1.0000	BRIDGE FARMS LLC	
	2A	Ni	FALOW			I	A	6.80		Y		1.0000	BRIDGE FARMS LLC	
	2B MT	Ir	BARLY SPR		Grain	I	A	30.00		Y	04-10-2009	1.0000	BRIDGE FARMS LLC	
	3A	Ni	FALOW			I	A	8.10		Y		1.0000	BRIDGE FARMS LLC	
	3B MT	Ir	BARLY SPR		Grain	I	A	30.00		Y	04-10-2009	1.0000	BRIDGE FARMS LLC	
	4A	Ni	FALOW			I	A	9.80		Y		1.0000	BRIDGE FARMS LLC	
	4B	Ir	WHEAT SWS		Grain	I	A	61.00		Y	04-24-2009	1.0000	BRIDGE FARMS LLC	
	4C	Ni	FALOW			I	A	9.80		Y		1.0000	BRIDGE FARMS LLC	
	5A	Ni	FALOW			I	A	9.10		Y		1.0000	BRIDGE FARMS LLC	
	5B	Ir	WHEAT SWS		Grain	I	A	61.00		Y	04-24-2009	1.0000	BRIDGE FARMS LLC	
	5C	Ni	FALOW			I	A	9.10		Y		1.0000	BRIDGE FARMS LLC	
9368	1A	Ir	ALFAL		Forage	I	A	60.00		Y	05-25-2008	1.0000	BRIDGE FARMS LLC	
	1B	Ni	FALOW			I	A	7.00		Y		1.0000	BRIDGE FARMS LLC	

Tract 1614
Farm 1238

1
73.9

2
78.6

300 0 300 600 900 1200 Feet



Map Printed: Oct 28, 2004

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ET_{Idaho} --- Evapotranspiration and Consumptive Irrigation

Water Requirements for Idaho

Please send suggestions for improving this site to robson@kimberly.uidaho.edu Copyright 2007, University of Idaho.

Malta 1 NE (NWS NOAA--105563)

Statistics based on 30 years between 1972 to 2002

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 - less frequent cuttings														
Precipitation Deficit (Click here for a graph)														
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Growing Season ^a	Annual
Mean	mm/day												mm	
Monthly ^b	0.05	0.18	0.57	2.86	5.34	6.03	7.56	5.53	4.84	1.72	0.07	0.11	1035	1062
15-Day Moving Average ^c	0.11	0.07	0.51	2.88	5.36	6.15	7.89	5.37	4.79	1.76	0.02	0.12	41.4 inches 3.45 AF	
7-Day Moving Average ^d	0.08	0.13	0.55	2.84	5.32	6.10	7.74	5.44	4.80	1.73	0.04	0.10		
3-Day Moving Average ^e	0.05	0.16	0.57	2.86	5.32	6.06	7.60	5.52	4.83	1.71	0.06	0.11		
Standard Deviation	mm/day												mm	
Monthly	0.46	0.35	0.63	1.38	2.20	1.10	1.80	1.35	1.19	1.70	0.29	0.60	122	128
15-Day Moving Average	0.62	0.51	0.62	1.68	1.97	1.62	1.59	1.65	1.82	1.47	0.46	0.58		
7-Day Moving Average	0.85	0.78	0.94	2.01	2.63	2.45	2.21	2.06	2.41	1.83	0.71	0.73		
3-Day Moving Average	1.09	1.14	1.52	2.52	3.39	3.25	3.01	2.57	3.09	2.26	1.10	1.07		
20% Exceedance	mm/day												mm	
Monthly	0.15	0.38	0.75	3.74	6.53	6.97	8.71	6.31	5.50	2.26	0.28	0.17	1118	1163
15-Day Moving Average	0.62	0.62	1.34	5.06	8.26	8.92	9.95	8.11	7.25	3.85	0.73	0.51		
7-Day Moving Average	0.98	1.39	2.22	6.59	9.47	9.98	10.56	8.99	8.76	5.18	1.28	0.92		
3-Day Moving Average	1.56	1.80	3.58	8.02	10.77	11.37	11.59	10.07	9.62	5.99	2.10	1.31		
80% Exceedance	mm/day												mm	

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Monthly	0.25	0.01	0.33	1.61	3.66	5.15	6.40	4.71	3.92	0.61	-0.23	0.39	926	933
15-Day Moving Average	1.22	0.57	-0.63	0.53	2.14	2.99	4.94	2.94	1.71	0.04	-0.82	1.07		
7-Day Moving Average	1.85	1.19	-1.40	-0.22	-0.53	1.26	2.46	1.88	0.15	1.53	-1.67	2.23		
3-Day Moving Average	4.16	2.73	-4.62	-2.25	-5.25	-2.63	-1.80	-0.65	3.22	4.35	-3.71	4.31		
Ave Highest ET	mm/day												--	
15-Day Moving Average ^f	0.40	0.43	1.10	4.07	6.82	7.74	9.11	6.90	6.43	2.66	0.54	0.26		
7-Day Moving Average ^g	0.67	0.99	1.73	5.21	8.32	9.29	10.03	8.21	7.79	3.67	1.01	0.56		
3-Day Moving Average ^h	1.04	1.48	2.77	6.58	9.69	10.46	10.97	9.25	8.97	4.55	1.51	0.84		
Ave Lowest ET	mm/day												--	
15-Day Moving Average ^f	0.46	0.22	0.00	1.80	3.81	4.52	6.38	3.87	3.17	0.88	-0.40	0.39		
7-Day Moving Average ^g	1.13	0.78	-0.64	0.74	1.91	2.40	4.48	2.80	1.73	0.23	-0.97	0.92		
3-Day Moving Average ^h	2.32	1.91	-2.28	-1.12	-1.24	0.07	1.31	0.86	0.54	2.09	-2.30	2.05		
Special normal distribution parameters for monthly, seasonal, and annual intervals													--	
Skew	0.52	1.89	0.42	0.15	-0.03	-0.85	-0.19	0.19	0.26	0.39	0.07	0.55	0.62	0.74
Kurtosis	1.17	7.13	1.23	2.71	0.68	3.18	0.62	0.67	3.02	1.15	2.89	1.18	3.55	3.09

^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 Mean of the average daily value for month

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

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

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

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

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

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

Dairy Water Use Requirements

Date

8/3/2009



Owner/Operator Info

Name: Garrett Dewsnup Address: 2263 E 2775 S Telephone: 208-645-2680
 County: Cassia City: Malta State: Idaho Zip Code: 83342

Facility Info

Name: Bridge Farms Feedlot Address: 2350 E 2900 S Telephone: 0
 County: Cassia City: Malta State: Idaho Zip Code: 83342

Dairy Stock Water Requirements

Animal Type	# of Animals	Animal Weight (lbs)	Animal Units	Drinking Requirement (gal/hd/day)	Drinking Requirement (gal/day)	Total Drinking (acft/yr)	Reference
Lactating cow 14	0	1,400	0.0	0.0	0	0.00	N/A
none	0	0	0.0	0.0	0	0.00	N/A
Dry Cow 14	0	1,400	0.0	0.0	0	0.00	N/A
none	0	0	0.0	0.0	0	0.00	N/A
Dairy Cattle 2.5	0	293	0.0	0.0	0	0.00	N/A
Heifer 7.5	0	683	0.0	0.0	0	0.00	N/A
Heifer 10	1,904	1,040	1,980.2	10.4	19,802	22.18	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
Totals	1,904		1,980.2		19,802	22.18	

Stock water requirement in acre ft/ year

22.2

Stock water pumping diversion in cfs

0.03

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Wash Water Sizing

	Barn 1	Barn 2	Barn 3	Barn 1 Breakdown below
# Cows milked	0	0	0	
Stations/side	0	0	0	
Strings/milking	0	0	0	
Milkings per Day	3	2	0 milkings/day	
Cow Prep.	0	0	0 gal/day	3 milkings/day 0.2 gal/cow/milking
Bulk Tank	0	0	0 gal/day	
Pipelines	0	0	0 gal/day	0 cycles/wash 375 gallons/cycle
Claw Back flush	0	0	0 gal/day	0 gal/cycle 0 cycles/wash
Parlor Hand Washdown	0	0	0 gal/day	0 gal/min 45 min/milking
Deck Sprays	0	0	0 gal/day	gal/min runtime sec 0 cycles/day
Deck Flush	0	0	0 gal/day	0 gal/min 0.25 min/cycle 135 cycles/day
Holding Pen Flush	0	0	0 gal/day	0 gal/min 1 min/cycle 12 cycles/day
Holding Pen Hand Washdown	0	0	0 gal/day	0 gal/min 5 min/milking
Sprinkler Pen Water Use	0	0	0 gal/day	0 heads 5 gpm/head 3 min/pen 100 % use
Milk Room Cleaning	0	0	0 gal/day	
Water Trough Cleaning	1262	0	0 gal/day	8 # of troughs 1200 gal/trough 4 #/month
Miscellaneous	0	0	0 gal/day	0
	0	0	0	Total Parlor gal/day
Yearly Parlor Wash Volume		0 Gallons/year		Notes
Yearly Parlor Wash Volume		0.00 Acre Ft/year		0
Commercial Diversion Rate		0.000 CFS		

Recyclable Water Use	Barn 1	Barn 2	Barn 3	
Milking Parlor Throughput	160	64	0 Cows/hr	
Time Milking Per Day	0.0	0.0	0 hours/day	
Plate Cooler Water Use	-	-	- Gal/day	
Water Cooled Compressor	-	-	- Gal/day	
Water Cooled Vacuum Pump	-	-	- Gal/day	
	-	-	-	Total Cooling Parlor Volume/day in gallons

Water Use Evaluation

Clean Water Use	0 Gal/day
Cow Drinking water use	19802 Gal/day
Commercial Parlor Use	0 Gal/day
Net Excess Cooling Water	0 Gal/day
Yearly Parlor Cooling Volume (amount exceeding that recycled)	0.0 Acre Ft/year



Total Facility Water Use Requirements

Stock water Requirement	22.2 Acre Ft/yr	Gallons per day per animal unit
Commercial Parlor Use	0.0 Acre Ft/yr	10.4 gal/au/day
Additional Cooling Use	0.0 Acre Ft/yr	

Total Water Use Estimate	22.2 Acre Ft/yr	
Total Diversion Rate	0.03 Cubic Feet/Second (CFS)	13.8 GPM

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

Existing Water Rights	Diversion rate	Volume	
	cfs	gal/day	acre/ft/year
43-13537	0.27	13,000	11.7
		total	11.7

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. Holter & 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