

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
BENEFICIAL USE FIELD REPORT

**A. GENERAL INFORMATION**

Permit No: 95-17524  
Exam Date: 05/24/2021

## 1. Current Owner:

DEANN DIXON 17312 N RIGHT FORK RD HAUSER ID 83854-5583 AND/OR  
JENNIFER CARR 17312 N RIGHT FORK RD HAUSER ID 83854-5583 AND/OR  
LAJUANNA DIXON 17312 N RIGHT FORK RD HAUSER ID 83854-5583

## 2. Accompanied by: Lajuanna Dixon

Phone No: 208-457-1482

Address: Same as above

Relationship to permit Holder: Permit holder

3. **SOURCE:**

RIGHT FORK HAUSER CREEK

**Tributary**

HAUSER CREEK

Method of Determination: Arcmap and DRG.

**B. OVERLAP REVIEW**

## 1. Other water rights with the same place of use:

YES Overlap

| Water Right No. | Source       | Purpose of Use | Basis   |
|-----------------|--------------|----------------|---------|
| 95-7567         | SPRING       | DOMESTIC       | DECREED |
| 95-14573        | GROUND WATER | DOMESTIC       | DECREED |

Comments: both 95-7567 & 95-14573 are decreed water rights that use spring water and groundwater respectively for domestic use(s) that include 1/2 acre irrigation and overlap this permit's irrigation POU. Condition X35 was applied to this right for permit approval, and was revised during licensing review to mitigate the overlap concerns between rights 95-7567, 95-14573, & 95-17524 with regard to the diversion rate & irrigation acres.

## 2. Other water rights with the same point-of-diversion:

NO Overlap**C. DIVERSION AND DELIVERY SYSTEM**1. **LOCATION OF POINT(S) OF DIVERSION:**

RIGHT FORK HAUSER CREEK SE1/4 NE1/4, Sec. 30, Twp 52N, Rge 05W, B.M. KOOTENAI County

Method of Determination: GPS. POD is a screened intake pipe in the creek located at -117°0.346, 47°49.640.

**PLACE OF USE:** IRRIGATION

| Twp | Rng | Sec | NE |    |    |     | NW |    |    |    | SW |    |    |    | SE |    |    |    | Totals |
|-----|-----|-----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|--------|
|     |     |     | NE | NW | SW | SE  | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE |        |
| 52N | 05W | 30  |    |    |    | 0.3 |    |    |    |    |    |    |    |    |    |    |    |    | 0.3    |

Total Acres: 0.3

Method of Determination: Field exam and Arcmap aerial imagery.

- 3.
- ☒ Delivery System Diagram Attached (required). Indicate all major components and distances between components.
- ☒ Indicate weir size/pipe as applicable.
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

4.

| Well or Diversion ID No.* | Motor Make | Hp  | Motor Serial No. | Pump Make | Pump Serial No. or Discharge Size |
|---------------------------|------------|-----|------------------|-----------|-----------------------------------|
| CREEK DIVERSION           | HONDA      | 1.5 | WX15T            |           |                                   |

**D. FLOW MEASUREMENTS**

1.

| Measurement Equipment    | Type | Make | Model No. | Serial No. | Size | Calib. Date |
|--------------------------|------|------|-----------|------------|------|-------------|
| 5 GAL BUCKET MEASUREMENT |      |      |           |            |      |             |

2. Measurements: a 5-gallon bucket test was performed from a garden hose routed from the 1.5 HP Honda water transfer pump, resulting in a diversion rate of 5 gal / 33.53 sec x 60 sec/min = 8.95 gpm = **0.02 cfs**, considering department rounding standards.

**E. FLOW CALCULATIONS**

Measured Method: 5 gal / 33.53 sec x 60 sec/min = 8.95 gpm or 0.02 cfs.

**F. VOLUME CALCULATIONS**

1. Volume Calculations for irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.3 \text{ ac} \times 3.0 \text{ afa} = 1.0 \text{ af}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.02 \text{ cfs} \times 246 \text{ days} \times 1.9835 = 9.8$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 9.8 \text{ af}$$

2. Volume Calculations for Other Uses:

This right uses a surface water source and does not receive an annual volume nor maximum diversion volume.



State of Idaho  
Department of Water Resources  
**Attachment to Field Exam**  
95-17524

IRRIGATION system diagram

05W

52N



-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

0 0.03 0.06 0.12 Miles





FIELD EXAM DATE 5/24/2021



POD – SCREENED INTAKE PIPE IN CREEK



POD – 4 STROKE HONDA WATER TRANSFER PUMP, MODEL WX15T





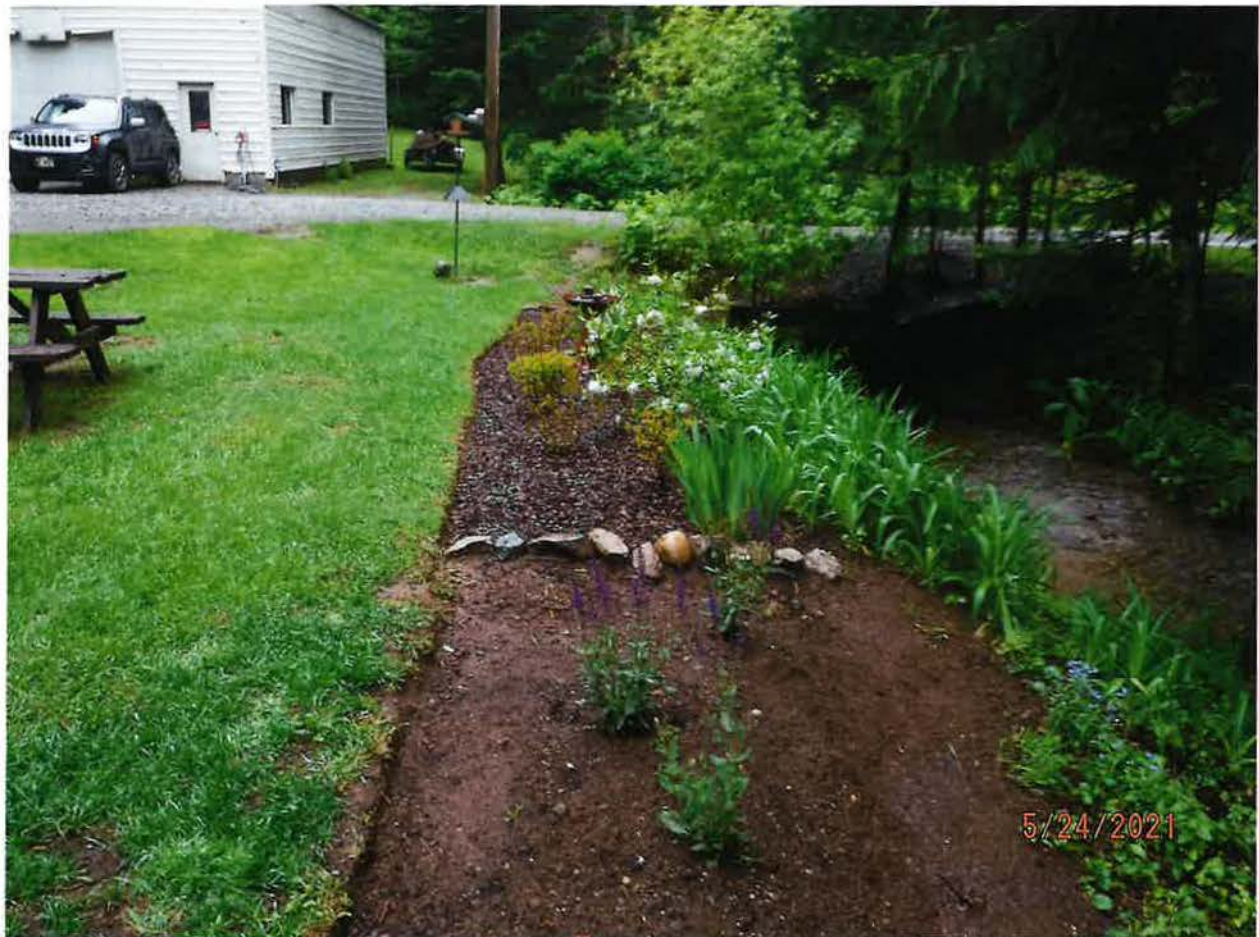
PERFORMING FLOW MEASUREMENT – 5 GAL BUCKET TEST FROM GARDEN HOSE AT POU



IRRIGATION POU



IRRIGATION POU





IRRIGATION POU





PATHWAY FROM EDGE OF IRRIGATION POU, DOWN TO CREEK AND POD