

RECEIVED

JUL 20 2012

DEPT. OF WATER RESOURCES
SOUTHERN REGIONSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of IdahoIdent. No. 45-14421APP 780541. Name of applicant(s) CHAD MANDERSCHIED Phone 208-673-6474
Name connector (check one): ☐ and ☐ or ☐ and/orMailing address: 424 WEST MARKET STREET City ALBIONState ID Zip 83311 Email: MANDERCHAD@SAFELINK.NET2. Source of water supply GROUNDWATER which is a tributary of _____

3. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	¼	¼	¼	County	Source	Local name or tag #
12S	25E	6			NE	NW	CASSIA	GROUNDWATER	

4. Water will be used for the following purposes:

Amount 0.1 CFS for HEATING/COOLING purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per year)Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)5. Total quantity to be appropriated is (a) 0.1 cubic feet per second (cfs) and/or (b) _____ acre-feet per year (af).

6. Proposed diverting works:

a. Describe type and size of devices used to divert water from the source. _____

b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in item 11.

For dams 10 feet or more in height OR reservoirs with a total storage capacity of 50 acre-feet or more, submit a separate Application for Construction or Enlargement of a New or Existing Dam. Application required? ☐ Yes ☐ Noc. Proposed well diameter is 6 inches; proposed depth of well is 200 feet.d. Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☒ No

e. If well is already drilled, when? _____; drilling firm _____;

Well was drilled for (well owner) _____; Drilling Permit No. _____.

7. Description of proposed uses (if irrigation only, go to item 8):

a. Hydropower; show total feet of head and proposed capacity in kW. _____

b. Stockwatering; list number and kind of livestock. _____

c. Municipal; show name of municipality or the applicant's qualifications as a municipal provider. _____

d. Domestic; show number of households _____

e. Other; describe fully. GROUNDWATER USED TO HEAT AND COOL BUILDING THROUGH HEAT EXCHANGER

8. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
12S	25E	6					H/C												

Total number of acres to be irrigated: _____

9. Describe any other water rights used for the same purposes as described above. Include water delivered by a municipality, canal company, or irrigation district. If this application is for domestic purposes, do you intend to use this water, water from another source, or both, to irrigate your lawn, garden, and/or landscaping? _____

10. a. Who owns the property at the point of diversion? CHAD AND SUSAN MANDERSHCEID
- b. Who owns the land to be irrigated or place of use? CHAD AND SUSAN MANDERSHCEID
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: _____

11. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. WATER USE WILL BE NON-CONSUMPTIVE, THE WATER WILL BE USED FOR THE HEATING AND COOLING OF AN ANTIQUE BUILDING AND RETURNED TO THE GROUNDWATER VIA AN INJECTION WELL.

12. Time required for completion of works and application of water to proposed beneficial use is 1 years (minimum 1 year).
13. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½" x 11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.

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.

Chad Manderscheid
Signature of Applicant

Chad MANDERSCHIED
Print Name (and title, if applicable)

Signature of Applicant

Print Name (and title, if applicable)

For Department Use:

Received by N. ERECKSON Date 7/20/12 Time 5:00 Preliminary check by N. ERECKSON

Fee \$ 100.00 Received by N. ERECKSON Receipt No. 5032696 Date 7/23/12



45-14421

MP

Miami Heat Pump
20233 N.E. 15th Court Miami FL 33179
Phone (866)407-8535 - Fax (866)406-6603
Website: www.miamihp.com - Email: customerservice@miamihp.com

45-14421

TECHNICAL SPECIFICATIONS

Unit Performance									
UNIT MODEL	WLHP Evap. Cooling Capacity BTU/HR	GWHP Evap. Cooling Capacity BTU/HR	GLHP Evap. Cooling Capacity BTU/HR	Face Velocity	Coil Entering Air Temp. DBWB-°F	WLHP Heating Cap. BTU/HR (heat pump only)	GWHP Heating Cap. BTU/HR (heat pump only)	GLHP Heating Cap. BTU/HR (heat pump only)	Air Flow Rate CFM
HPXD24	25,500	27,500	25,500	222	80.6°	27,500	20,500	16,500	800
HPXD31	31,000	39,000	31,300	277	80.6°	36,000	27,000	20,000	1,000
HPXD36	36,000	40,000	36,500	332	80.6°	40,000	32,000	26,000	1,200
HPXD41	41,000	47,000	44,000	368	80.6°	47,000	37,500	26,500	1,400
HPXD48	51,000	57,000	53,300	261	80.6°	58,000	50,000	39,000	1,600
HPXD60	60,000	68,000	63,000	334	80.6°	70,000	58,000	45,000	1,900

3 X

General

UNIT MODEL	VOLTAGE	WLHP EER	GWHP EER	GLHP EER	WLHP C.O.P	GWHP C.O.P	GLHP C.O.P	Min. Circuit (AMP)	Breaker Size (AMP)
HPXD24	230/160	17.0	27.6	19.7	5.0	4.2	3.6	19	30
HPXD31	230/160	16.0	26.0	17.6	4.8	4.1	3.6	22	35
HPXD36	230/160	16.0	23.5	17.9	4.6	4.2	3.6	27	40
HPXD41	230/160	16.0	21.4	17.2	4.8	4.1	3.6	29	45
HPXD48	230/160	18.0	27.0	20.0	5.0	4.3	3.6	36	50
HPXD60	230/160	18.0	22.0	17.2	4.5	4.1	3.6	39	60

Blower

UNIT MODEL	Blower Size & Qty			Evap. Fan Motor HP & QTY			FLA
HPXD24	10" x 7"	X	1	1/3	X	1	2.8 A
HPXD31	10" x 7"	X	1	1/3	X	1	2.8 A
HPXD36	10" x 7"	X	1	3/4	X	1	6.0 A
HPXD41	10" x 7"	X	1	3/4	1	1	6.0 A
HPXD48	10" x 10"	X	1	3/4	X	1	6.0 A
HPXD60	10" x 10"	X	1	3/4	X	1	6.0 A

3 X 15.0 = 45.0

Condenser			
UNIT MODEL	Water Flow Rate GPM	Entering Water Temp - °F	Water Press. Drop - FT H2O
HPXD24	5.0	86.0°	11.4
HPXD31	7.5	86.0°	17.1
HPXD36	9.0	86.0°	11.7
HPXD41	10.5	86.0°	15.5
HPXD48	12.0	86.0°	2.0
HPXD60	15.0	86.0°	4.5

Compressor			
UNIT MODEL	Number of Circuit	Cap. Steps	Compressor Type & Qty
HPXD24	1	1	Scroll X 1
HPXD31	1	1	Scroll X 1
HPXD36	1	1	Scroll X 1
HPXD41	1	1	Scroll X 1
HPXD48	1	1	Scroll X 1
HPXD60	1	1	Scroll X 1

Size			
UNIT MODEL	Weight	Water Conn. Size	Drain Conn. Size
HPXD24	210	3/4	3/4
HPXD31	210	3/4	3/4
HPXD36	220	3/4	3/4
HPXD41	220	3/4	3/4
HPXD48	320	1	3/4
HPXD60	330	1	3/4

Dimension Vertical		Dimension Horizontal	
21.5" X 21.5" X 39"	3/4	21.50" X 33.50" X 20.75"	
21.5" X 21.5" X 39"	3/4	21.50" X 33.50" X 20.75"	
21.5" X 21.5" X 39"	3/4	21.50" X 33.50" X 20.75"	
21.5" X 21.5" X 39"	3/4	21.50" X 33.50" X 20.75"	
26" X 24 X 43"	3/4	25" X 45.50" X 20.75"	
26" X 24 X 43"	3/4	25" X 45.50" X 20.75"	



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 1341 Fillmore Street, Suite 200 • Twin Falls, Idaho 83301-3380

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

C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

July 27, 2012

CHAD MANDERSCHIED
424 WEST MARKET STREET
ALBION, ID 83311

RE: Application For Permit No. 45-14421

Dear Applicant(s):

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

A legal notice of the application has been prepared and is scheduled for publication in the **TIMES NEWS on 8/2/2012 and 8/9/2012**. Protests to this application may be submitted for a period ending ten (10) days after the second publication (**August 20, 2012**).

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 permit.

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

Sincerely,

Denise Maline
Administrative Assistant



State of Idaho

DEPARTMENT OF WATER RESOURCES

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C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

July 27, 2012

BRIAN HIGGS
WATER DISTRICT #140
355 W 500 S
BURLEY, ID 83318

RE: Application for Permit: 45-14421

Dear Mr. Higgs:

A copy of the above referenced application is enclosed. Please review the application, then complete the enclosed recommendation form and return it to this office within 21 days of the date of this letter.

If the application is approved, IDWR will include appropriate standard conditions of approval for a water right located within a water district, such as regulation by the watermaster, lockable controlling works, and/or measuring devices. Any special conditions or other concerns you have related to this application should be specifically addressed in your recommendation.

IDWR's regional offices can finish reviewing an unprotested application as soon as the protest period has past. Your prompt response to this request will ensure that your recommendation can be considered. If IDWR has not received your written recommendation within 21 days from the date of this letter, IDWR will presume that you do not oppose approval of the application and that you have no comments for IDWR to consider.

Sincerely,

Denise Maline
Administrative Assistant

Enclosure(s)

Maline, Denise

From: Maline, Denise
Sent: Friday, July 27, 2012 9:11 AM
To: Times News
Subject: LEGAL NOTICE
Attachments: Times News Cover Letter.docx; Times News Ad.docx

Attached please find (1) legal notice being submitted for publication on August 2nd & 9th, 2012. Please contact me if you have any questions, or if you are not able to run the ad on the dates requested.

Thank you in advance,

Denise Maline
Administrative Assistant
Idaho Dept of Water Resources
1341 Fillmore St, Ste 200
Twin Falls, ID 83301
(208) 736-3033
denise.maline@idwr.idaho.gov

July 27, 2012

LEGAL NOTICE DEPARTMENT

TIMES NEWS

PO BOX 548

TWIN FALLS, ID 83303-0548

RE: Application For Permit No.(s): 45-14421

RE: Transfer No. 78050

Water Right No(s): 36-16396

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 August 20, 2012. Your cooperation is appreciated.

Sincerely,

Denise Maline

Administrative Assistant

Enclosure(s)

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

45-14421

CHAD MANDERSCHIED

424 WEST MARKET STREET

ALBION, ID 83311

Point of Diversion NENW S6 T12S R25E CASSIA County Source GROUNDWATER Tributary

Use: COOLING 01/01 to 12/31 0.1 CFS

Use: HEATING 01/01 to 12/31 0.1 CFS

Total Diversion: 0.1 CFS

Date Filed: 7/20/2012

Place Of Use: HEATING & COOLING

T12S R25E S6 NENW

Application for Permit 45-14421, filed in the name of Chad Manderscheid, seeks to appropriate 0.10 cfs of Groundwater for heating, and cooling. Heating and cooling uses will be returned to the aquifer through an injection well. The proposed place of use and point of diversion are located in the City of Albion at 424 West Market Street.

NOTICE OF PROPOSED CHANGE OF WATER RIGHT

TRANSFER NO. 78050

HORIZON ORGANIC DAIRY LLC, 2577 E 500 S, PAUL, ID 83347 has filed Application No. 78050 for changes to the following water rights within JEROME County(s): Right No(s). 36-16396. The purpose of the transfer is to change a portion of the above rights as follows: Transfer proposes drilling an additional well to increase water supply to meet the demands of an existing dairy facility currently authorized for the diversion of 0.75 cfs and 152.3 AF. The proposed new well is located approximately 9.0 miles north and 9.0 miles west of Burley.

Permits will be subject to all prior water rights. For additional information concerning the property location, contact Southern Region office at (208) 736-3033; or for a full description of the rights &/or proposed transfer, please see www.idwr.idaho.gov/apps/ExtSearch/WRFiling.asp. Protests may be submitted based on the criteria of Sec 42-222 and 42-203A, Idaho Code. Any protest against the approval of this application(s) must be filed with the Director, Dept. of Water Resources, Southern Region, 1341 Fillmore St, Suite 200, Twin Falls, ID 83301 together with a protest fee of \$25.00 for each application on or before August 20, 2012. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Director

Published on August 2nd & 9th, 2012