

RECEIVED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES80562
Transfer No. Page 1

DEC 02 2015

MINIMUM REQUIREMENTS CHECKLIST
TO BE SUBMITTED WITH APPLICATION FOR TRANSFERDEPT OF WATER RESOURCES
SOUTHERN REGION

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 www.idwr.idaho.gov.

Name of Applicant(s) Reed Gibby for Evard L.L.C.Check 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: _____

OCT 07 2015

DEPT OF WATER RESOURCES
SOUTHERN REGIONSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

DEC 02 2015

DEPT OF WATER RESOURCES
SOUTHERN REGIONAPPLICATION FOR TRANSFER OF WATER RIGHT
PART 1Name of Applicant(s) Reed Gibby for Evard L.L.C. Phone 208-312-2733Mailing address 872 East Pebble Drive, Burley ID 83318 Email reed@gibbygroup.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 RepresentativeName of Representative Matthew Thompson Phone 2087318640Mailing address 1993 tamarack loop, Twin Falls ID 83301 Email matthewthompson1993@gmail.com

- ☐ 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

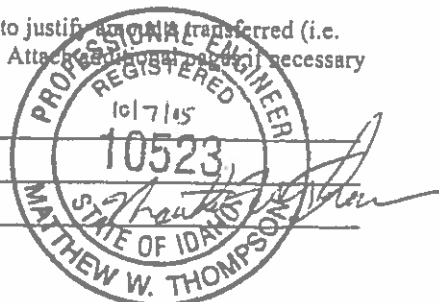
Signature of Applicant or Authorized Representative

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 any transfer (i.e. number of stock, etc.), and provide additional explanation of any other items on the application. Attach additional detail if necessary and label it Part 1A.2.

Transfer additional water for a new dairy farm.

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1 ContinuedB. 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 ☐ ☒	43-13741	0.58/107.39	commercial/stockwater	1/01 to 12/31	groundwater
☐ ☒	43-13741	16.44/5841.6	irrigation	3/15 to 11/15	groundwater
☐ ☐		* 5552 ac		to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	

Total authorized under rights 17.02 cfs and/or 5699.9 ~~5748~~ acre-feet

2. Total amount of water proposed to be transferred or changed 0.58 cubic feet per second and/or 107.39 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	1/4	1/4	1/4	Sec	Twp	Rge	County	Source	Local name or tag #
		NW	NW	SW	5	10S	28E	Cassia	Groundwater Primary well	
		SE	SE	SW	5	10S	28E	"	"	
			NE	NE	8	10S	28E	"	"	
		SW	SW	NW	8	10S	28E	"	"	
			NE	SE	5	10S	28E	"	"	
		NW	NW		8	10S	28E	"	"	

4. Place of use: (If irrigation, identify with number of acres irrigated per 1/4 1/4 tract.)

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

Twp	Rge	Sec	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Acre Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
10S	28E	5																	*
10S	28E	4																	
10S	28E	4	22	22			3.6	5.4											
10S	28E	5	38	40	40	38	40	40	40	40	15.5	15.5	40	40	30	36	40	40	575
10S	28E	8	33	40	40	33	40	39	40	40	29	38	2		38	32			444
Total Acres (for irrigation use)																			1390

MT 12/30/15
 * 39 40 ac
 40 ac
 15.5 15.5 40 40 30 36 40 40
 29 38 2 38 32
 Total Acres (for irrigation use) 1388 acre limit
 Matt Thompson
 per email 12/4/15

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. There are no measuring devices on the farm at this time. One well will be the primary water source for the dairy. A device could be placed on the pipeline from that well. However the volume under this transfer is very small compared to the overall right.

- b. Who owns the property at the point(s) of diversion? Evard LLC

If other than the applicant, describe the arrangement enabling the applicant to access the property for the diversion system:
Evard LLC is owned by Reed Gibby the applicant.

- 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: _____

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 flow and volume to the stock and commercial rights of a new organic dairy.

- 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 no other irrigation rights applicable to this site.

- 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:

This farm has been enrolled in CRP for a long period of time. It was removed from CRP in 2014 and is currently being farmed.

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: 43-13741

1. amount 0.58 cfs / 196 ac-ft (cfs/ac-ft) for irrigation purposes from 3/15 to 11/15
 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 ¼ ¼ tract.)

[illegible]

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Water Right Report

5/14/2015

WATER RIGHT NO. 43-13741

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	EVARD LLC 872 EAST PEBBLE DR BURLEY, ID 83318 (208)654-2733
Original Owner	CONDIE BROTHERS 4625 W 4100 S WEST VALLEY CITY, UT 84120 (801)968-4943

Priority Date: 07/25/1973

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	03/15	11/15	17.02 CFS	5748 AFA
Total Diversion			17.02 CFS	

Location of Point(s) of Diversion:

GROUND WATER	NWNWSW	Sec. 05	Township 10S	Range 28E	CASSIA County
GROUND WATER	SESESW	Sec. 05	Township 10S	Range 28E	CASSIA County
GROUND WATER	NENE	Sec. 08	Township 10S	Range 28E	CASSIA County
GROUND WATER	SWSWNW	Sec. 08	Township 10S	Range 28E	CASSIA County

IRRIGATION Use:
Acre Limit: 1437

Place(s) of use:

Place of Use Legal Description: IRRIGATION CASSIA 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>
10S	28E	4		SWNE	22		SENE	22						
				NWNW	3.6		SWNW	5.4						
				NESW	40		NWSW	38		SWSW	40		SESW	40
				NESE	40		NWSE	40		SWSE	40		SESE	40
		5	1	NENE	38	2	NWNE	40		SWNE	40		SENE	38
			3	NENW	40	4	NWNW	41		SWNW	40		SENE	40
				NESW	40		NWSW	40		SWSW	40		SESW	40
				NESE	30		NWSE	38		SWSE	40		SESE	40
		8		NENE	33		NWNE	40		SWNE	40		SENE	33
				NENW	40		NWNW	39		SWNW	40		SENE	40
				NESW	29		NWSW	38		SWSW	2			
				NESE	38		NWSE	32						

Total Acres: 1440

Conditions of Approval:

1. X27 This right is limited to the irrigation of 1437.0 acres within the place of use described above in a single irrigation season.
2. 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.
3. 01M 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.
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.
5. T07 The right holder shall accomplish the change authorized by this transfer within one year of the date of this approval.
6. 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.
7. T19 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.

Dates:

Licensed Date:

Decreed Date: 06/28/2002

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

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

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 right(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:

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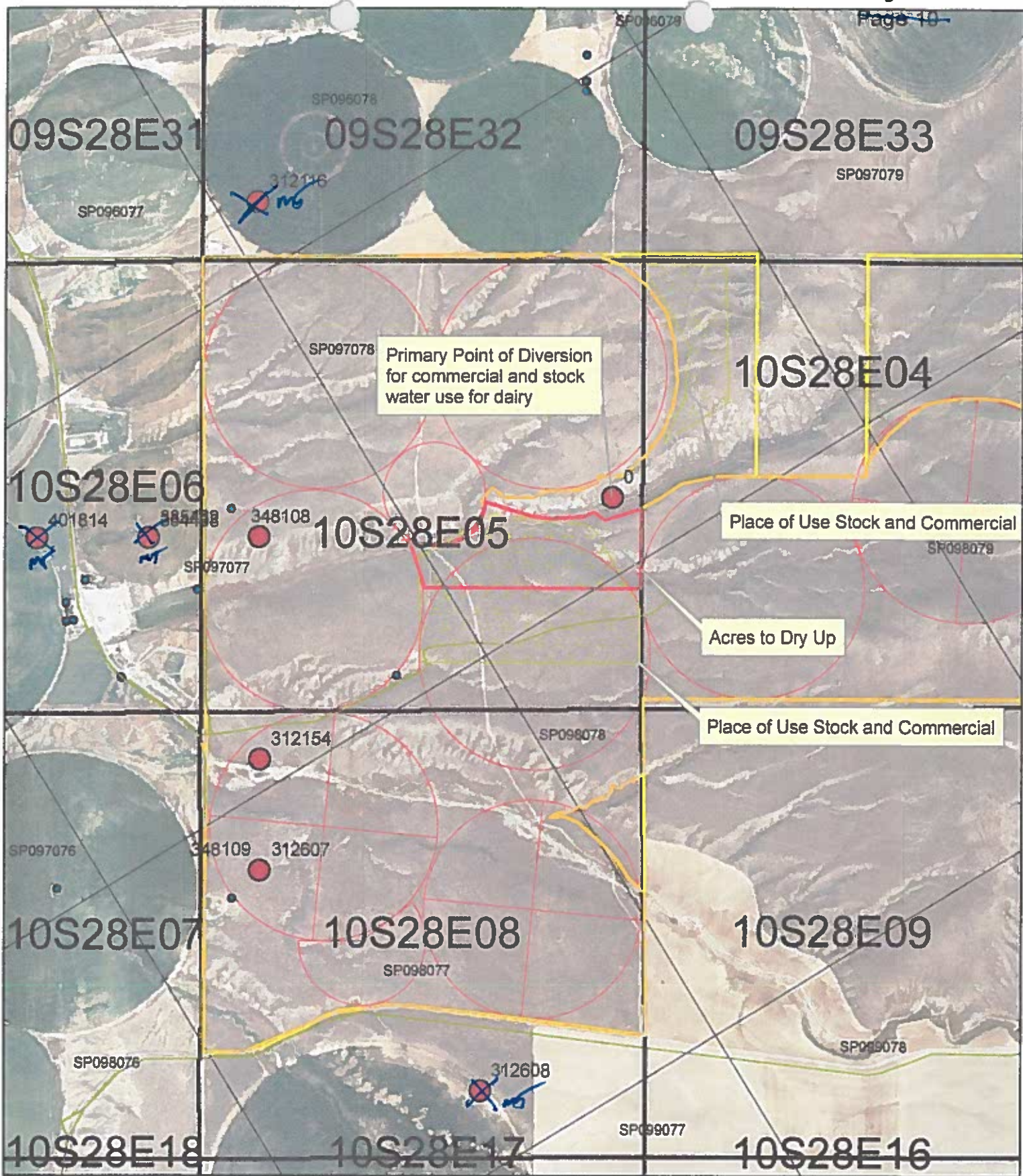
FOR DEPARTMENT USE ONLY

Transfer contains _____ pages and _____ attachments.

Received by GR Date 12.3.2015 Preliminary check by _____ Date _____

Fee paid \$ 750- Date 12.3.2015 Received by DM Receipt # 5035134

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



Evard LLC

Attachment 7a & 7b

TRANSFER 80562

1,320

Feet

Legend

- Acres to Transfer
- 43-13741
- Condie Farm
- Pivots-Bounds
- 13741
- modelgrid
- wrpod





Dairy Water Use Requirements

Date 10/12/2015

Owner/Operator Info

Name: Reed Gibby Address: Telephone: 0
 County: Cassia City: 0 State: 0 Zip Code: 0

Facility Info

Name: 0 Address: Telephone: 0
 County: Cassia City: Raft River 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	1,500	1,400	2,100.0	33.0	49,545	55.50	Modified Kertz Equation, A.F. Kertz, Ralston Purina
none	0	0	0.0	0.0	0	0.00	N/A
Dry Cow 14	225	0	0.0	13.0	2,925	3.28	Water Intake and Quality for Dairy Cattle, Richard S.
none	0	0	0.0	0.0	0	0.00	N/A
Heifer 7.5	1,273	700	891.1	7.9	10,057	11.26	Fresh Water Needs for Dairy Farms, Dean Faulk U of I
Heifer 10	135	1,200	162.0	12.0	1,620	1.81	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
Totals	3,133		3,153.1		64,147	71.85	

Stock water requirement in acre ft/ year 71.9
 Stock water pumping diversion in cfs 0.10

**Wash Water Sizing**

	Barn 1	Barn 2	Barn 3	Barn 1 Breakdown below
# Cows milked	1,500	0	0	
Stations/side	50	0	0	
Strings/milking	30	0	0	
Milkings per Day	3	0	0	3 milkings/day 0.25 gal/cow/milking
Cow Prep.	1,125	0	0	
Bulk Tank	2,200	0	0	
Pipelines	2,100	0	0	4 cycles/wash 175 gallons/cycle
Claw Back flush	2,160	0	0	0.12 gal/cycle 4 cycles/wash
Parlor Hand Washdown	1,800	0	0	30 gal/min 20 min/milking
Deck Sprays	2,712	0	0	4 gal/min 452 runtime sec 90 cycles/day
Deck Flush	3,000	0	0	30 gal/min 5 min/cycle 20 cycles/day
Holding Pen Flush	0	0	0	0 gal/min 0 min/cycle 0 cycles/day
Holding Pen Hand Washdown	2,700	0	0	30 gal/min 30 min/milking
Sprinkler Pen Water Use	0	0	0	0 heads 0 gpm/head 0 min/pen 0 % use
Milk Room Cleaning	300	0	0	
Water Trough Cleaning	1026	0	0	26 # of troughs 300 gal/trough 4 #/month
Miscellaneous	3500	0	0	
	22,623	0	0	
Yearly Parlor Wash Volume	8,257,305 Gallons/year			
Yearly Parlor Wash Volume	25.34 Acre Ft/year			
Commercial Diversion Rate	0.035 CFS			

Notes

Plate cooler water use is assumed to be 2 gal water to 1 gal milk. Its is also assumed to only run when milking. Water use at 24 hrs per day would spill clean water to the lagoon.

Recyclable Water Use

	Barn 1	Barn 2	Barn 3
Milking Parlor Throughput	225	65	65 Cows/hr
Time Milking Per Day	20.0	0.0	0 hours/day
Plate Cooler Water Use	23,494	-	- Gal/day
Water Cooled Compressor	-	-	- Gal/day
Water Cooled Vacuum Pump	-	-	- Gal/day
	23,494	-	- Total Cooling Parlor Volume/day in gallons

Water Use Evaluation

Clean Water Use	23494 Gal/day
Cow Drinking water use	64147 Gal/day
Commercial Parlor Use	22623 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	71.9 Acre Ft/yr	Gallons per day per animal unit
Commercial Parlor Use	25.3 Acre Ft/yr	26.2 gal/au/day
Additional Cooling Use	0.0 Acre Ft/yr	
Water Use Estimate	97.2 Acre Ft/yr	
Safety Factor	1.1 SF	
Total Water Use Estimate	106.9 Acre Ft/yr	
Total Diversion Rate	0.15 Cubic Feet/Second (CFS)	66.3 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
		0
		acre/ft/year
		0.0

0.0

Consumptive Use Calculations

FSA Crop	Year	Station	Mean GS
Grain	2014	Burley	mm
			668
		Acft	Acres Needed
		2.19	48.78

Water Rights Affected

Right #	Total Acres	cfs	AFA	Acres Used	Acres Needed	Acres Remaining	% Used	AcFt Transferred	cfs Transferred	cfs Remaining	% of Right
43-13741	1437	17.02	5748	49.00	48.78	1388.00	3.41%	107.39	0.58	16.44	3.41%
						0.00	#DIV/0!	0.00	#DIV/0!	#DIV/0!	#DIV/0!
						0.00	#DIV/0!	0.00	#DIV/0!	#DIV/0!	#DIV/0!
						0.00	#DIV/0!	0.00	#DIV/0!	#DIV/0!	#DIV/0!
Totals	1437	17.02	5748	49.00		3.41%	% Used				

58.30 acft Transferred

Combined Rights	Net AcFt		Acres	
	Transferred	Acres	Remaining	
Original Use Combined	17.02	5748	107.39	1437.00
Dried up Portion	0.58	196.0	107.39	49.00
Remaining 43-13741	16.44	5641.6		1388.00
43-13741 sc	0.58	107.39		
	17.02	5699.9		

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



United States Department of Agriculture
Farm Service Agency

Farm: 1006
Tract: 1765

Cassia County, ID

1:8,633

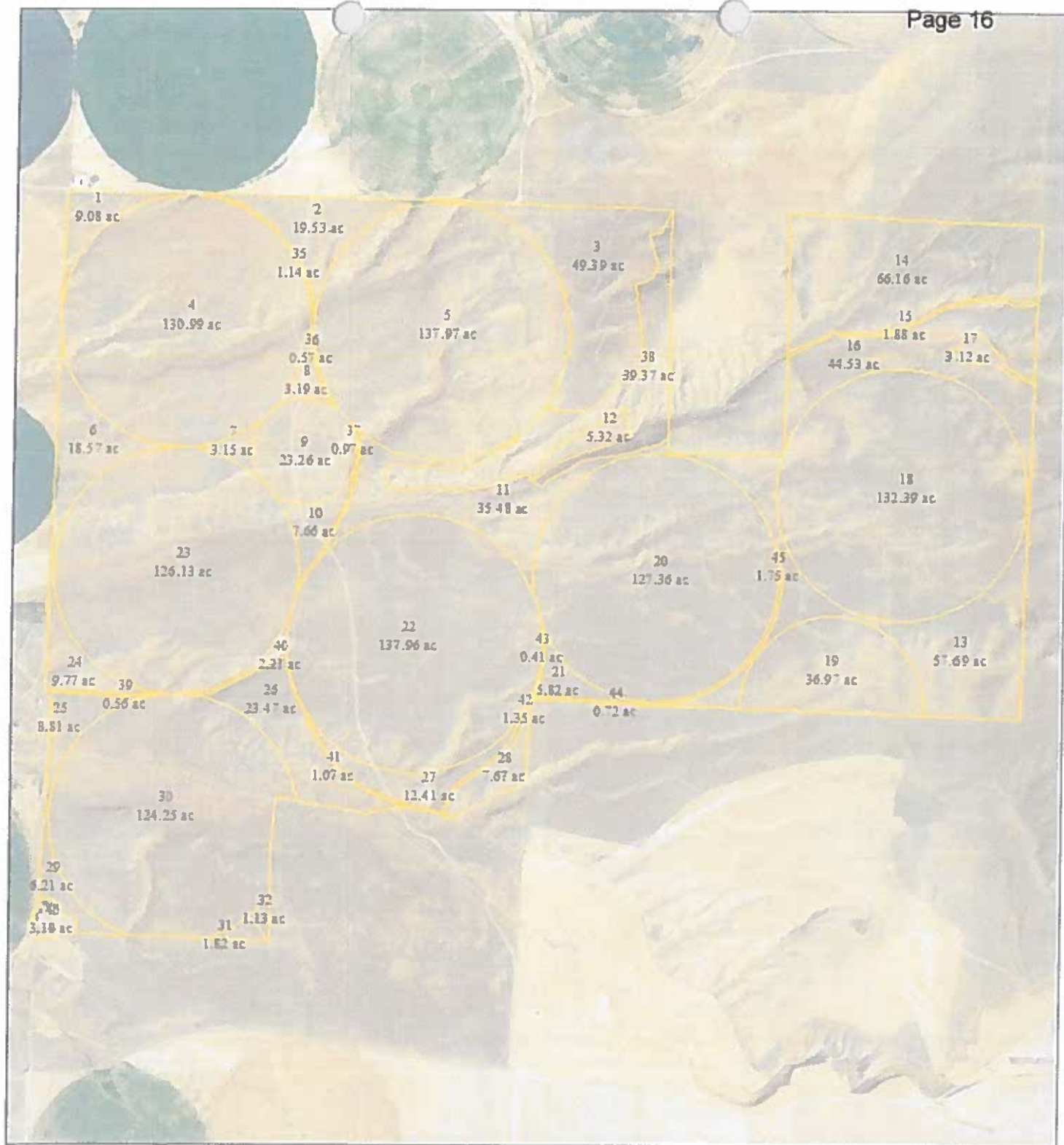
June 19, 2015



2015

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original determination (CFA-020 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.

TRANSFER 80562



United States Department of Agriculture
Farm Service Agency

Farm: 1006
Tract: 1719

Cassia County, ID

1:17,473

June 19, 2015



2015

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original determination (CFA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.

TRANSFER 80562

FSA - 578 (Producer Print)

REPORT OF COMMODITIES

PROGRAM YEAR: 2015

Producer Name and Address

GIBBY FARMS
872 PEBBLE DR
BURLEY, ID 83318-5098

FARM AND TRACT DETAIL LISTING

DATE: 08/14/2015
PAGE: 1

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	Irrigation Practice	Crop/Commodity	Var/Type	Int Use	Act Use	Organic Status	C/C Status	Reporting Unit	Reported Quantity	Determined Quantity	Crop Land	Planting Date	Planting Period	End Date	Producer Share	Producer Name	RMA Unit	NAP Unit
1006	1719	1	N	GRASS	WCR	GZ	C	C	I	A	9.08		Yes	4/1/06	01		100.00	GIBBY FARMS		20
		2	N	GRASS	WCR	GZ	C	C	I	A	19.53		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
		3	N	GRASS	WCR	GZ	C	C	I	A	49.39		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
		4	I	OATS	SPR	FG	C	C	I	A	130.99		Yes	5/29/15	01		100.00	GIBBY FARMS		2057
		5	I	BARLY	SPR	GR	C	C	I	A	137.97		Yes	4/22/15	01		100.00	GIBBY FARMS		2057
		6	N	GRASS	WCR	GZ	C	C	I	A	18.57		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
		7	N	GRASS	WCR	GZ	C	C	I	A	3.15		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
		8	N	GRASS	WCR	GZ	C	C	I	A	3.19		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
		9	I	OATS	SPR	FG	C	C	I	A	23.26		Yes	5/30/15	01		100.00	GIBBY FARMS		2057
		10	N	GRASS	WCR	GZ	C	C	I	A	7.66		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
		11	N	GRASS	WCR	GZ	C	C	I	A	35.48		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
		12	N	GRASS	WCR	GZ	C	C	I	A	5.32		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
		13	N	GRASS	WCR	GZ	C	C	I	A	57.69		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
		14	N	GRASS	WCR	GZ	C	C	I	A	66.16		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
		16	N	GRASS	WCR	GZ	C	C	I	A	44.53		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
		18	I	BARLY	SPR	GR	C	C	I	A	132.39		Yes	4/20/15	01		100.00	GIBBY FARMS		2057
		19	I	BARLY	SPR	GR	C	C	I	A	36.97		Yes	4/17/15	01		100.00	GIBBY FARMS		2057
		20	I	BARLY	SPR	GR	C	C	I	A	127.36		Yes	4/24/15	01		100.00	GIBBY FARMS		2057
		21	N	GRASS	WCR	GZ	C	C	I	A	5.82		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
		22	I	WHEAT	SWW	GR	C	C	I	A	137.96		Yes	10/30/14	01		100.00	GIBBY FARMS		2057
		23	I	OATS	SPR	FG	C	C	I	A	126.13		Yes	4/8/15	01		100.00	GIBBY FARMS		2057
		24	N	GRASS	WCR	GZ	C	C	I	A	9.77		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
		25	N	GRASS	WCR	GZ	C	C	I	A	8.81		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
		26	N	GRASS	WCR	GZ	C	C	I	A	23.47		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
		27	N	GRASS	WCR	GZ	C	C	I	A	12.41		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
		28	N	GRASS	WCR	GZ	C	C	I	A	7.67		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
		29	N	GRASS	WCR	GZ	C	C	I	A	6.21		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
		30	I	BARLY	WTR	GR	C	C	I	A	124.25		Yes	10/2/14	01		100.00	GIBBY FARMS		2057
		31	N	GRASS	WCR	GZ	C	C	I	A	1.82		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
		32	N	GRASS	WCR	GZ	C	C	I	A	1.13		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
Photo Number/Legal Description: HH6.8 JJ6 S4.5.8 T10 R28																				
												Cropland: 1,374.14								
1006	1765	1	I	BARLY	WTR	GR	C	C	I	A	4.86		Yes	10/2/14	01		100.00	GIBBY FARMS		2057
		2	N	GRASS	WCR	GZ	C	C	I	A	4.29		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
		3	N	GRASS	WCR	GZ	C	C	I	A	9.35		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
		4	N	GRASS	WCR	GZ	C	C	I	A	41.47		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
		5	I	BARLY	WTR	GR	C	C	I	A	1.13		Yes	10/2/14	01		100.00	GIBBY FARMS		2057

TRANSFER 80562

FSA - 578 (Producer Print)

REPORT OF COMMODITIES

PROGRAM YEAR: 2015

Producer Name and Address

GIBBY FARMS

872 PEBBLE DR

BURLEY ID 83318-5099

DATE: 08/14/2015

PAGE: 2

FARM AND TRACT DETAIL LISTING

Farm Number	Tract Number	CLU/Field	Irrigation Practice	Crop/Commodity	Var/Int Type	Act Use	Organic Status	C/C Status	Reporting Unit	Reported Quantity	Determined Quantity	Crop Land	Planting Date	Planting Period	End Date	Producer Share	Producer Name	RMA Unit	NAP Unit
1006	1765	6	I	WHEAT	SWW GR	C		I	A	24.64		Yes	10/4/14	01		100.00	GIBBY FARMS		2057
		7	N	GRASS	WCR GZ	C		I	A	7.09		Yes	4/1/06	01		100.00	GIBBY FARMS		2057
		8	I	WHEAT	SWW GR	C		I	A	122.81		Yes	10/4/14	01		100.00	GIBBY FARMS		2057
		9	N	GRASS	WCR GZ	C		I	A	10.51		Yes	4/1/08	01		100.00	GIBBY FARMS		2057

Photo Number/Legal Description: HH8 S8 T10 R28

Crop/ Commodity	Var/ Type	Irrigation Practice	Int Use	Reported Quantity	Determined Quantity	Prevented Reported Quantity	Prevented Determined Quantity	Experimental Reported Quantity	Experimental Determined Quantity	Volunteer Reported Quantity	Volunteer Determined Quantity	N/A Reported Quantity	N/A Determined Quantity
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Farm Number	Tract Number	CLU/ Number Field	Irrigation Practice	Crop/ Commodity	Var/ Type	Int Use	Act Use	Organic Status	C/C Status	Reporting Unit	Reported Quantity	Determined Quantity	Crop Land	Planting Date	Planting Period	End Date	Producer Name	Producer Share	RMA Unit	NAP Unit
5303	1480	4	N	FALLOW			C	I	A	A	0.84		Yes	01			GIBBY FARMS	100.00		2057
		5	N	CRP	001		C	I	A	A	8.01		Yes	01		2016	GIBBY FARMS	100.00		2057
		6	N	FALLOW			C	I	A	A	1.31		Yes	01			GIBBY FARMS	100.00		2057
		8	N	FALLOW			C	I	A	A	1.13		Yes	01			GIBBY FARMS	100.00		2057
		9	I	WHEAT	SWS GR		C	I	A	A	99.48		Yes	3/10/15	01		GIBBY FARMS	100.00		2057
		10	N	FALLOW			C	I	A	A	17.13		Yes	01			GIBBY FARMS	100.00		2057

Photo Number/Legal Description: CC10 S27 28 T10 R26

5303	1481	1	N	CRP	001	C	I	A	21.20	Yes	01	2020	100.00	GIBBY FARMS	2057
		2	N	CRP	17A	C	I	A	15.69	Yes	01	2017	100.00	GIBBY FARMS	2057
		3	N	CRP	001	C	I	A	61.53	Yes	01	2020	100.00	GIBBY FARMS	2057
Photo Number/Legal Description: AA10 S28.29 T10 R26															
Cropland: 98.42															
Farmland: 98.42															

Photo Number Legal Description: AA10 S28 29 T10 R26

5303	1919	1	N	CRP	001	C	I	A	616.16	Yes	01	2020	100.00	GIBBY FARMS	2057
		2	N	CRP	001	C	I	A	31.85	Yes	01	2020	100.00	GIBBY FARMS	2057
		3	N	CRP	001	C	I	A	13.31	Yes	01	2020	100.00	GIBBY FARMS	2057
		4	N	CRP	17A	C	I	A	33.40	Yes	01	2017	100.00	GIBBY FARMS	2057
		5	N	CRP	17A	C	I	A	12.78	Yes	01	2017	100.00	GIBBY FARMS	2057
		6	N	CRP	001	C	I	A	368.48	Yes	01	2020	100.00	GIBBY FARMS	2057
		7	I	WHEAT	SWW GR	C	I	A	79.19	Yes	10/15/14	01	100.00	GIBBY FARMS	2057
		8	I	ALFAL	FG	C	I	A	135.94	Yes	5/15/13	01	100.00	GIBBY FARMS	2057

Photo Number/Legal Description: AA10 S28,29,30 T10 R26

FSA - 578 (Producer Print)

REPORT OF COMMODITIES

PROGRAM YEAR: 2015

Producer Name and Address

GIBBY FARMS

872 PEBBLE DR

BURLEY, ID 83318-5089

FARM AND TRACT DETAIL LISTING

DATE: 08/14/2015

PAGE: 4

Crop/ Commodity	Var/ Type	Irrigation Practice	Int Use	Reported Quantity	Determined Quantity	Prevented Reported Quantity	Prevented Determined Quantity	Experimental Reported Quantity	Experimental Determined Quantity	Volunteer Reported Quantity	Volunteer Determined Quantity	N/A Reported Quantity	N/A Determined Quantity
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CRP 001 N 1,838.08

CRP 010 N 822.25

CRP 04D N 84.35

CRP 17A N 61.87

FALLOW N 79.35

OATS SPR I FG 39.22

TREES I 21.81

WHEAT SWS I GR 99.48

WHEAT SWW I GR 79.19

Farming Operation Totals

Crop/ Commodity	Var/ Type	Irrigation Practice	Int Use	Reported Quantity	Determined Quantity	Prevented Reported Quantity	Prevented Determined Quantity	Experimental Reported Quantity	Experimental Determined Quantity	Volunteer Reported Quantity	Volunteer Determined Quantity	N/A Reported Quantity	N/A Determined Quantity
--------------------	--------------	------------------------	------------	----------------------	------------------------	-----------------------------------	-------------------------------------	--------------------------------------	--	-----------------------------------	-------------------------------------	-----------------------------	-------------------------------

ALFALF I FG 231.60

BARLY I GR 434.69

BARLY WTR I GR 130.24

CRP 001 N 1,838.08

CRP 010 N 822.25

CRP 04D N 84.35

CRP 17A N 61.87

FALLOW N 79.35

GRASS WCR N GZ 469.57

OATS SPR I FG 319.60

TREES I 21.81

WHEAT SWS I GR 98.48

WHEAT SWW I GR 364.60

CERTIFICATION: I certify to the best of my knowledge and belief that the acreage of crops/commodities and land uses listed herein are true and correct and that all required crops/commodities and land uses have been reported for the farms as applicable. Absent any different or contrary prior subsequent certification filed by any producer for any crop for which NAP coverage has been purchased, I certify that the applicable crop, type, practice, and intended use is not planted if it is not included on the Report of Commodities for this crop year. The signing of this form gives FSA representatives authorization to enter and inspect crops/commodities and land uses on the above identified land. A signature date (the date the producer signs the FSA-578) will also be captured.

Producer's Signature (By)

Date

This program or activity will be conducted on a nondiscriminatory basis without regard to race, color, religion, national origin, sex, age, marital status, or disability.

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.

Malta 1 NE (NWS -- 105563)

Statistics based on thirty year normal spans 1964 to 2002 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.

Winter Grain - Irrigated 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	-0.05	0.14	0.64	2.39	5.35	7.97	5.03	0.51	-0.16	0.08	-0.11	-0.11	668	-5	663
15-Day Moving Average ^d	-0.11	0.03	0.59	2.35	5.33	8.08	5.11	0.48	-0.14	0.09	-0.13	-0.07			
7-Day Moving Average ^e	-0.08	0.09	0.63	2.34	5.33	8.02	5.05	0.49	-0.17	0.06	-0.12	-0.09			
3-Day Moving Average ^f	-0.05	0.12	0.64	2.39	5.33	7.98	5.03	0.50	-0.17	0.07	-0.10	-0.11			
Standard Deviation^k	mm/day												mm		
Monthly ^c	0.45	0.38	0.78	1.29	2.23	1.28	2.56	0.61	0.41	0.33	0.33	0.54	51	10	54
15-Day Moving Average ^d	0.60	0.57	0.83	1.57	2.08	1.52	2.65	0.41	0.56	0.41	0.53	0.47			
7-Day Moving Average ^e	0.79	0.85	1.18	1.85	2.73	2.35	3.24	0.64	0.93	0.73	0.74	0.68			
3-Day Moving Average ^f	1.03	1.19	1.79	2.39	3.41	3.23	3.85	1.11	1.58	1.21	1.16	1.10			
20% Exceedance^l	mm/day												mm		
Monthly ^c	0.15	0.36	1.13	3.48	6.81	8.79	6.29	0.70	0.08	0.20	0.16	0.13	701	3	699
15-Day Moving Average ^d	0.59	0.61	1.85	4.60	8.27	10.06	9.63	1.22	0.57	0.57	0.59	0.51			
7-Day Moving Average ^e	1.07	1.32	2.54	5.82	9.59	11.23	10.76	2.16	1.28	1.32	1.14	0.92			

3-Day Moving Average ^f	1.41	1.82	3.93	7.35	10.88	12.12	11.42	4.19	2.50	2.44	1.72	1.23	Page 22		
80% Exceedance ^m	mm/day												mm		
Monthly ^c	-0.50	-0.12	0.07	1.12	3.61	6.96	2.68	0.16	-0.50	-0.17	-0.42	-0.44	622	-10	612
15-Day Moving Average ^d	-1.30	-0.63	-1.01	-0.09	1.58	5.18	0.88	-0.38	-1.34	-0.82	-1.21	-1.22			
7-Day Moving Average ^e	-2.32	-1.20	-2.83	-0.36	-1.50	2.43	0.22	-1.23	-3.30	-1.88	-1.89	-2.72			
3-Day Moving Average ^f	-4.51	-3.16	-6.15	-2.96	-5.93	-2.51	-6.57	-3.53	-6.70	-5.22	-3.83	-4.86			
Ave Highest P _{def}	mm/day														
15-Day Moving Average ^g	0.39	0.41	1.37	3.34	7.02	9.36	7.63	0.96	0.33	0.41	0.37	0.33			
7-Day Moving Average ^h	0.70	0.97	2.08	4.49	8.44	10.36	8.90	1.52	0.77	0.92	0.80	0.65			
3-Day Moving Average ⁱ	1.02	1.42	3.10	6.12	9.67	11.59	10.21	2.56	1.48	1.54	1.40	1.06			
Ave Lowest P _{def}	mm/day														
15-Day Moving Average ^g	-0.45	-0.26	-0.13	1.45	3.64	6.79	2.59	0.04	-0.63	-0.32	-0.55	-0.38			
7-Day Moving Average ^h	-1.08	-0.82	-0.99	0.55	1.85	4.48	1.22	-0.45	-1.49	-0.99	-1.14	-1.00			
3-Day Moving Average ⁱ	-2.21	-2.06	-3.01	-1.54	-1.29	1.29	-1.39	-1.70	-3.46	-2.58	-2.54	-2.16			
Special normal distribution parameters for monthly, seasonal, and annual intervals															
Skew ^m	-0.40	-1.30	0.04	0.31	0.16	-0.54	-0.01	0.51	-2.09	-0.26	-0.84	-0.56	0.75	-1.64	0.78
Kurtosis ^o	0.90	5.45	0.50	2.49	0.75	3.41	0.60	1.48	8.20	1.09	3.83	1.37	3.31	5.39	3.20

^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

^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

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

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Malta 1 NE (NWS -- 105563)

Statistics based on thirty year normal spans 1964 to 2002 years

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Mean^j	mm/day												mm		
Monthly ^c	-0.15	-0.06	0.10	1.23	3.92	7.81	7.55	1.21	-0.16	-0.15	-0.25	-0.18	668	-29	640
15-Day Moving Average ^d	-0.21	-0.14	0.08	1.17	3.85	7.92	7.77	1.05	-0.14	-0.13	-0.26	-0.14			
7-Day Moving Average ^e	-0.18	-0.10	0.09	1.14	3.86	7.85	7.66	1.11	-0.16	-0.16	-0.25	-0.16			
3-Day Moving Average ^f	-0.15	-0.08	0.10	1.18	3.90	7.82	7.56	1.18	-0.17	-0.16	-0.25	-0.18			
Standard Deviation^k	mm/day												mm		
Monthly ^c	0.46	0.33	0.45	0.88	2.28	1.33	2.11	1.53	0.38	0.41	0.28	0.43	58	22	70
15-Day Moving Average ^d	0.58	0.52	0.50	1.10	1.92	1.65	2.04	1.22	0.53	0.43	0.42	0.38			
7-Day Moving Average ^e	0.75	0.76	0.79	1.38	2.45	2.38	2.62	1.54	0.89	0.74	0.63	0.56			
3-Day Moving Average ^f	0.95	1.07	1.36	1.95	3.11	3.17	3.36	1.95	1.53	1.25	1.00	0.88			
20% Exceedance^l	mm/day												mm		
Monthly ^c	0.06	0.15	0.28	1.67	4.81	8.66	8.63	1.68	0.06	0.03	-0.04	0.01	716	-10	694
15-Day Moving Average ^d	0.31	0.35	0.70	2.56	6.48	10.14	10.31	3.24	0.60	0.34	0.34	0.25			
7-Day Moving Average ^e	0.64	0.73	1.23	3.43	7.84	11.16	11.23	4.80	1.31	0.89	0.74	0.54			

3-Day Moving Average ^f	1.00	1.25	2.41	5.71	9.45	12.15	11.97	6.52	2.48	1.88	1.12	0.76	Page 25		
80% Exceedance ^m	mm/day												mm		
Monthly ^c	-0.27	-0.24	-0.17	0.44	2.12	6.59	6.31	0.28	-0.34	-0.36	-0.61	-0.54	612	-51	579
15-Day Moving Average ^d	-0.66	-0.66	-1.02	-0.22	0.64	4.51	3.52	-0.36	-1.32	-1.04	-1.30	-0.75			
7-Day Moving Average ^e	-1.54	-1.26	-1.96	-1.07	-1.58	2.58	1.74	-1.16	-2.52	-2.24	-2.00	-1.50			
3-Day Moving Average ^f	-3.34	-3.01	-5.07	-3.22	-5.77	-2.19	-3.21	-3.47	-6.71	-5.25	-3.83	-3.47			
Ave Highest P _{def}	mm/day												--		
15-Day Moving Average ^g	0.22	0.20	0.53	2.00	5.34	9.32	9.43	2.29	0.33	0.21	0.17	0.15			
7-Day Moving Average ^h	0.44	0.60	1.07	2.80	6.62	10.38	10.43	3.35	0.77	0.63	0.48	0.35			
3-Day Moving Average ⁱ	0.72	0.97	1.84	4.59	8.06	11.55	11.38	4.58	1.48	1.14	0.88	0.51			
Ave Lowest P _{def}	mm/day												--		
15-Day Moving Average ^g	-0.51	-0.39	-0.39	0.52	2.48	6.50	5.86	0.22	-0.59	-0.52	-0.63	-0.43			
7-Day Moving Average ^h	-1.07	-0.92	-1.08	-0.35	0.95	4.44	4.06	-0.42	-1.44	-1.12	-1.19	-0.90			
3-Day Moving Average ⁱ	-2.06	-2.16	-2.79	-2.32	-1.85	1.54	1.04	-1.66	-3.31	-2.87	-2.45	-1.97			
Special normal distribution parameters for monthly, seasonal, and annual intervals															
Skew ^m	-0.61	-2.56	-0.08	0.42	0.26	-0.32	-0.13	0.41	-2.44	-0.48	-0.45	-0.42	0.33	-0.31	0.59
Kurtosis ^o	1.35	11.23	0.64	3.64	1.19	2.70	0.78	1.04	10.03	1.19	2.31	0.88	2.54	2.85	3.11

^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

^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

No. W 2104	Due no later than Feb 28, 2015 Annual Report Form		2. Registered Agent and Address (NO PO BOX)	
Return to: SECRETARY OF STATE 700 WEST JEFFERSON PO BOX 83720 BOISE, ID 83720-0080 NO FILING FEE IF RECEIVED BY DUE DATE	1. Mailing Address: Correct in this box if needed. EVARD, L.L.C. REED GIBBY 872 E PEBBLE DR BURLEY ID 83318	REED GIBBY 873 EAST PEBBLE DRIVE BURLEY 83318		
		3. <u>New</u> Registered Agent Signature:*		
4. Limited Liability Companies: Enter Names and Addresses of at least one Member or Manager.				
Office Held MANAGER	Name REED GIBBY	Street or PO Address 873 EAST PEBBLE DRIVE	City BURLEY	State Country Postal Code ID 83318
5. Organized Under the Laws of: ID W 2104		6. Annual Report must be signed.* Signature: Reed Gibby Date: 12/16/2014 Name (type or print): Reed Gibby Title: Manager		
Processed 12/16/2014		* Electronically provided signatures are accepted as original signatures.		

TRANSFER 80562



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region • 650 Addison Ave W, Suite 500 • Twin Falls, Idaho 83301-5858

Phone: (208) 736-3033 • Fax: (208) 736-3037 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

January 13, 2016

EVARD LLC
872 E PEBBLE DR
BURLEY, ID 83318

RE: Transfer No. 80562
Water Right No(s). 43-13741

Dear Applicant(s):

The Department of Water Resources has received your water right transfer application. Please refer to the transfer number referenced above in all future correspondence regarding this transfer.

A legal notice of the application has been prepared and is scheduled for publication in the **TIMES NEWS** on 1/21/2016 and 1/28/2016. Protests to this application may be submitted for a period ending ten (10) days after the second publication (**February 8, 2016**).

If the application is protested, you will be sent a copy of each protest. All protests must be resolved before the application can be considered for approval. If the protest(s) cannot be resolved voluntarily, the Department will conduct a conference and/or hearing on the matter.

If the application is not protested, the Department will process your application and notify you of any action taken on the application. If your application is approved, the Department will send you a copy of the approval document.

Please contact this office if you have any questions regarding the application.

Sincerely,

Denise Maline
Denise Maline
Administrative Assistant

cc:

MATTHEW W THOMPSON
1993 TAMARACK LOOP
TWIN FALLS, ID 83301

Maline, Denise

From: Maline, Denise
Sent: Wednesday, January 13, 2016 2:46 PM
To: Times News
Subject: LEGAL NOTICE
Attachments: Times News Cover Letter.docx; Times News Ad.doc

Attached please find (1) legal notice being submitted for publication on January 21st & 28th, 2016. Please feel free to contact me if you have any questions, or if you are not able to run the ad on the dates requested.

Please note – I will be out of the office on medical leave from January 15th until approximately the 25th; therefore I will not be able to proof-read the legal notice prior to publication. I will trust that it will be published correctly.

Thank you in advance,

Denise Maline
Administrative Assistant
Idaho Dept of Water Resources, Southern Region
650 Addison Ave W, Ste 500
Twin Falls, ID 83301
(208) 736-3033
denise.maline@idwr.idaho.gov



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region • 650 Addison Ave W, Suite 500 • Twin Falls, Idaho 83301-5858

Phone: (208) 736-3033 • Fax: (208) 736-3037 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

January 13, 2016

LEGAL NOTICE DEPARTMENT

TIMES NEWS

PO BOX 548

TWIN FALLS, ID 83303-0548

RE: Transfer No. 79490

Water Right No(s): 45-14433, 45-14434, 45-14435

RE: Transfer No. 80562

Water Right No(s): 43-13741

RE: Transfer No. 80598

Water Right No(s): 45-14338, 45-14340, 45-14401, 45-14403

RE: Transfer No. 80620

Water Right No(s): 45-256B, 45-284A, 45-286A

Dear Legal Notice Department:

Please publish the enclosed legal notice on the dates indicated (once a week for two consecutive weekly issues). If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Please send the affidavit and bill to this office before February 8, 2016. Your cooperation is appreciated.

Sincerely,

Denise Maline
Administrative Assistant

Enclosure(s)

**NOTICE OF PROPOSED CHANGE OF WATER RIGHT
TRANSFER NO. 79490**

DAVID MARK HOBSON, 24 S 700 W, BURLEY, ID 83318; has filed Application No. 79490 for changes to the following water rights within CASSIA County(s): Right No(s). 45-14433, 45-14434, 45-14435. The purpose of the transfer is to change a portion of the above rights as follows: Application proposes creating a 156.4 acre permissible place of use and adding a second point of diversion to three ground water rights. The transfer allows for the irrigation of 84.5 acres within the permissible place of use located approximately 6.0 to 6.5 mi. west and 1.3 to 1.8 mi. south of the intersection of Main and Overland in Burley. The transfer is adding an existing well on a neighboring farm located approximately 5.5 mi west and 1.25 mi south of the intersection of Main and Overland in Burley. The three water rights will allow for the diversion of up to 0.8 cfs from the two existing points of diversion.

**NOTICE OF PROPOSED CHANGE OF WATER RIGHT
TRANSFER NO. 80562**

EVARD LLC, 872 E PEBBLE DR, BURLEY, ID 83318; has filed Application No. 80562 for changes to the following water rights within CASSIA County(s): Right No(s). 43-13741. The purpose of the transfer is to change a portion of the above rights as follows: Transfer proposes converting a 49 acre portion of an irrigation groundwater right to commercial and stockwater uses associated with a new dairy facility. The new dairy is being constructed on a farm located approximately 2.9 to 5.1 miles north and 21.1 to 23.0 east of the City of Declo. Six existing wells (one primary and five back up) will divert up to 0.58 cfs and 107.4 AF for the new dairy operation.

**NOTICE OF PROPOSED CHANGE OF WATER RIGHT
TRANSFER NO. 80598**

ALLAN WARD, 2844 ROCKY RD, BURLEY, ID 83318; has filed Application No. 80598 for changes to the following water rights within CASSIA County(s): Right No(s). 45-14338, 45-14340, 45-14401, 45-14403. The purpose of the transfer is to change a portion of the above rights as follows: Application proposes converting a 0.51 cfs portion of two groundwater irrigation rights to stockwater and commercial uses associated with a proposed beef abattoir (slaughterhouse). The two rights currently authorize the irrigation of 64.6 acres on a farm located approximately 7.65 to 7.9 miles south and 5.5 to 6.0 miles west of the center of Burley. The proposed abattoir will be located on the farm and the transferred portions of the two groundwater rights will be diverted from a new well to be drilled at the farm site to provide water for the facility.

**NOTICE OF PROPOSED CHANGE OF WATER RIGHT
TRANSFER NO. 80620**

FRED HAWKER, 361 W 400 S, BURLEY, ID 83318; has filed Application No. 80620 for changes to the following water rights within CASSIA County(s): Right No(s). 45-256B, 45-284A, 45-286A. The purpose of the transfer is to change a portion of the above rights as follows: Transfer proposes adding a new point of diversion to three surface water rights that allow for the diversion of up to 5.77 cfs of water from Howell Creek. The new proposed point of diversion is located approximately 0.3 miles upstream from a currently authorized point of diversion on Howell Creek and will provide additional elevation for an existing irrigation gravity flow system. The new proposed point of diversion will be located approximately 3.5 miles south and 1.5 miles east of Albion.

For additional information concerning the property location, contact Southern Region office at (208) 736-3033; or to see a full description of these rights and/or the proposed transfers, please see www.idwr.idaho.gov/apps/wr/QueryNewTransfers/QueryNewTransfers.aspx. Protests may be submitted based on the criteria of Idaho Code Sec. 42-222. Any protest against the proposed change must be filed with the Department of Water Resources, Southern Region, 650 Addison Ave W, Ste 500, Twin Falls ID 83301 together with a protest fee of \$25.00 for each application on or before February 8, 2016. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Director
Published on January 21st & 28th, 2016

MEMORANDUM

Date: December 30, 2015

To: Transfer 80562

From: Jana Reeder

Re: Fee Memo

Transfer fee is based on flow rate of 0.58 cfs (\$500.00) and an additional \$250.00 for changing nature of use. from irrigation to commercial/stockwater. Total fee \$750.00.

Fee Memo
12/30/2015

Reeder, Jana

From: Matthew Thompson [matthewthompson1993@gmail.com]
Sent: Friday, December 04, 2015 4:15 PM
To: Reeder, Jana
Subject: Re: Evard Transfer 80562

I agree that is the right volume 5552 acft. Please make those changes.
Thank-you
Have a great weekend

On Dec 4, 2015 4:10 PM, "Reeder, Jana" <Jana.Reeder@idwr.idaho.gov> wrote:

Matt,

Upon further review, I found a few more issues with the application:

- Part 1 page 3 The map indicates the new place of use in the SE tract of section 5. The legal description only indicates the N ½ of the SE. If the map is correct you need to add the S ½ of the SE to the new POU.
- The acres the transfer are drying up are different on the Part 1 legal description and the map. (see attached)
- The leftover irrigation for the flow rate and volume will be 16.44 cfs and 5552 AF according to our calculations.

Sorry I did not catch this earlier.. I just need verification that these changes can be made to the application. Please review thoroughly and let me know if this is correct. Let me know if you have any questions. Otherwise send back an authorization for these changes.

Thanks and have a nice weekend,

Jana

RECEIVED

DEC 02 2015

DEPT OF WATER RESOURCES
SOUTHERN REGION



December 1, 2015

Water Resource Agent
Jana Reeder
1341 Fillmore Street, Suite 200
Twin Falls, ID 83301

Dear: Agent,

Attached is a revised water transfer for Evard LLC to transfer irrigation water to stock and commercial use for a new dairy farm. The property is T10S R28E N1/2SW1/4 section 5. There is one water right being affected as part of this transfer. The water right is 43-13741. Water Right 43-13741 has irrigation as part of this right. This transfer will convert a portion of the existing irrigation right to stock and commercial use.

The modified application proposes to dry up 45 acres of irrigation right #43-13741 to prevent enlargement. This would provide 0.58 cfs and 107.39 acft for the dairy operation. Initially we discussed on the phone to transfer in phases however upon further discussions with the owner we will transfer all the water in one phase as the development will happen as quickly as possible.

Attachment #7b shows the location of the acres that will be dried to accommodate the transfer. I included the area to be dried up and the location of the stock and commercial use on the map.

The acres required were determined using the Precipitation Deficit ET chart for Burley for grain. FSA report and tract map for the location in question are included in this packet. These items and the calculations for the dairy water requirements and transfer calculations are included in Attachment # 8a. The precipitation deficit for grain in burley is 668 mm or 2.19 ac-ft/acre.

These actions would result in the following rights:

43-13741	0.58 cfs	107.39 acft	Stock and Commercial water
43-13741	16.44 cfs	5641.6 acft	Irrigation

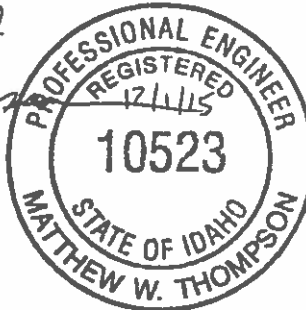
There are new points of diversion but no additional ones for this application. The farm has been applying for permits to develop new wells to re establish the water rights on the farm and I don't have all those records. There will be one existing point of diversion as the main source of the water for the dairy as identified on the supplied map.

Any questions or comments can be directed to myself at the numbers above.

Sincerely,

A handwritten signature in black ink, appearing to read 'Matthew W. Thompson'.

Matthew W Thompson, PE
Owner, AgTec



Attached:

Water transfer application Evard LLC