

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

**A. GENERAL INFORMATION**Permit No: 94-9406

Exam Date: 2/25/2021

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? X Y    N
- a. Irrigation of 5 acres or less
  - b. Storage of up to 14.6 AF for stockwater purposes only
  - c. Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
  - d. Other <     >

2. Current Owner: Name: Courtney P. Maddox and Anthony J. Glessner.  
Owner of Record Correct?   X   Y    N  
Address of Record Correct?   Y      N  
If No: Address

The tax parcel information available to the Department shows that this property is currently owned by Anthony J. Glessner.

3. Beneficial Use Fees have been paid:   X   Y    N Receipt No: C109550

4. SOURCE TRIBUTARY

Ground Water

Method of Determination: GIS, Well Driller's Report, and Tax Parcel DataChange in Source:    Y   X   N**B. OVERLAP REVIEW**

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

| Water Right No. | Source | Purpose of Use | Basis |
|-----------------|--------|----------------|-------|
|                 |        |                |       |
|                 |        |                |       |

Comments: There are no overlapping rights for this place of use. There are 3 other rights for the neighbors to the south and west of the property, but they are not associated with this parcel.

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

| Water Right No. | Source | Purpose of Use | Basis |
|-----------------|--------|----------------|-------|
|                 |        |                |       |
|                 |        |                |       |

Comments: There are no overlapping rights for this place of use. There are 3 other rights for the neighbors to the south and west of the property, but they are not associated with this parcel.

**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   |
|---------------------|-----------|-----|-----|-----|------|------|------|------|----------|
| Well Tag # D0069432 |           |     | NE  | SE  | 23   | 49N  | 1W   | B.M. | KOOTENAI |
|                     |           |     |     |     |      |      |      | B.M. |          |
|                     |           |     |     |     |      |      |      | B.M. |          |

Method of Determination: GIS, Well Driller's Report, and Tax Parcel Data.Change in POD?   X   N Amendment Required?   X   N**2. PLACE OF USE:** Use: Domestic

| TWP           | RGE | Sec   | NE |    |    |    | NW |    |    |    | SW |    |    |    | SE |    |    |    | Totals |
|---------------|-----|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|
|               |     |       | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE |        |
| 49N           | 1W  | 23    |    |    |    |    |    |    |    |    |    |    |    |    | D  |    |    |    |        |
|               |     | Lot # |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |        |
| Total Acres = |     |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |        |

Method of Determination: GIS and Tax Parcel DataChange in POU?   X   N Amendment Required?   X   N   Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

  X   Aerial Photo Attached (required for irrigation of 10+ acres).   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 |
|------------------------------------------|------------|----|------------------|-----------|-----------------------------------|
| Well Pump                                | Unknown    |    |                  |           |                                   |
|                                          |            |    |                  |           |                                   |

\*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:

The Proof of Beneficial Use Statement is marked that there is no livestock. The permit claimed 25 head of mixed stock. The application claimed 25 head mixed stock (beef, hogs, and chickens). This parcel is only one acre, so it is very unlikely that they could have that number of livestock on the property unless it was just chickens. Since, the Proof of Beneficial Use Statement confirms that the stockwater was not developed as permitted, the only use that can be licensed is the domestic use. There is no information on the size of the well pump, so I am required to fall back on the standard for domestic use set forth by Administrative Processing Memo #22.

**Administrative Memo #22 = 0.04 cfs for domestic use****Permit allowed = 0.04 cfs for domestic use**

**I am recommending 0.04 cfs since the permit limitation for domestic use was based on Administrative Memorandum #22. There will be no diversion rate authorized for stockwater as explained above.**

**F. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

Administrative Processing Memorandum #22 provides guidance to allow 1.2 af for in-house use and yard irrigation. Since the stockwater is not being recommended for licensing, there will be no volume for stockwater.

**G. PURPOSE OF USE**Irrigation \_\_\_Y\_\_\_N # Stock \_\_\_\_\_ Domestic # of Homes 1

Other: &lt; &gt;

Change in Purpose of Use? \_\_\_Y\_\_\_N

Method of Determination: Taxlot data and conversations with owner.

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

**H. NARRATIVE/REMARKS/COMMENTS**

This permit qualifies for an in-house examination. This is a one acre parcel that appears from the aerial imagery to have a home, garage, and a yard. There is also a small well house. The irrigation of this parcel may exceed 1/2 acre, but we are limited by the permit.

This permit lapsed and was reinstated. The priority date was advanced to August 6, 2015. The application was received on August 4, 2015, so the priority date was advanced two days.

As stated above Proof of Beneficial Use Statement is marked that there is no livestock. The permit claimed 25 head of mixed stock. The application claimed 25 head mixed stock (beef, hogs, and chickens). This parcel is only one acre, so it is very unlikely that they could have that number of livestock on the property unless it was just chickens due to County Ordinances. Since, the Proof of Beneficial Use Statement confirms that the stockwater was not developed as permitted, the only use that can be licensed is the domestic use

The point of diversion shape file and the shape file for the well location was based on a mark digitized by Northern Region staff. The Well Driller's report did not have the proper GPS information, so I feel the digitized mark is more accurate. It is right next to a small building that appear to be a well house.

Conditions X01 and 187 should be carried forward to licensing. The remaining condition will not be carried forward to licensing. The water system doesn't appear to leave the property, and it doesn't use surface water, so the right of way condition is not needed.

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              | 1.2 AFA              |
| <u>Totals:</u>        |                      | 0.04 CFS              | 1.2 AFA              |

**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: < >

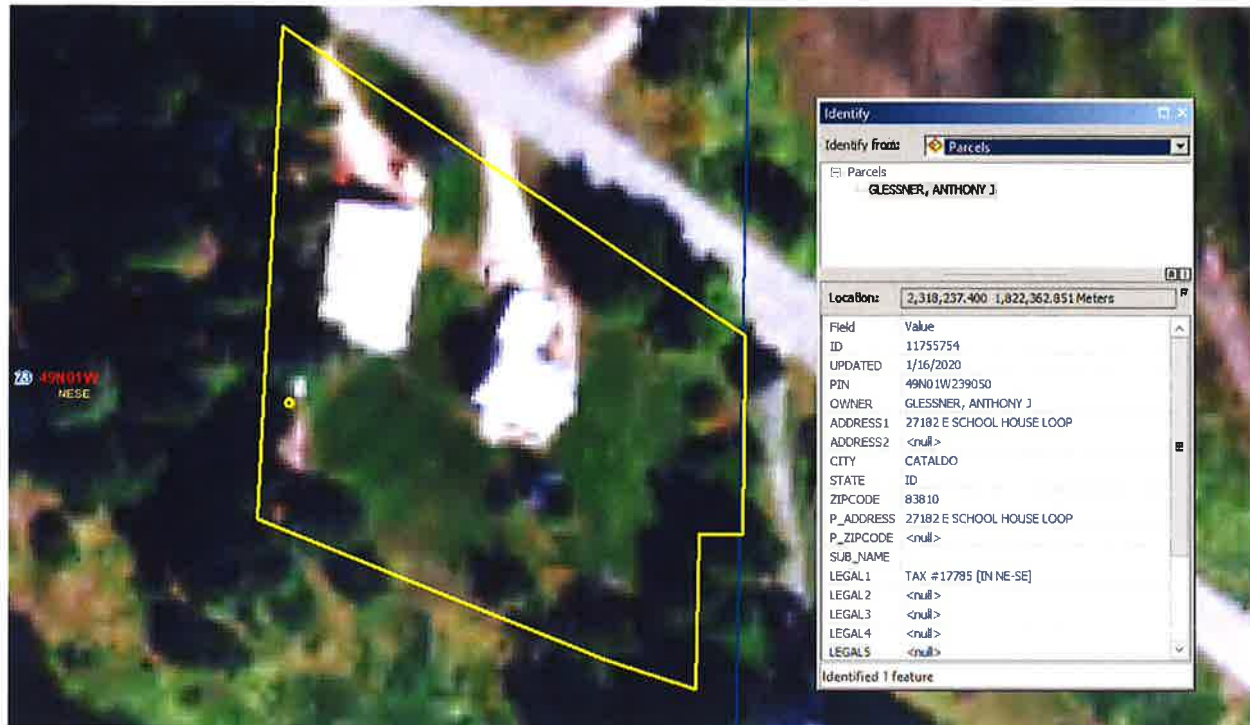
**J. AUTHENTICATION - DANIEL A. NELSON - WATER RIGHT ANALYST 3**

Field Examiner's Name Daniel A. Nelson Date 2-25-21

Reviewer Angela M. Gumm Date 2/26/2021

## Field Exam Map:

The yellow border shows the place of use and tax parcel. The yellow point shows the point of diversion.



## Kootenai County Tax Maps



| Parcel                        |                                               | Parcel Number<br>1 of 1                            |                                  |
|-------------------------------|-----------------------------------------------|----------------------------------------------------|----------------------------------|
| Parcel Number<br>49N01W239050 | AIN<br>102378                                 | Situs Address<br>27182 E SCHOOL HOUSE LOOP CATALDO | Date as of<br>2/20/2021          |
| <b>Owner Information</b>      |                                               |                                                    |                                  |
| Owner Name                    | GLESSNER ANTHONY J MADDOX COURTNEY P          |                                                    |                                  |
| Owner Address                 | 27182 E SCHOOL HOUSE LOOP<br>CATALDO ID 83810 |                                                    |                                  |
| Transfer Date                 | 07/22/2015                                    |                                                    |                                  |
| Document #                    |                                               |                                                    |                                  |
| Deed Book/Page                |                                               |                                                    |                                  |
| <b>Location / Description</b> |                                               |                                                    |                                  |
| Tax Authority Group           | 242000                                        | Current Legal Desc.                                | TAX #17785 [IN NE-SE] 23 49N 01W |
| Situs Address                 | 27182 E SCHOOL HOUSE LOOP, CATALDO            |                                                    |                                  |
| Acres                         | 1.0020                                        |                                                    |                                  |
| <b>Parcel Type</b>            |                                               |                                                    |                                  |
| Property Class Code           | 534 - Imp res rural tract                     |                                                    |                                  |
| Neighborhood Code             | 6010 RURAL CATALDO-ROSE LAKE                  |                                                    |                                  |
| <b>Assessment Information</b> |                                               |                                                    |                                  |
| Appraisal Date                | 07-13-2020                                    | Current Year                                       | 2020                             |
| Market Value Land             | \$82,507                                      | Homeowners Eligible Amt Land                       | \$82,500                         |
| Market Value Improvement      | \$142,120                                     | Homeowners Eligible Amt Imp                        | \$142,120                        |
| Total Market Value            | \$224,627                                     | Sum Homeowners Eligible Amt                        | \$224,620                        |
|                               |                                               | Homeowners Exemption Allowed                       | \$100,000                        |
| Acres                         | 1.0020                                        | Total Market Value                                 | \$224,627                        |
|                               |                                               | Homeowners Exemption Allowed                       | \$100,000                        |
|                               |                                               | Ag/Timber Exemption                                | \$0                              |
|                               |                                               | Other Exemptions                                   | \$0                              |
|                               |                                               | Net Taxable Value                                  | \$124,627                        |
|                               |                                               | Prior Year                                         | 2019                             |
|                               |                                               | Homeowners Eligible Amt Land                       | \$66,000                         |
|                               |                                               | Homeowners Eligible Amt Imp                        | \$135,370                        |
|                               |                                               | Sum Homeowners Eligible Amt                        | \$201,370                        |
|                               |                                               | Homeowners Exemption Allowed                       | \$100,000                        |
|                               |                                               | Total Market Value                                 | \$201,376                        |
|                               |                                               | Homeowners Exemption                               | \$100,000                        |
|                               |                                               | Ag/Timber Exemption                                | \$0                              |
|                               |                                               | Other Exemptions                                   | \$0                              |
|                               |                                               | Net Taxable Value                                  | \$101,376                        |