

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**BENEFICIAL USE FIELD REPORT**

**A. GENERAL INFORMATION**

Permit No: 57-12084

Exam Date: 11/21/2023

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)?   x  Y      N

- a.   x   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:

CITY OF GRAND VIEW PO BOX 69 GRAND VIEW ID 83624-0069

3. **SOURCE:**

DRAIN DITCH

**Tributary**

SNAKE RIVER

**Method of Determination:** GIS ArcMap Tools, Aerial Imagery, and Taxlot Data**B. OVERLAP REVIEW**1. Other water rights with the same place of use:   YES   Overlap

| Water Right No. | Source      | Purpose of Use | Basis   |
|-----------------|-------------|----------------|---------|
| 2-203           | Snake River | Irrigation     | Decreed |
| 2-29            | Snake River | Irrigation     | Decreed |
| 2-2034          | Snake River | Irrigation     | Decreed |

Comments: Grandview Irrigation District rights overlap the place of use.

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

| Water Right No. | Source      | Purpose of Use | Basis          |
|-----------------|-------------|----------------|----------------|
| 57-12073        | Drain Ditch | Irrigation     | Permit/License |
|                 |             |                |                |

Comments: Irrigation permit for Bruneau Grandview School District shares point of diversion on Drain Ditch.

**C. DIVERSION AND DELIVERY SYSTEM**1. **LOCATION OF POINT(S) OF DIVERSION:**

DRAIN DITCH L6 ( NW¼ SW¼), Sec. 15, Twp 05S, Rge 03E, B.M. OWYHEE County

Method of Determination:

**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 |        |
| 05S | 03E | 15  |    |    |    |           |    |    | 0.6<br>L5 |    |    | 2.2<br>L6 | 0.1 |     |    |    |    |    | 2.9    |
| 05S | 03E | 16  |    |    |    | 0.1<br>L3 |    |    |           |    |    |           |     | 0.4 |    |    |    |    | 0.5    |

Total Acres: 3.4

Method of Determination: GIS ArcMap Tools, Aerial Imagery, and Taxlot Data

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components.  
 \_\_\_\_\_ Indicate weir size/pipe as applicable.

X

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 |
|---------------------------|------------|-----|------------------|-----------|-----------------------------------|
| N/A                       | N/A        | N/A | N/A              | N/A       | N/A                               |

**D. FLOW MEASUREMENTS**

1.

| Measurement Equipment | Type | Make | Model No. | Serial No. | Size | Calib. Date |
|-----------------------|------|------|-----------|------------|------|-------------|
| N/A                   | N/A  | N/A  | N/A       | N/A        | N/A  | N/A         |

2. Measurements: No measurement required for an in-office examination.

**E. FLOW CALCULATIONS**

\_\_\_\_\_ Additional Computation Sheets Attached

Measured Method:

(Acres irrigated) x (generic diversion rate) = (3.4 acres) x (0.03 cfs/acre) = 0.10 cfs

**F. VOLUME CALCULATIONS**

1. Volume Calculations for irrigation:

$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (3.4 \text{ acres irrigated}) \times (4.5 \text{ af}) = 15.3 \text{ af}$

$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 51.6 \text{ af}$

$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 15.3 \text{ af}$

2. Volume Calculations for Other Uses: None

**G. NARRATIVE/REMARKS/COMMENTS**

This permit qualifies for an in-office exam because it is for irrigation of less than 5 acres. Field exam was conducted on November 21, 2023, by Justin Shearer. Ownership of the permit is in the name of the City of Grand View. Current taxlot data represents the City of Grand View owns the land appurtenant to the place of use (POU) and point of diversion (POD). Proof of Beneficial Use was submitted on September 13, 2023. No ownership change is required.

Aerial imagery available to the Department indicates that 3.4 acres of irrigation have been developed compared to the 4.2 acres permitted. As a result, I am recommending 0.10 cfs and 15.3 af for the irrigation of 3.4 acres on this license. Overlap

shows that there is POU overlap with Grand View Irrigation District rights service area. Additionally, POD overlap analysis shows that there is potentially a shared point of diversion from the Drain Ditch with a Bruneau Grandview School District active water right permit. However, both entities declined to provide any comment at time of advertisement during the application process when sought for comment. Additionally, the POU for this right does not overlap with the POU of the right that potentially shares POD so a combined use limit is not necessary.

All conditions of permit approval have been met. Because this right falls within a water district I am adding standard water district lockable diverting works and measuring device conditioning. Condition 121 is being changed to 103 as per department standard.

Have conditions of permit approval been met? ☒ Yes ☐ No

#### H. RECOMMENDATIONS

##### 1. Recommended Amounts

| <u>Beneficial Use</u> | <u>Period of Use</u> | <u>Rate of Diversion</u> | <u>Annual Volume</u> |
|-----------------------|----------------------|--------------------------|----------------------|
| IRRIGATION            | 03/01 to 11/15       | 0.10 CFS                 | 15.3 AF              |

Totals: 0.10 CFS 15.3 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

#### I. AUTHENTICATION Justin Shearer -

Field Examiner's Name Justin Shearer Date 11/22/2023

Reviewer P. Hunter Date 11/28/23