

RECEIVED

FORM 2016 Rev. 07/16

IDWR / NORTH

81283

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

RECEIVED

OCT 31 2016

Ident. No. 98-7975

- Name of applicant(s) HARLAN, TIM L and /or HARLAN, REBECCA M Phone 206-321-1111  
Name connector (check one): ☐ and ☐ or ☒ and/or  
Mailing address PO BOX B BONNERS FERRY ID 83805 Email Tim@HarlanMainTainFarms.com
- Name of representative, if any \_\_\_\_\_ Phone \_\_\_\_\_  
Mailing address \_\_\_\_\_ Email \_\_\_\_\_  
a. ☐ 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.  
b. ☐ 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.
- Source of water supply GROUNDWATER which is a tributary of \_\_\_\_\_

4. Location of point(s) of diversion:

| Twp | Rge | Sec | Govt Lot | 1/4 | 1/4 | 1/4 | County   | Source      | Local name or tag # |
|-----|-----|-----|----------|-----|-----|-----|----------|-------------|---------------------|
| 64N | 01E | 32  |          |     | NE  | SW  | BOUNDARY | GROUNDWATER | D0017281            |
| 64N | 01E | 32  |          | SE  | NE  | SW  | Boundary | Groundwater | D0072109            |

5. Water will be used for the following purposes:

Amount 0.04 for DOMESTIC purposes from 01-01 to 12-31 (both dates inclusive)  
(cfs or acre-feet per year)  
Amount 0.02 for STOCKWATER purposes from 01-01 to 12-31 (both dates inclusive)  
(cfs or acre-feet per year)  
Amount 0.02 for COMMERCIAL purposes from 01-01 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)

6. Total quantity to be appropriated is (a) 0.08 cubic feet per second (cfs) and/or (b) \_\_\_\_\_ acre-feet per year (af).

7. Proposed diverting works:

- Describe type and size of devices used to divert water from the source. Existing Well Completed  
5/2/2016 Well 2 Completed 9/27/2016
- 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 AND having a 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 ☐ No
- Proposed well diameter is \_\_\_\_\_ inches; proposed depth of well is \_\_\_\_\_ feet.
- Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☒ No
- If well is already drilled, when? 5/2/2016; drilling firm Mainline Water Wells; well was drilled for (well owner) Donnell Chapp; Drilling Permit No. D0017281  
D0072109 Completed 9/26/16 Wells 7.5 GPM

For Department Use

Received by db Date 8/19/16 Time \_\_\_\_\_ Preliminary check by \_\_\_\_\_  
Fee \$ 100.00 Received by db Receipt No. N032137 Date 8/19/16

8. Description of proposed uses (if irrigation only, go to item 9):

- a. Hydropower; show total feet of head and proposed capacity in kW. \_\_\_\_\_
- b. Stockwatering; list number and kind of livestock. ~~50 HEAD GOATS~~ 200 Goat head
- c. Municipal; must complete and attach the Municipal Water Right Application Checklist.
- d. Domestic; show number of households <sup>1</sup> \_\_\_\_\_
- e. Other; describe fully. COMMERCIAL DAIRY GOAT OPERATION milking & Cheese Making  
10/3/16

9. 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 |        |
| 64N | 01E | 32  |    |    |    |    |    |    |    |    | D  |    |    | D  |    |    |    |    |        |
| 64N | 01E | 32  |    |    |    |    |    |    |    |    | S  | S  | S  |    |    |    |    |    |        |
| 64N | 01E | 32  |    |    |    |    |    |    |    |    | X  | C  | C  |    |    |    |    |    |        |
|     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |        |
|     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |        |

Total number of acres to be irrigated: \_\_\_\_\_

10. 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? \_\_\_\_\_

11. a. Who owns the property at the point of diversion? APPLICANTS

b. Who owns the land to be irrigated or place of use? APPLICANTS

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: \_\_\_\_\_

12. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. We are Building a Goat Dairy producing Goat milk. Need to Water The Goats, Well Log Should say 64N instead of 61N

13. Time required for completion of works and application of water to proposed beneficial use is 1 years (minimum 1 year).

14. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½" x 11" map or maps clearly identifying the proposed point of diversion, place of use, section #, township & range. The map scale shall not be less than two (2) inches equal to one (1) mile.

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.

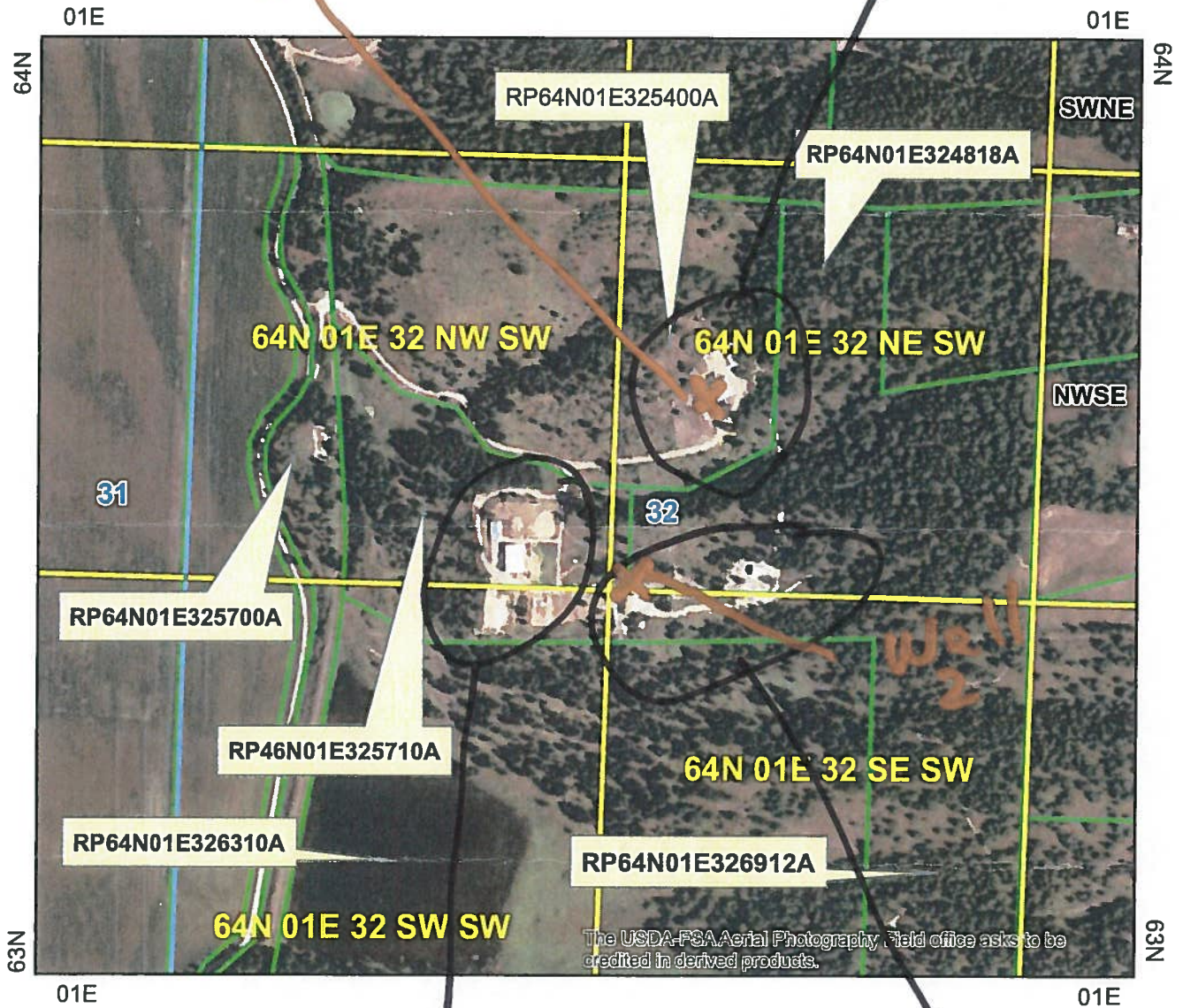
Signature of Applicant

Print Name (and title, if applicable)

Signature of Applicant

Print Name (and title, if applicable)

State of Idaho  
Department of Water Resources  
**Application For Permit**  
98-XXXXXX



PLS Sections  
Taxlots

Commercial  
Stock water  
10/31/16

Domestic  
Stock water  
10/31/16

ATTACHMENT

IDAHO DEPARTMENT OF WATER RESOURCES  
WELL DRILLER'S REPORTAn  
10/31/161. WELL TAG NO. D 000 72109

Drilling Permit No. \_\_\_\_\_

Water right or injection well # \_\_\_\_\_

2. OWNER: Tim HarlanName Tim HarlanAddress PO Box 13City Bones Ferry State Id Zip 83805

3. WELL LOCATION:

Twp. 64 North ☒ or South ☐ Rge. 01 East ☒ or West ☐Sec. 32 SE 1/4 NE 1/4 SW 1/4Gov't Lot \_\_\_\_\_ County BoundaryLat. 48 ° 51.066 (Deg. and Decimal minutes)Long. -116 ° 22.128 (Deg. and Decimal minutes)Address of Well Site 4655 Turner Hill Rd(Name of nearest town or village - Distance in miles or kilometers) City Bones Ferry

Lot \_\_\_\_\_ Blk. \_\_\_\_\_ Sub. Name \_\_\_\_\_

4. USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation ☐ Thermal ☐ Injection☐ Other \_\_\_\_\_

5. TYPE OF WORK:

☒ New well ☐ Replacement well ☐ Modify existing well☐ Abandonment ☐ Other \_\_\_\_\_

6. DRILL METHOD:

☒ Air Rotary ☐ Mud Rotary ☐ Cable ☐ Other \_\_\_\_\_

7. SEALING PROCEDURES:

Seal material From (ft) To (ft) Quantity (lbs or ft³) Placement method/procedure

Bentonite 0 38 19 Pour

8. CASING/LINER:

Diameter (inches) From (ft) To (ft) Gauge/Schedule Material Casing Liner Threaded Welded

6 0 240 .25 Steel ☒ ☐ ☐ ☐4 220 420 200 plastic ☐ ☒ ☐ ☒☐ ☐ ☐ ☐☐ ☐ ☐ ☐Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 240

9. PERFORATIONS/SCREENS:

Perforations ☒ Y ☐ N Method SPINManufactured screen ☐ Y ☒ N Type \_\_\_\_\_

Method of installation \_\_\_\_\_

From (ft) To (ft) Slot size Number/ft Diameter (nominal) Material Gauge or Schedule

Length of Headpipe \_\_\_\_\_ Length of Tailpipe \_\_\_\_\_

Packer ☐ Y ☒ N Type \_\_\_\_\_

10. FILTER PACK:

Filter Material From (ft) To (ft) Quantity (lbs or ft³) Placement method

11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) \_\_\_\_\_Describe control device Well cap

## 12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 300 Static water level (ft) 175Water temp. (°F) 45 Bottom hole temp. (°F) 45Describe access port Well cap

Well test:

Drawdown (feet) Discharge or yield (gpm) Test duration (minutes) Test method:

420 7.5 gpm 1 Hour Pump ☐ Better ☐ Air ☒ Flowing artesian ☐Water quality test or comments: good

## 13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in) From (ft) To (ft) Remarks, lithology or description of repairs or abandonment, water temp. Water Y N

10 0 38 Oil - none ☐ ☒6 0 200 Clay - Brown ☐ ☒6 200 220 Gravel, Clay, 5:14 ☒ ☐6 220 240 Soft Granite ☐ ☒6 240 400 Granite, cracks 7 gpm ☒ ☐1 400 420 Granite, cracks 7.5 gpm ☒ ☐



# ATTACHMENT

FILE NUMBER \_\_\_\_\_ 36-00000  
REVIEWER \_\_\_\_\_ MSP  
DATE \_\_\_\_\_ September 14, 2016

## DAIRIES: WATER USE WORKSHEET

### REQUIRED DAIRY DATA

NUMBER OF MILKING CATTLE 1600  
NUMBER OF DRY CATTLE 200  
NUMBER OF REPLACEMENT CATTLE: 0-2 MONTHS 33  
3-4 MONTHS 33  
5-8 MONTHS 33  
9-12 MONTHS 33  
13-15 MONTHS 33  
16-24 MONTHS 35

ENTER 1 FOR MANUAL COW WASHING, 2 FOR AUTOMATIC COW WASHING,  
OR 3 IF SPRINKLERS ARE USED TO FLUSH HOLDING PEN AND WASH COWS 3  
IF SPRINKLERS ARE USED: NUMBER OF SPRINKLERS IN HOLDING PEN 50  
NOZZLE DISCHARGE (USE 5.0 GPM IF UNKNOWN) 5.00  
TOTAL OPERATION TIME OF SPRINKLERS (MIN/DAY) 20

NUMBER OF MILKINGS PER DAY 2  
AVG. LBS. OF MILK PRODUCED PER DAY PER ANIMAL (IDAHO AVG IS 70 LBS.) 80  
ARE THERE SEPARATE PUMPS FOR COMMERCIAL AND STOCKWATER USES? N

IF SO: HOW MANY HOURS PER DAY DOES THE STOCKWATER PUMP RUN? 1  
HOW MANY HOURS PER DAY DOES THE COMMERCIAL PUMP RUN? 1  
IF ONLY ONE PUMP, HOW MANY TOTAL HOURS PER DAY DOES IT RUN? 120

IS A PLATE COOLER USED? Y

IS PLATE COOLER WATER LATER RECYCLED FOR OTHER USES? (IF NO PLATE

COOLER, LEAVE BLANK) N

ARE CORRAL MISTERS USED IN HOLDING PEN? Y

IF USING CORRAL MISTERS: NUMBER OF MISTERS (IF UNKNOWN,

ASSUME 1 MISTER FOR EVERY 5 COWS) 400

NOZZLE DISCHARGE (USE 5 GPM IF UNKNOWN) 5.00

SPRAY INTERVAL (EX - 2 MIN ON EVERY 5 MIN = 2/5) 2/5

OPERATION TIME OF MISTERS (HRS/DAY) 10

DAYS PER YEAR MISTERS ARE USED 45

ENTER A TOTAL VOLUME IN GPD FOR MISCELLANEOUS WATER USES NOT  
INDIVIDUALLY CALCULATED BELOW (EX. - RESTROOMS, WASHING MACHINES) 0

### CALCULATIONS

#### DIVERSION RATE (CFS):

STOCKWATER  
MILKING CATTLE (BASED ON MILK PRODUCTION) \*\*\*\*  
DRY CATTLE @17.0 GPD/HD \*\*\*\*  
REPLACEMENT CATTLE \*\*\*\*  
TOTAL 0.28

COMMERCIAL  
TOTAL 0.28

TOTAL DIVERSION RATE 0.28

#### DIVERSION VOLUME (AFA):

STOCKWATER  
MILKING CATTLE 59.1  
DRY CATTLE 3.0  
REPLACEMENT CATTLE 1.4  
TOTAL 63.5

COMMERCIAL  
WASHING OF BULK TANK AND RELATED EQUIPMENT 0.4  
BACKFLUSH 1.8  
PARLOR/MILKHOUSE/HOLDING PEN CLEANUP 2.0  
CATTLE WASHING BASED UPON METHOD OF WASHING 5.6  
PLATE COOLER 14.3  
CORRAL MISTERS 1.1  
MISCELLANEOUS USES 0.0  
TOTAL 25.3

TOTAL DIVERSION VOLUME 88.8

#### CONSUMPTIVE USE VOLUME (AFA)(assuming 100% consumptive):

STOCKWATER 63.5  
COMMERCIAL 25.3  
TOTAL CONSUMPTIVE USE 88.8

## THEORETICAL FLOW ESTIMATION WORKSHEET

### REQUIRED PUMP INFORMATION

PUMP 1 PUMP 2 PUMP 3 PUMP 4 PUMP 5  
PUMP HORSEPOWER (HP) 25.00 1.5 1.5 0.00 0.00 0.00  
PUMP EFFICIENCY (%) 70 70 70 70 70  
LIFT (FT) 230 0 0 0 0  
DISCHARGE PRESSURE (PSI) 40 0 0 0 0  
FRICTION LOSSES (FT) 3.0 0.0 0.0 0.0 0.0  
HOURS PER DAY PUMP OPERATES 24 1 0.0 0.0 0.0

### CALCULATIONS

THEORETICAL FLOW RATE (CFS) \* 0.47 0.00 0.00 0.00 0.00  
DIVERSION VOLUME (AFA) \*\* 171.3 0.0 0.0 0.0 0.0

\* IF PUMP EFFICIENCY IS UNKNOWN, 70% MAY BE ASSUMED.

\*\* DIVERSION VOLUME IS THE ABSOLUTE MAXIMUM VOLUME BASED ON THE  
THEORETICAL FLOW RATE ASSUMING PUMP RUNS EVERY DAY OF THE YEAR.

### EVALUATION OF EQUIVALENT IRRIGATED ACREAGE

#### IRRIGATION RIGHT (BEFORE CHANGE)

DIVERSION RATE 4.80 CFS  
ACRES OF IRRIGATION 240.0 ACRES  
DIVERSION VOLUME 4.0 AC-FT/AC  
CONSUMPTIVE USE VOLUME 3.0 AC-FT/AC  
IRRIGATION IS BEING CONVERTED FOR WHICH PORTION OF THE  
DAIRY OPERATION - STOCKWATER (S), COMMERCIAL (C), OR  
BOTH (B)? B

### CALCULATIONS

IRRIGATION DIVERSION RATE PER ACRE 0.020 CFS/AC  
REDUCTION OF IRRIGATION BASED ON DIVERSION RATE 14.0 ACRES  
REDUCTION OF IRRIGATION BASED ON DIVERSION VOLUME 22.2 ACRES  
REDUCTION OF IRRIGATION BASED ON CONSUMPTIVE USE 29.6 ACRES

## Ball, Dianne

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**From:** Ball, Dianne  
**Sent:** Thursday, November 10, 2016 2:08 PM  
**To:** Legal Notices BF Herald; Legal Notices BF Herald - Linda Johnson  
**Cc:** Case, Morgan; Frederick, Adam; Maxey, Shaun  
**Subject:** FW: Application for Permit No. 98-7974, 98-7975  
**Attachments:** LegalNotice 11-10-16 BFH e-mail 98-7974, 7975.doc

Oops – sent without finishing my e-mail. Re-sending,

Hi, Linda,

Please publish the attached legal notice on the dates indicated, November 17 and 24, 2016, (once a week for two consecutive weekly issues). If you cannot publish the notice on the proposed dates, please contact us immediately.

This should be very close to press ready – for 2-column, 8pt, Century Old Style font. Hopefully it will be close enough to just copy and paste, with very little modification required. Please note the area(s) under **USE** containing dates and water amounts that are offset and lined up. Our legal should appear in this format.

Please also send a proof/preview copy for my review before this actually goes to press.

If you have any questions, please contact me as early as possible.

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 12/5/2016. Your cooperation is always appreciated. It is a pleasure to be able to work with you.

Thanks for all your super help in preparing our legals.

*Dianne Ball*

Administrative Assistant  
Idaho Department of Water Resources  
7600 N Mineral Dr., Ste. 100  
Coeur d'Alene, ID 83815  
208-762-2800 Fax 208-762-2819

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

**98-7974**

HIGH POINT VENTURES OF PENSACOLA LLC

1907 HIGHWAY 1

BONNERS FERRY, ID 83805-5111

Point of Diversion NWNE S17 T64N R01E BOUNDARY CO

Source GROUND WATER

Use: FIRE PROTECTION Storage 01/01 to 12/31 2.6 AF

Use: IRRIGATION from Storage 04/01 to 10/31 6 AF

Use: IRRIGATION Storage 01/01 to 12/31 8.6 AF

Use: STOCKWATER from Storage 01/01 to 12/31 0.1 AF

Use: STOCKWATER Storage 01/01 to 12/31 2.7 AF

Total Diversion: 8.7 AF

Date Filed: 10/7/2016

Place of Use: IRRIGATION STORAGE T64N R01E S17 NWNE

Place of Use: IRRIGATION from STORAGE T64N R01E S17

NWNE NENW

Place of Use: STOCKWATER Storage T64N R01E S17 NWNE

Place of Use: STOCKWATER from Storage T64N R01E S17 NWNE

Place of Use: FIRE PROTECTION Storage T64N R01E S17 NWNE

Total Acres: 2

Stockwater use is for 10 head of mixed stock.

**98-7975**

TIM L HARLAN

REBECCA M HARLAN

PO BOX B

BONNERS FERRY, ID 83805

Points of Diversion(2) NESW S32 T64N R01E BOUNDARY CO

Source GROUND WATER

Use: COMMERCIAL 01/01 to 12/31 0.02 CFS

Use: DOMESTIC 01/01 to 12/31 0.04 CFS

Use: STOCKWATER 01/01 to 12/31 0.02 CFS

Total Diversion: 0.08 CFS

Date Filed: 8/19/2016

Place of Use: DOMESTIC T64N R01E S32 NESW SESW

Place of Use: STOCKWATER T64N R01E S32 NESW NWSW  
SWSW

Place of Use: COMMERCIAL T64N R01E S32 NWSW SWSW

Domestic use is for 1 home.

Stockwater use is for 200 head of goats.

Commercial use is for dairy goat operation.

Permits will be subject to all prior water rights. For additional information concerning the property location, contact Northern Region office at (208) 762-2800; or for a full description of the right(s), please see:

<http://www.idwr.idaho.gov/apps/ExtSearch/WRApplicationResults/>.

Protests may be submitted based on the criteria of Idaho Code § 42-203A. Any protest against the approval of this application must be filed with the Director, Dept. of Water Resources, Northern Region, 7600 Mineral Drive, Suite 100, Coeur D' Alene ID 83815 together with a protest fee of \$25.00 for each application on or before 12/5/2016. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Director

Published on 11/17/2016 and 11/24/2016



**State of Idaho**

**DEPARTMENT OF WATER RESOURCES**

Northern Region, 7600 Mineral Drive, Suite 100, Coeur d'Alene, Idaho 83815

Phone: (208) 762-2800 FAX: (208) 762-2819 [www.idwr.idaho.gov](http://www.idwr.idaho.gov)

C.L. "BUTCH" OTTER  
Governor

GARY SPACKMAN  
Director

November 10, 2016

TIM L HARLAN  
REBECCA M HARLAN  
PO BOX B  
BONNERS FERRY, ID 83805

Application For Permit No. 98-7975

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 BONNERS FERRY HERALD on 11/17/2016 and 11/24/2016. Protests to this application may be submitted for a period ending ten (10) days after the second publication.

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,

Shaun M Maxey  
Senior Water Resource Agent



## State of Idaho

### DEPARTMENT OF WATER RESOURCES

Northern Region, 7600 Mineral Drive. Suite 100, Coeur d'Alene, Idaho 83815

Phone: (208) 762-2800 FAX: (208) 762-2819 [www.idwr.idaho.gov](http://www.idwr.idaho.gov)

C.L. "BUTCH" OTTER  
Governor

GARY SPACKMAN  
Director

August 24, 2016

Tim L. Harlan or Rebecca M. Harlan  
PO Box B  
Bonners Ferry, ID 83805

Re: Incomplete Water Right Permit Application

Dear Applicants:

Idaho Department of Water Resources (IDWR) has received your Application for Permit and it has been receipted (N032137). Your incomplete Application is enclosed.

Please telephone me on August 29<sup>th</sup> to review your Application for missing map information and additional information that is needed for your Commercial and Stockwater uses. Additional information about your proposed facility plan and the water required for a commercial dairy operation are required for IDWR to complete review of the Application.

I can be reached via telephone at (208) 762.2816 or at the address shown above on or after August 29, 2016.

Respectfully,

Shaun M. Maxey  
Senior Water Resource Agent  
Idaho Department of Water Resources, Northern Region  
7600 Mineral DR, Ste. 100  
Coeur d'Alene, ID 83815

Enclosure

Incomplete Application for Permit