



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

April 15, 2015

Mid Valley Farm LLC
3640 North 1300 East
Buhl ID 83316

RESPONSE DEADLINE

4/30/2015

RE: Water Supply Bank Rental Fees for 2015 Rental Agreements

Dear Renter,

The following are 2015 water rentals from the Water Supply Bank for which rental payment is past due:

Rental	Start	End	Water Right	Rental Volume (AF)	Total Rental Fee	Owner Fee (90%)	Admin Fee (10%)	Rental Fee Due Date
1	2014	2016	47-16828	21	\$357.00	\$321.30	\$35.70	3/15/2015
			Total	21	\$357.00	\$321.30	\$35.70	3/15/2015

Our records indicate that 2015 fees for the above rentals have not been received. Payment of **\$357** was previously requested and is now past due. If payment for the above rentals is not received by the deadline above, these rental agreements will be subject to cancellation. If you have recently remitted payment for this rental, kindly disregard this letter.

If you have questions about your rental, you can contact the Water Supply Bank at 208-287-4918.

Regards,

Remington Buyer
Water Supply Bank Coordinator

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WATER SUPPLY BANK RENTAL AGREEMENT

RECEIVED

JUN 23 2014

DEPARTMENT OF
WATER RESOURCES

This is to certify that: **MID VALLEY FARMS LLC**
3640 NORTH 1300 EAST
BUHL ID 83316

filed an application to rent water from the Water Supply Bank ("Bank"). The Idaho Water Resource Board ("Board"), being authorized to operate a Bank and to contract by and through the Director of the Idaho Department of Water Resources ("Director, Department") for rental of water from the Bank, agrees to rent water as follows:

Summary of Water Rights or Portions Rented from the Bank

Water Right	Priority Date	Source	Tributary	Rented Rate	Annual Rented Volume	Acre Limit	Total Rented Acres
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47-16828	10/22/1964	Ground Water	NA	0.07 cfs	21.0 af	NA	NA
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Annual Combined Rental Totals

0.07 cfs 21.0 af NA NA

Term of Rental: March 7, 2014 to December 31, 2016

Rental Fee: \$357.00 annually

The fee for rental of the above-described water is \$357.00 per year. Ten percent (\$35.70) will go to the Department for administrative costs, and the remainder will be paid to the lessor(s). An annual payment shall be received by the Department prior to February 15 each year for the duration of the rental period. The agreement will be void if payment is not received prior to the due date in a given year. To terminate the agreement prior to the end of the rental period, written notice must be received by the Department at least 30 days prior to the rental fee due date. No rental fees will be refunded once the fee is collected and the start date for a Rental Agreement has passed.

Detailed water right conditions are attached.

The undersigned renter agrees to use the water rented under this agreement in accordance with the Water Supply Bank rules and in compliance with the limitations and conditions of use described in this agreement:

Mid-Valley Farms LLC
Steve Nunes Partner 6-17-14
Signature of Renter Printed Name and Title* Date

Signature of Renter Printed Name and Title* Date

*Please provide title of signatory if signing on behalf of a company or organization or with power of attorney

Having determined that this agreement satisfied the provisions of Idaho Code § 42-1763 and IDAPA 37.02.03.030 (Water Supply Bank Rule 30), for the rental and use of water under the terms and condition herein provided, and none other, I hereby execute this Rental Agreement on behalf of the Idaho Water Resource Board.

By *Brian Patton*
BRIAN PATTON, Acting Administrator
Idaho Water Resource Board

Date *June 23, 2014*

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WATER SUPPLY BANK RENTAL AGREEMENT

WATER USE DETAILS

LOCATION OF POINT(S) OF DIVERSION

GROUND WATER NW¼SW¼ Sec. 26 Twp 10S Rge 14E TWIN FALLS County

BENEFIAL USE

STOCKWATER
COMMERCIAL

SEASON OF USE

01/01 TO 12/31

RENTER'S PLACE OF USE: STOCKWATER/COMMERCIAL

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
10S	14E	26					X		X	X	X	X							

CONDITIONS APPLICABLE TO ALL RENTED WATER RIGHTS

1. The use of water under this agreement shall be subject to the provisions of Idaho Code § 42-1766.
2. Rental of the specified right from the bank does not, in itself, confirm the validity of the right or any elements of the water right, or improve the status of the right including the notion of resumption of use. It does not preclude the opportunity for review of the validity of this water right in any other department application process.
3. Use of water under this agreement does not constitute a dedication of the water to renter's place of use, and upon expiration of this agreement, the points of diversion and place of use of the water shall revert to those authorized under the water right and/or again be available to rent from the bank.
4. This rental does not grant any right-of-way or easement to use the diversion works or conveyance works of another party.
5. Use of water under this agreement shall not prejudice any action of the Department in its consideration of an application for transfer or permit filed by the applicant for this same use.
6. Renter agrees to comply with all applicable state and federal laws while using water under this agreement.
7. Renter agrees to hold the Board, the Director and the state of Idaho harmless from all liability on account of negligent acts of the renter while using water.
8. Renter acknowledges and agrees that the Director may terminate diversion of water if the Director determines there is not a sufficient water supply for the priority of the right or portion thereof being rented.
9. Failure of the renter to comply with the conditions of this agreement is cause for the Director to rescind approval of the rental agreement.
10. The water rented under this agreement is appurtenant to irrigation of 6.0 acres.
11. This rental agreement does not authorize the construction of a well.
12. Stockwater and commercial use is for a dairy.

STATE OF IDAHO
WATER RESOURCE BOARD

**APPLICATION TO RENT WATER
FROM THE WATER SUPPLY BANK**

RECEIVED
MAR 07 2014
DEPARTMENT OF
WATER RESOURCES

This application must be prepared in accordance with the minimum requirements listed to be acceptable for processing by the Department. Incomplete applications will be returned.

Name of Renter(s) Mid Valley Farm LLC

Mailing Address 3640 North 1300 East Buhl, Idaho 83316

Phone 208-308-5945

Email _____

A. DESCRIPTION OF WATER SOUGHT FOR RENT

1. <u>Maximum Flow Rate (cfs)</u>	Maximum Volume (ac-ft)	Nature of Use	Period of Use
<u>0.067</u>	<u>21.0</u>	<u>Stock/Commercial</u>	<u>1/01</u> to <u>12/31</u>
_____	_____	_____	_____ to _____
_____	_____	_____	_____ to _____
Total: <u>0.067</u>	<u>21.0</u>		

2. Source of water Ground Water tributary to _____

3. Point(s) of Diversion:

TWP	RGE	SEC	GOVT LOT	1/4	1/4	1/4	County
10S	14E	26		SW	NW	SW	Twin Falls

4. Lands to be irrigated or place of use:

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
10S	14E	26					X		X	X	X	X							

If the use is for irrigation, show total number of acres proposed through rental.

Total Acres _____

B. OWNERSHIP

1. Do you own the land at the proposed point of diversion?

Yes ☒ No ☐

If no, list owner, contact information, and attach a copy of the agreement or other written authority to use the proposed point of diversion. _____

2. Do you own the land at the proposed place of use?

Yes ☒ No ☐

If no, list owner, contact information, and attach a copy of the agreement or other written authority to use the proposed place of use. _____

C. MAP

Attach a map identifying the proposed point(s) of diversion, place(s) of use, and water diversion and distribution system details as described by this application in section A. Include legal description labels.

D. GENERAL INFORMATION

1. Please provide a description of the proposed diversion system.

Existing wells and delivery system.

2. Describe any other water rights diverted through the same point(s) of diversion or used for the same purpose(s) as described above.
47-7663F and 47-14200

3. Will the proposed place of use receive water from any other source?

Yes ☒ No ☐

If yes, describe. 47-7663F and 47-14200

4. If the proposed use is not for irrigation, please provide a detailed description of the proposed use and how you determined the amount of water required. Attach additional sheets if needed. 6.0 acres at 3.5 af/acre for 21.0 acre-feet will be rented. Alfalfa frequent cuttings have a consumptive use of 2.15 ft. The 6.0 acres will provide 12.9 acre-feet that can be rented as stock and commercial water.

5. Are there any other applications pending before the Department, such as an application for permit or transfer, for the same use(s) proposed by this rental?

Yes ☐ No ☒

If yes, describe.

6. Was this rental application submitted in response to a Notice of Violation or a pending Notice of Violation? Yes ☐ No ☒

If yes, describe.

E. RENTAL TERM

Do you wish to rent water from the Board's bank for more than one (1) year?

Yes ☒ No ☐

If yes, please specify the number of years desired through proposed rental. 2014, 2015, 2016

I hereby assert that 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.

If this application is approved, the applicant agrees to the following:

1. The use of water under this agreement shall be subject to the provisions of Section 42-1766, Idaho Code.
2. Renter shall comply with all applicable state and federal laws while using water under this agreement.
3. Renter shall hold the Board, the Director, and the state of Idaho harmless from all liability on account of negligent acts of the renter.
4. The Director may terminate diversion of water if the Director determines there is not a sufficient water supply for the priority of the right or portion thereof being rented.
5. Failure of the renter to comply with the conditions of this agreement is cause for the Director to rescind approval of the rental agreement.
6. Renter is not authorized to use water proposed by this application until the rental fees are paid in full and the renter receives an executed copy of the agreement signed by the Director.



Signature of Applicant

ELVIRA N CARDOSO

Printed Name and Title*

3-6-14

Date

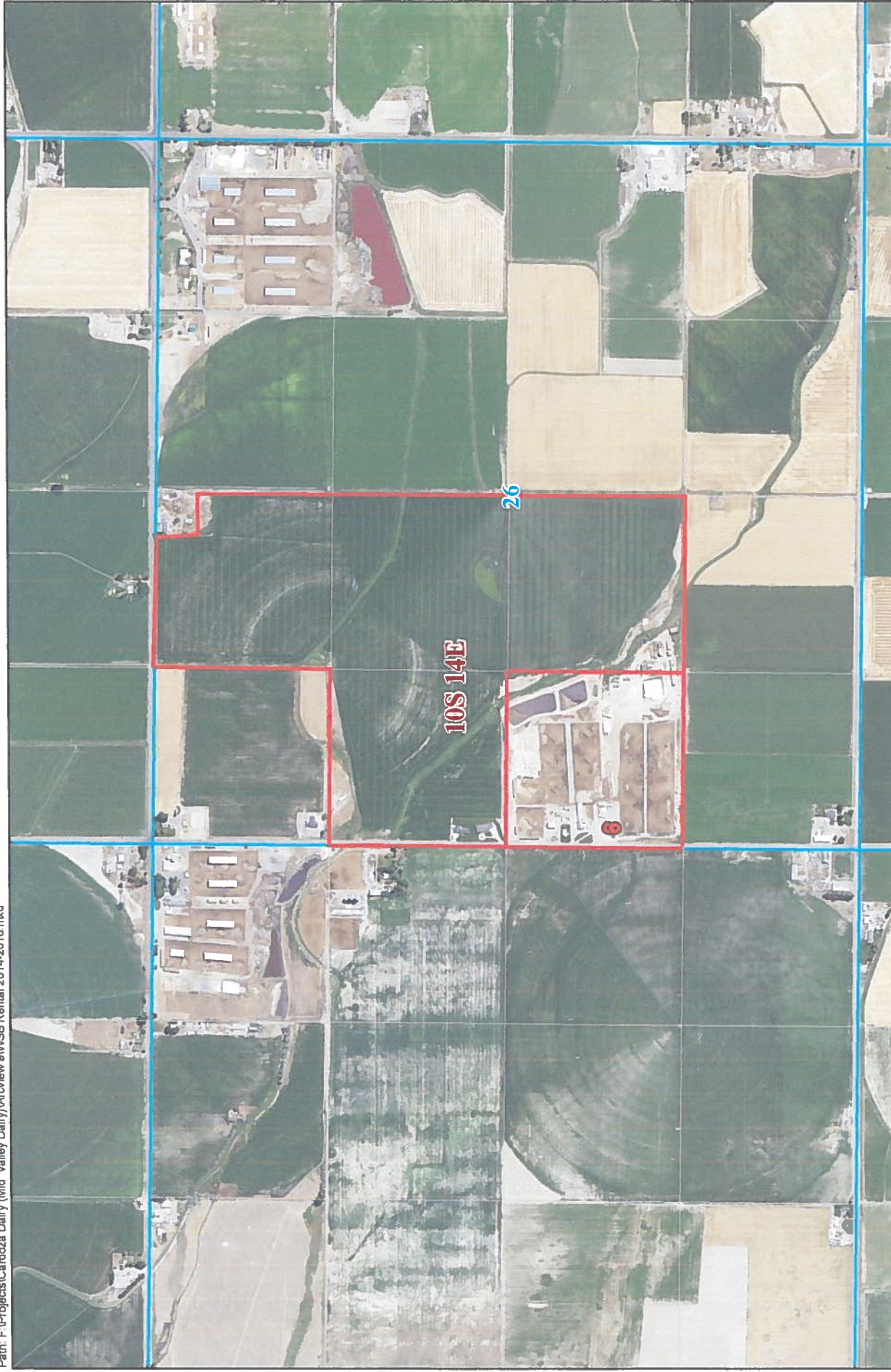
Signature of Applicant

Printed Name and Title*

Date

*Please provide title of signatory if signing on behalf of a company or organization or with power of attorney

Mail to: Idaho Department of Water Resources, P.O. Box 83720, Boise, ID 83720-0098



0 375 750 1,500 Feet

**MID VALEY FARM LLC.
WATER BANK RENTAL 2014-2016
NAIP 2013 AERIAL**



No. W 62988	Due no later than May 31, 2013		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	Annual Report Form		JOHN CARDOZO 3650 N 1300 E BUHL ID 83316
	1. Mailing Address: Correct in this box if needed. MID-VALLEY FARM, LLC EDIE NUNES 3650 N 1300 E BUHL ID 83316 USA		3. <u>New</u> Registered Agent Signature:*
4. Limited Liability Companies: Enter Names and Addresses of at least one Member or Manager.			
Office Held	Name	Street or PO Address	City State Country Postal Code
MEMBER	JOHN CARDOZO	3650 N 1300 E	BUHL ID USA 83316
MEMBER	ELVIRA CARDOZO	3650 N 1300 E	BUHL ID USA 83316
MEMBER	LUIS NUNES	3650 N 1300 E	BUHL ID USA 83316
MEMBER	STEVE NUNES	3650 N 1300 E	BUHL ID USA 83316
5. Organized Under the Laws of:		6. Annual Report must be signed.*	
ID W 62988		Signature: Edna Nunes	Date: 03/17/2013
		Name (type or print): Edna Nunes	Title: Cfo
Processed 03/17/2013		* Electronically provided signatures are accepted as original signatures.	

ET_{Idaho} 2012 -- Evapotranspiration and Consumptive Irrigation Water Requirements for Idaho

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

Three Creek (NWS -- 109119)

Statistics based on thirty year normal spans 1941 to 1981 years

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

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

Alfalfa - frequent cuttings														
Precipitation Deficit (Click here for a graph)														
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Growing Season ^a	Non Growing Season ^b
Mean ^j	mm/day												mm	
Monthly ^c	-0.07	-0.02	0.02	0.34	3.08	6.11	5.75	5.05	1.18	-0.02	-0.28	-0.38	656	-24
15-Day Moving Average ^d	-0.07	-0.03	0.04	0.28	3.06	6.09	5.39	5.28	1.17	-0.02	-0.30	-0.27		
7-Day Moving Average ^e	-0.04	-0.06	0.02	0.27	3.11	6.06	5.52	5.14	1.18	0.00	-0.28	-0.34		
3-Day Moving Average ^f	-0.05	-0.05	0.03	0.28	3.10	6.11	5.70	5.07	1.05	-0.01	-0.29	-0.34		
Standard Deviation ^k	mm/day												mm	
Monthly ^c	0.26	0.23	0.32	0.54	2.69	1.23	1.10	1.99	1.71	0.36	0.28	0.71	96	15
15-Day Moving Average ^d	0.39	0.41	0.37	0.83	2.37	1.81	1.45	2.44	1.98	0.37	0.57	0.69		
7-Day Moving Average ^e	0.72	0.68	0.67	1.15	2.70	2.45	2.07	3.08	2.19	0.76	1.09	1.06		
3-Day Moving Average ^f	1.19	1.05	1.13	1.74	3.22	3.12	2.51	3.37	2.42	1.35	1.64	1.50		
20% Exceedance ^l	mm/day												mm	
Monthly ^c	0.11	0.26	0.22	0.68	4.45	6.99	6.11	6.09	1.45	0.07	-0.01	-0.14	732	-18
15-Day Moving Average ^d	0.59	0.59	0.75	1.30	5.95	8.49	7.71	8.63	3.11	0.42	0.73	0.50		
7-Day Moving Average ^e	1.06	1.15	1.33	2.43	7.27	9.23	9.26	9.04	2.69	1.36	1.32	1.00		
3-Day Moving Average ^f	1.43	1.73	2.29	3.83	7.91	10.52	9.87	9.62	3.34	3.16	1.99	1.41		
80% Exceedance ^m	mm/day												mm	
Monthly ^c	-0.26	-0.17	-0.23	-0.09	0.86	4.90	5.17	4.11	0.00	-0.38	-0.62	-1.23	578	-40
15-Day Moving Average ^d	-0.71	-0.91	-0.78	-0.79	-0.46	3.12	3.21	1.36	-0.53	-0.96	-1.52	-1.82		
7-Day Moving Average ^e	-1.43	-1.58	-1.66	-1.67	-2.85	0.16	2.15	0.00	-1.42	-2.03	-3.00	-3.09		
3-Day Moving Average ^f	-3.32	-3.43	-3.86	-4.44	-6.58	-4.34	1.29	-0.34	-3.32	-4.59	-6.70	-5.40		
Ave Highest P _{def}	mm/day												--	
15-Day Moving Average ^g	0.39	0.37	0.42	1.01	4.57	7.70	7.23	7.46	1.96	0.44	0.43	0.34		
7-Day Moving Average ^h	1.06	0.92	1.07	1.92	5.89	8.81	8.55	8.29	3.33	0.98	1.04	0.88		
3-Day Moving Average ⁱ	1.53	1.44	1.94	3.15	6.82	9.66	9.48	8.93	4.47	2.06	1.86	1.32		
Ave Lowest P _{def}	mm/day												--	
15-Day Moving Average ^g	-0.51	-0.42	-0.43	-0.44	1.53	4.43	3.84	2.59	0.34	-0.52	-0.88	-0.83		
7-Day Moving Average ^h	-1.22	-1.00	-1.10	-1.29	0.07	2.75	2.52	1.10	-0.60	-1.22	-1.95	-1.80		
3-Day Moving Average ⁱ	-2.97	-2.21	-2.44	-3.05	-2.45	-0.22	1.83	0.40	-2.24	-2.97	-4.00	-3.75		
Special normal distribution parameters for monthly, seasonal, and annual intervals														
Skew ⁿ	-0.09	-0.64	0.00	1.10	-0.05	-0.67	-0.16	-0.63	2.03	0.05	-0.29	-0.33	-0.74	-0.09
Kurtosis ^o	0.54	3.76	0.62	3.52	0.68	3.25	1.06	1.76	6.56	1.09	1.95	0.73	3.65	3.64

^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

University of Idaho
A LEGACY OF LEADING
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ETIdaho web site powered by Debian, Apache, Firebird DBMS, Python, with matplotlib, and kinterbasdb.

Water Right No.	Rented Vol (AF)	Lessor Fee (90%)	Administrative Fee (10%)	Total Fee @ \$17 (2013-2017)	Rental Amounts	
					Rate (cfs)	Acres
47-16828	21	321.3	35.7	357.00	0.07	6 acres worth *
xx-xxxx	0	0	0	0.00	0.00	0.00
xx-xxxx	0	0	0	0.00	0.00	0.00
xx-xxxx	0	0	0	0.00	0.00	0.00
xx-xxxx	0	0	0	0.00	0.00	0.00
xx-xxxx	0	0	0	0.00	0.00	0.00
xx-xxxx	0	0	0	0.00	0.00	0.00
xx-xxxx	0	0	0	0.00	0.00	0.00
Total	21	321.3	35.7	357.00	0.07	0.00
						* refer to NOU conversion spreadsheet



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

February 20, 2015

Mid Valley Farm LLC
3640 North 1300 East
Buhl ID 83316

RESPONSE DEADLINE
3/15/2015

RE: Water Supply Bank Rental Fees for 2015 Rental Agreements

Dear Renter,

The following are your 2015 water rentals from the Water Supply Bank:

Rental	Start	End	Water Right	Rental Volume (AF)	Total Rental Fee	Owner Fee (90%)	Admin Fee (10%)	Rental Fee Due Date
1	2014	2016	47-16828	21	\$357.00	\$321.30	\$35.70	3/15/2015
Total				21	\$357.00	\$321.30	\$35.70	3/15/2015

Please remit payment of **\$357** prior to the due dates above and enclose a copy of this letter with your payment.

If you have questions about your rental, you can contact the Water Supply Bank at 208-287-4800.

Regards,

Christine Field
Water Supply Bank Records Specialist



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700 • Web Site: www.idwr.idaho.gov

GARY SPACKMAN
Director

C.L. "BUTCH" OTTER
Governor

June 23, 2014

MID VALLEY FARMS LLC
3640 NORTH 1300 EAST
BUHL ID 83316

**RE: RENTAL OF WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 47-16828**

Dear Renter:

Please find enclosed a receipt in the amount of **\$357.00** and a copy of a fully executed Water Supply Bank Rental Agreement in connection with the rental of 21.0 acre-feet of water for commercial use during 2014. Upon receipt of this fully executed agreement, you are authorized to divert water in compliance with the conditions of water use described in the agreement.

Pursuant to the Water Supply Bank Rules, 90% or \$321.30 of the rental fee will be paid to the lessor(s) and 10% or \$35.70 will be retained by the Department to offset administrative costs.

If you have any questions, please contact me at (208) 287-4944.

Sincerely,

Cherie Palmer
Senior Water Resource Agent
WSB Process Point of Contact

Enclosure(s): Receipt No. C099049
Rental Agreement (copy)

c: Sascha Marston – Fiscal
Allen Merritt – IDWR Southern Regional Manager
Greg Sullivan – Brockway Engineering



BROCKWAY
ENGINEERING
P.L.L.C.

Hydraulics

Hydrology

Water Resources

RECEIVED

JUN 23 2014

DEPARTMENT OF
WATER RESOURCES

June 20, 2014

Michele Edl
Idaho Water Supply Bank
Idaho Department of Water Resources
P.O. Box 83720
Boise, ID 83720-0098

Re: Mid Valley Farms

Dear Mrs. Edl:

Mid Valley Farm LLC has signed the contract to rent 21.0 acre feet of 47-16828. Attached is the contract and a check for \$357.00 for the rental payment.

Please process the contract in a timely manner.

Sincerely,

Greg Sullivan, M.S., Engineer

Cc: Mid Valley Farm, Rob Williams, Kevin Shurtleff
Enc: Rental Contract, Mid Valley Dairy LLC Check #877 for \$357.00

CHARLES E.
BROCKWAY,
PH.D., P.E.

CHARLES G.
BROCKWAY,
PH.D., P.E.

2016 NORTH
WASHINGTON
STREET • SUITE 4

TWIN FALLS,
IDAHO 83301

208•736•8543

FAX: 736•8506



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

June 9, 2014

MID VALLEY FARMS LLC
3640 NORTH 1300 EAST
BUHL ID 83316

**RE: APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 47-16828**

*****TIME SENSITIVE RESPONSE REQUIRED*****

Dear Applicant:

The Department of Water Resources acknowledges receipt of your application to rent water from the Water Supply Bank. **I have enclosed a Water Supply Bank Rental Agreement for your review and signature.** Upon signature and return of the original agreement, together with the rental fee described below, the Department will also sign the original agreement and return an executed copy to you. Execution of the agreement and compliance with the conditions of approval authorize diversion and use of water as provided in the agreement.

A rental fee of \$357.00 was calculated based on the current rental rate of \$17.00 per acre-foot times a diversion volume of 21 acre-feet. An annual payment shall be received by the Department prior to the execution of this agreement and prior to March 7 in all subsequent years for the duration of the rental period. The agreement will be void if payment is not received prior to the due date in a given year. If you would like to terminate the agreement prior to the end of the rental period, you must submit written notice of your intent to the Department at least 30 days prior to the rental fee due date.

Please send a check for \$357.00 made payable to the Idaho Department of Water Resources, **together with the signed rental agreement, within 14 days** so I can complete processing.

If you have any questions, please contact me at (208) 287-4944.

Sincerely,

for Cherie Palmer
Senior Water Resource Agent
WSB Process Point of Contact

Enclosure(s)

c: IDWR Front Desk
Greg Sullivan-Brockway Engineering PLLC

Edl, Michele

From: Tesch, Craig
Sent: Monday, June 02, 2014 2:42 PM
To: Edl, Michele
Cc: Vincent, Sean
Subject: RE: Mid-Valley Farms WSB application

Hi Michele,

I reviewed several groundwater contour maps and two water resource reports (Fowler, 1960, and Crosthwaite, 1969) in an attempt to address your concerns. References are provided below this email.

In general, the direction of groundwater flow in the Salmon Falls Creek basin is to the north-northwest toward the Snake River. This is supported by various contour maps including Crosthwaite (1969), Campbell (1981), and Newton (1988). The proposed POD (Mid-Valley Farms) is 25 miles to the north of the current POD (47-16828). Groundwater flow at the proposed POD is northwest toward the Snake River. Groundwater flow direction is poorly characterized at the location of the current POD; however, water level elevations derived from several driller reports indicate a potential north-northeast gradient in the vicinity. Additionally, the current POD area is part of the upper drainage system of the Salmon Falls Creek basin (Crosthwaite, 1969).

Groundwater recharge in the basin is derived from direct precipitation; percolation from streams, reservoirs (primarily Salmon Falls Creek Reservoir), and canals (primarily High Line Canal); and percolation from excess applied irrigation water (Crosthwaite, 1969). The natural discharge of groundwater from the Salmon Falls Creek basin is into the Snake River, Rock Creek, and a small amount into Salmon Falls Creek (Crosthwaite, 1969). Discharge measurements in Fowler (1960) between the Salmon River Canal Co. dam and Roseworth crossing indicate that Salmon Falls Creek is a gaining stream. This agrees with the groundwater contours in Newton (1988).

Although geology and groundwater contour information is lacking at the location of the current POD, the aquifer appears to be within the same groundwater system as the proposed POD based on the following:

- 1) The current POD is located within the Swan Falls Creek watershed and is part of the upper drainage system of Swan Falls Creek basin. It is assumed that the groundwater in this watershed is all within the same aquifer system.
- 2) The current POD is in the recharge area of the Salmon Falls Creek basin watershed, while the proposed POD is in the discharge area of the same watershed. The geology in the area of the current POD is rhyolite, which appears to feed groundwater into basalts in the area of the proposed POD.
- 3) Groundwater at the proposed POD discharges to the Snake River. Groundwater at the current POD likely flows in a northerly direction and discharges to either Swan Falls Creek (a gaining stream) or the Snake River. Swan Falls Creek ultimately discharges to the Snake River.
- 4) Groundwater pumped at either the current or proposed POD location will reduce discharge equally to the Snake River, the final discharge point for the Swan Falls Creek basin. Although the current and proposed PODs are on opposite sides of Salmon Falls Creek, and evidence exists for faulting in the area, there is not enough available data to conclude the two PODs would be in different aquifer systems.

Hope this is helpful, please let me know if you have any questions.

Thanks,

Craig Tesch, P.G.

Technical Hydrogeologist
Idaho Dept of Water Resources
Ph: (208) 287-4970

References

Crosthwaite, E. G., 1969, Water resources of the Salmon Falls Creek basin, Idaho-Nevada: U.S. Government Printing Office Water Supply Paper 1879-D, iv, 33 p.

Fowler, Kenneth H., 1960, Preliminary report on ground water in the Salmon Falls area, Twin Falls County, Idaho: U.S. Geological Survey Circular 436, Document: iii, 17 p.; 1 Map: 14.22 x 15.24 inches.

Graham, William G.; Campbell, Linford J. 1981. Groundwater Resources of Idaho. Idaho Department of Water Resources.

Lindholm, G.F., Garabedian, S.P., Newton, G.D., and Whitehead, R.L., 1988 [1987], Configuration of the water table and depth to water, spring 1980, water-level fluctuations, and water movement in the Snake River Plain regional aquifer system, Idaho and eastern Oregon: U.S. Geological Survey Hydrologic Investigations Atlas HA-703, scale 1:500,000.

From: Vincent, Sean
Sent: Thursday, May 29, 2014 10:05 AM
To: Edl, Michele
Cc: Tesch, Craig
Subject: RE: Mid-Valley Farms WSB application

Will do Michele. If I understand correctly, you primarily want an answer to Allen's question. Please let me know if otherwise.

Sean

From: Edl, Michele
Sent: Thursday, May 29, 2014 8:43 AM
To: Vincent, Sean
Subject: FW: Mid-Valley Farms WSB application

Sean,

As you can see by this email chain, Allen Merritt would like a Hydrologist opinion on this Water Supply Bank rental application. His request seems to be an abundance of caution but I don't know the back story.

If possible, could you expedite this request?

Water supply bank processing is highest priority for our section but I recognize it is not so for your section. None of us water rights folk have access to the ground water flow pattern in the area, so we are at your mercy.

Thank you.

Michele

From: Merritt, Allen
Sent: Wednesday, May 28, 2014 2:29 PM
To: Edl, Michele
Subject: RE: Mid-Valley Farms WSB application

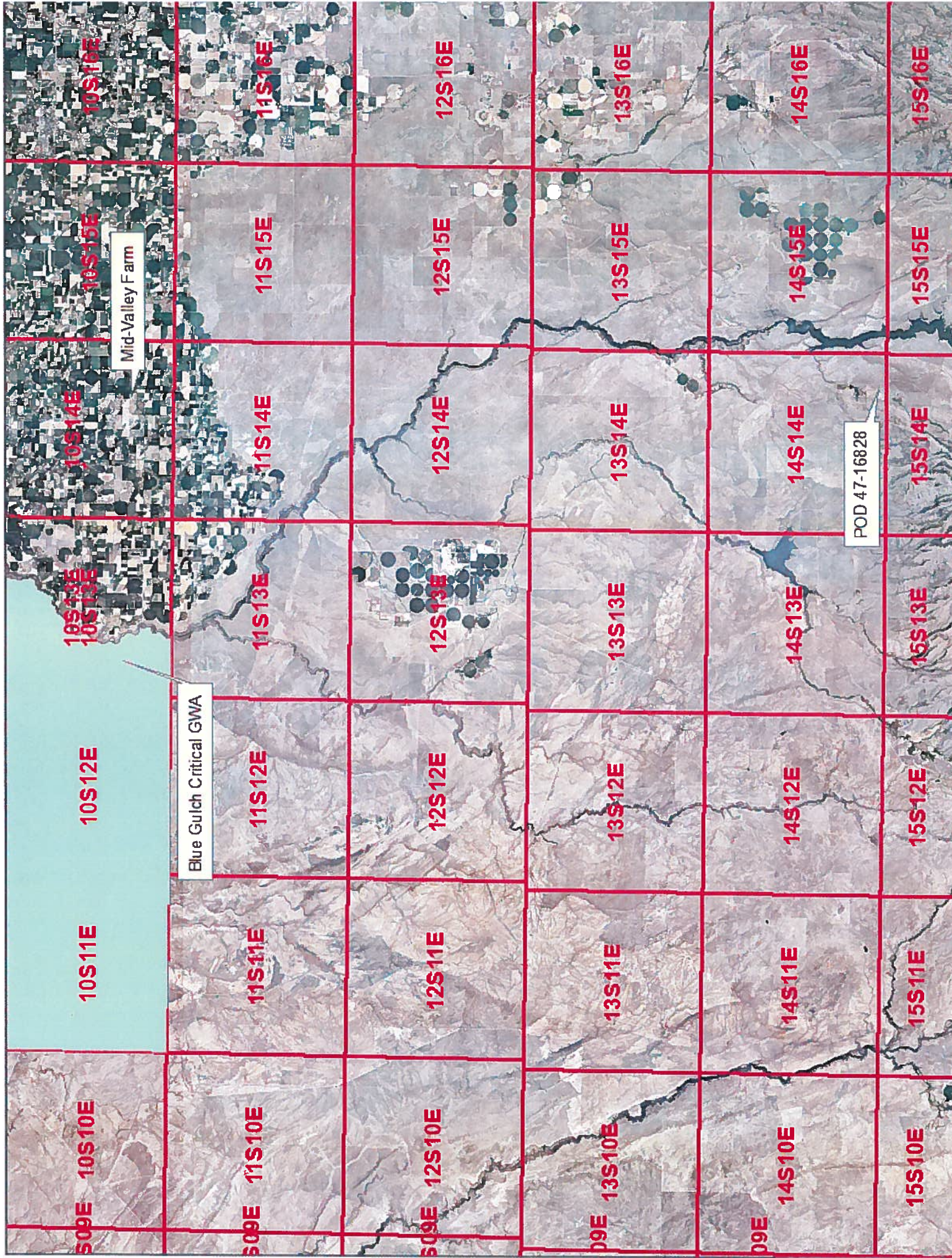
My only question might be that the aquifer on one side of Salmon Falls Creek may not be connected to the aquifer on the other side of Salmon Falls Creek. My guess would be that they are somewhat related but not sure. Might need to check with Hydrology.

From: Edl, Michele
Sent: Wednesday, May 28, 2014 11:16 AM
To: Merritt, Allen
Subject: Mid-Valley Farms WSB application

I have completed my review of a WSB rental application submitted by the Greg Sullivan for Mid Valley Farm. They are proposing to rent a portion of irrigation WR 47-16828 and change the NOU to commercial/stock for the dairy. The source is a well on Antelope Springs Ranch. The destination is a well on Mid-Valley Farm.

I have attached, my review memo and a map showing the relationship between the POU's and the BGCGWA.

Please consider this email as a request for your comment and let me know if you have any feed back or concerns about this application



Confirmation of consumptive use math					
ET Idaho station		Three Creek #109119			
covert factor mm to ft		0.003281			
chart value for alfafa (mm)		656	mm for the growing season		
consumptive use (ft/yr)		2.152205	=0.003281*656		
requested vol (af/yr)		21	ac-ft rental		
headgate at source location		3.5			
rental acres		6	=21/3.5		
consumptive use vol (af/yr)		12.91323	=2.15*6		
total lease rate (cfs)		1.39			
total leased acres		125			
leased cfs/ac		0.01112	=1.39/125		
requested rate (cfs)		0.067	=0.01112*6		

MEMORANDUM

To: Right(s) 47-16828

From: Michele Edl

Date: May 28, 2014

Re: Review & Analysis of Mid-Valley Farm's Application to Rent Water from the State Water Supply Bank

PURPOSE/NARRATIVE: On March 7, 2014, Greg Sullivan of Brockway Engineering submitted an application to rent water from the State Water Supply Bank on behalf of Mid-Valley Farm. The application proposes to rent water for a dairy located in Twp 10S Rge 14E sec 26 for 2014-2016.

The additional water will be used to cover the dairy operation. The applicant is negotiating the purchase of a permanent water right to cover expanded use.

The proposed points-of-diversion are 2 existing wells utilized by the applicant's current system. They divert water rights 47-7663F and 47-14200.

AUTHORITY TO FILE: According to available Twin Falls County taxlot information, Mid-Valley Farm LLC owns the proposed place-of-use. Elvira Cardozo, a member of Mid-Valley Farm LLC, signed the application.

WATER RIGHT VALIDITY: 47-16828 is leased to the State Water Supply Bank. It is available to rent through December 31, 2016.

A review of aerial photography shows that the water right appears to have been idled at the authorized place-of-use.

INJURY TO OTHER WATER RIGHTS: No injury is apparent.

ENLARGEMENT OF USE: No enlargement is evident through the rental.

The leased right, 47-16828, is for irrigation use. The applicant requests water for use in a dairy which required calculations of a change in nature of use. (See the attached spreadsheet and ETIdaho table)

LOCAL PUBLIC INTEREST: Review staff has no information to suggest this application is inconsistent with the local public interest.

BENEFICIAL USE/CONSERVATION OF WATER RESOURCES: The rental appears consistent with the conservation of water resources in Idaho.

DEPARTMENT STAFF OR WATERMASTER COMMENTS: Based on a map of the area I determined that the POU for the leased right is outside both the ESPA boundary and the Blue Gulch Critical Ground Water Area.

The reviewer of the lease application for 47-16828, recommended consultation with Hydrology section before renting the right. Southern Region requested the opinion of the Hydrology Section related to the source of the groundwater at the lease and rental locations.

The Hydrology opinion was provided and is attached to this memo. In brief, the POD at the lease location and the POD at the rental location likely tap the same aquifer. The consultant provided the POU shape file.



BROCKWAY
ENGINEERING
P.L.L.C.

Hydraulics

Hydrology

Water Resources

RECEIVED
MAR 07 2014
DEPARTMENT OF
WATER RESOURCES

March 6, 2014

Pam Skaggs
Idaho Water Supply Bank
Idaho Department of Water Resources
P.O. Box 83720
Boise, ID 83720-0098

Re: Mid Valley Farms

Dear Mrs. Skaggs:

Mid Valley Farm LLC desires to rent 21.0 acre feet of 47-16828. Water right 47-16828 is an irrigation water right and is owned by Antelope Springs Ranch which has been leased into the Idaho Water Supply Bank until December 31, 2016.

Mid Valley Farm LLC owns a dairy facility South of Buhl, Idaho and needs additional stock and commercial water for the facility. Water right 47-16828 is allocated 3.5 acre feet per acre. Based on a 2.15 foot per acre consumptive use values for frequent cuttings of alfalfa in the Three Forks area, a total of 12.9 acre feet annually can be utilized at the Mid Valley Farm LLC dairy.

The proposed rental is expected to be for 2014, 2015 and 2016. The dairy facility has two existing well and piping for stock and commercial water. Mid Valley Farm LLC is currently looking for permanent water to transfer to the dairy.

CHARLES E.
BROCKWAY,
PH.D., P.E.

CHARLES G.
BROCKWAY,
PH.D., P.E.

2016 NORTH
WASHINGTON
STREET • SUITE 4

TWIN FALLS,
IDAHO 83301

208•736•8543

FAX: 736•8506

Please copy our office on all correspondence regarding this application.
Thank you for your assistance and if you have questions or comments, please give me a call.

Sincerely,

Greg Sullivan, M.S., Engineer

Cc: Mid Valley Farm, Rob Williams, Kevin Shurtleff
Enc: Aerial Map, Annual Report, Rental Application