

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
IN-OFFICE REVIEW/BENEFICIAL USE FIELD REPORT

**A. GENERAL INFORMATION**Permit No: 96-9729Exam Date: 9/13/19

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? X Y    N
- Irrigation of 5 acres or less
  - Storage of up to 14.6 AF for stockwater purposes only
  - Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
  - Other Domestic

2. Current Owner: Name: Allen & Cheryl Hiatt  
Owner of Record Correct?    X    Y    N  
Address of Record Correct?    X    Y    N  
If No: Address

3. Beneficial Use Fees have been paid:    X    Y    N Receipt No: N035439

4. **SOURCE**    **TRIBUTARY**  
Pend Oreille River Columbia River

Method of Determination: GIS and Tax-lot DataChange in Source:    Y    X    N**B. OVERLAP REVIEW**

1. Other water rights with the same place of use:    YES    NO    Overlap

| Water Right No. | Source             | Purpose of Use | Basis   |
|-----------------|--------------------|----------------|---------|
| 96-7816         | Pend Oreille River | Domestic       | License |
|                 |                    |                |         |

Comments: The POU for right 96-7816 overlaps with the POU for this permit according to Arcmap. However, right 96-7816 is not used at the POU for this permit.

2. Other water rights with the same point of diversion:    NO    Overlap

| Water Right No. | Source | Purpose of Use | Basis |
|-----------------|--------|----------------|-------|
| NONE            |        |                |       |
|                 |        |                |       |

Comments: No water rights share the point of diversion with this permit.

**C. DIVERSION AND DELIVERY SYSTEM**

1. **LOCATION OF POINT(S) OF DIVERSION:**

| Source             | Govt. Lot | 1/4 | 1/4 | 1/4 | Sec. | Twp. | Rge. |      | County |
|--------------------|-----------|-----|-----|-----|------|------|------|------|--------|
| Pend Oreille River |           |     | SE  | SE  | 26   | 57N  | 3W   | B.M. | Bonner |

Method of Determination: GIS and Tax-lot dataChange in POD?    X    N Amendment Required?    X    N

2. **PLACE OF USE:** Use: Irrigation

| TWP | RGE | Sec | NE |    |    |    | NW |    |    |    | SW |    |    |    | SE |    |    |    | Totals |
|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|
|     |     |     | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE |        |

|     |    |       |  |  |  |  |  |  |  |  |  |  |  |  |  |   |               |  |  |  |
|-----|----|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---------------|--|--|--|
| 57N | 3W | 26    |  |  |  |  |  |  |  |  |  |  |  |  |  | D |               |  |  |  |
|     |    | Lot # |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |               |  |  |  |
|     |    |       |  |  |  |  |  |  |  |  |  |  |  |  |  |   | Total Acres = |  |  |  |

Method of Determination: GISChange in POU? X N Amendment Required? X NN/A Delivery System Diagram Attached (required). Indicate all major components and distances between components.N/A Indicate weir size/pipe as applicable.X Aerial Photo Attached (required for irrigation of 10+ acres).N/A Photo of Diversion and System Attached

| 4. Well or Diversion Identification No.* | Motor Make | Hp | Motor Serial No. | Pump Make | Pump Serial No. or Discharge Size |
|------------------------------------------|------------|----|------------------|-----------|-----------------------------------|
|                                          |            |    |                  |           |                                   |

\*Code to correspond with No. on map and aerial photo

**D. FLOW MEASUREMENTS**

| 1. Measurement Equipment | Type | Make | Model No. | Serial No. | Size | Calib. Date |
|--------------------------|------|------|-----------|------------|------|-------------|
| NONE                     |      |      |           |            |      |             |

2. Measurements: No measurement is required for an in-house exam.**E. FLOW CALCULATIONS**         Additional Computation Sheets Attached

Measured Method:

I will recommend a diversion rate of 0.04 cfs, which is what was requested on their application for permit.

Permit allowed = 0.04 cfs

**Recommended = 0.04 cfs****F. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation: N/A

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.}$$

2. Volume Calculations for Other Uses: DOMESTIC

This is a domestic use. According to processing memo #22, domestic use used externally (for yard irrigation) can have up to 0.6 acre feet (AF) of annual water use. I am recommending 0.6 AF for this permit.

**G. PURPOSE OF USE**Irrigation          N # Stock          Domestic # of Homes 1

Other:

Change in Purpose of Use? Y X NMethod of Determination: GIS/ArcMap

If Yes: From Use \_\_\_\_\_ To Use \_\_\_\_\_ Amount \_\_\_\_\_ CFS \_\_\_\_\_ AFA \_\_\_\_\_

**H. NARRATIVE/REMARKS/COMMENTS**

This permit qualifies for an in-house exam. Water is pumped from the Pend Oreille River in Govt. Lot 1 (SESE) Sec. 26, T57N, R03W for domestic use. The domestic place of use has the same PLSS description as the point of diversion except it is not in a government lot.

During initial processing of the application, the assigned water resource agent documented a phone conversation with one of the applicants in a memo on 3/7/19. This memo stated that water used inside the domestic residence on the property is supplied by an existing well drilled in 1993 or 1994. This permit was sought to cover external irrigation under the domestic guidelines outlined in Idaho Statute 42-111. Department records do not show a well on the property owned by the Hiatt's. The records do show an existing well on the neighboring property that is owned by Bill and Sharon Downing. According to the well drillers report, this well was drilled in 2015 for the Downing's and the address on the well log matched the parcel address.

According to ArcMap records, domestic water right 96-7816 overlaps with the POU. It has a priority date of August 21, 1979 and was licensed on August 10, 1988. The license for right 96-7816 includes a condition stating that domestic use is for the lawn and garden. This permit also authorizes use of water only outside of the domestic residence. After looking through the back-file for right 96-7816 and historical county parcel deeds, I am unable to determine which parcel is associated with right 96-8716. During initial processing of the application for this permit, an email was sent to the applicants asking if right 96-7816 was used at their property or if the owners of right 96-7816 (Eugene Morse and Pearl Morse) were the prior owners to the parcel associated with this permit. No response was received to that email.

I called Allen Hiatt on 9/12/19 to inquire about the possible use of right 96-7816 on his property. He told me that the property does not receive water from right 96-7816 or any other water right. Right 96-7816 is not used at the POU for this permit.

I removed conditions 1 and 2 from the permit as is standard. Condition 7 (X35) was removed as there is no overlapping right at the POU. Conditions 3 (004), 4 (239), 5 (X15) and 6 (187) were all carried over since they were relevant to the license.

All of the conditions have been met, and it is reasonable to believe that the owners are using water for this system. Therefore, I am recommending a diversion rate of 0.04 cfs and 0.6 af, which is the standard for domestic uses.

Have conditions of permit approval been met? ☒ Yes ☐ No**I. RECOMMENDATIONS****1. Recommended Amounts**

| <u>BENEFICIAL USE</u> | <u>PERIOD OF USE</u> | <u>DIVERSION RATE</u> | <u>ANNUAL VOLUME</u> |
|-----------------------|----------------------|-----------------------|----------------------|
| Domestic              | 01/01 to 12/31       | 0.04 CFS              | 0.6 AF               |
| <u>Totals:</u>        |                      | 0.04 CFS              | 0.6 AF               |

**2. Recommended Amendments**

\_\_\_ Change P.D. as reflected above \_\_\_ Add P.D. as reflected above ☒ None

\_\_\_ Change P.U. as reflected above \_\_\_ Add P.U. as reflected above ☒ None

Other:

**J. AUTHENTICATION- ALEX DALGLEISH- WATER RESOURCE AGENT**

Field Examiner's Name Alex Dalgleish Date 11-1-19

Reviewer P. Thomas Date 11/6/19

## Dalgleish, Alex

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**From:** Dalgleish, Alex  
**Sent:** Friday, September 13, 2019 11:50 AM  
**To:** 'Dxal'  
**Subject:** RE: Permit 96-9729 Licensing

The photos are great. Beautiful property.

Thanks again,

Alex Dalgleish  
Water Resource Agent  
Phone (208) 287-4913  
[alex.dalgleish@idwr.idaho.gov](mailto:alex.dalgleish@idwr.idaho.gov)

**From:** Dxal [mailto:dxal@aol.com]  
**Sent:** Friday, September 13, 2019 11:44 AM  
**To:** Dalgleish, Alex <Alex.Dalgleish@idwr.idaho.gov>  
**Subject:** Re: Permit 96-9729 Licensing

Hi Alex

Here are the photos. Two of the Front and Back and one of the Side.  
Let me know if these are OK.

Regards, Allen

-----Original Message-----

**From:** Dalgleish, Alex <[Alex.Dalgleish@idwr.idaho.gov](mailto:Alex.Dalgleish@idwr.idaho.gov)>  
**To:** [dxal@aol.com](mailto:dxal@aol.com) <[dxal@aol.com](mailto:dxal@aol.com)>  
**Sent:** Fri, Sep 13, 2019 10:26 am  
**Subject:** Permit 96-9729 Licensing

Allen,

Can you please take photos of the external domestic water use on your property and email them to me.

Thank you,

Alex Dalgleish  
Water Resource Agent  
Phone (208) 287-4913  
[alex.dalgleish@idwr.idaho.gov](mailto:alex.dalgleish@idwr.idaho.gov)



Right 96-9729



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