

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

**A. GENERAL INFORMATION**

Permit No: 63-34957

Exam Date: 09/20/2023

## 1. Current Owner:

GO INVESTMENT IDAHO LLC 1201 S KIMBALL AVE CALDWELL ID 83605-4626

## 2. Accompanied by:

Jim Bitzenburg (IDWR Water Right Supervisor) and Orlando Razo (Obendorf Hop Employee)

3. **SOURCE:**

GROUND WATER

**Method of Determination:** Aerial imagery and on-site visit.**B. OVERLAP REVIEW**1. Other water rights with the same place of use: No overlap

| Water Right No. | Source       | Purpose of Use                              | Basis                         |
|-----------------|--------------|---------------------------------------------|-------------------------------|
| 63-34905        | Dixie Slough | Irrigation, wildlife<br>Aesthetic & storage | Permit<br>(proof due in 2022) |

Comments: \_\_\_\_\_

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

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

Comments: \_\_\_\_\_

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

GROUND WATER SW¼ NW¼, Sec. 36, Twp 05N, Rge 05W, B.M. CANYON County

GROUND WATER SW¼ NW¼, Sec. 36, Twp 05N, Rge 05W, B.M. CANYON County

**Method of Determination:** Aerial imagery and on-site visit.**PLACE OF USE: WILDLIFE STORAGE**

| Twp | Rng | Sec | NE |    |    |    | NW |    |    |    | SW |    |    |    | SE |    |    |    | Totals |
|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|
|     |     |     | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE |        |
| 05N | 05W | 36  |    |    |    |    |    |    | X  |    |    |    |    |    |    |    |    |    |        |

**PLACE OF USE: AESTHETIC STORAGE**

| Twp | Rng | Sec | NE |    |    |    | NW |    |    |    | SW |    |    |    | SE |    |    |    | Totals |
|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|
|     |     |     | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE |        |
| 05N | 05W | 36  |    |    |    |    |    |    | X  |    |    |    |    |    |    |    |    |    |        |

**Method of Determination:** Aerial imagery and on-site visit.

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.

XX

Aerial Photo Attached (required for irrigation of 10+ acres).

X

Photo of Diversion and System Attached

4. NA

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

**D. FLOW MEASUREMENTS**

1. No flow measurements were required due to the ponds being excavated pits in the ground where the ground water seeps up to fill the ponds. There is no diversion to fill the ponds.

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

2. Measurements: None

**E. FLOW CALCULATIONS**

Measured Method: NA

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

**F. VOLUME CALCULATIONS**

1. Volume Calculations for irrigation:

No irrigation component on permit 63-34957.

2. Volume Calculations for Other Uses:

**Wildlife/Aesthetic Storage:** Based on aerial imagery the total surface area of the two ponds is approximately 3.11 acres. The owner (Brock Obendorf) indicated that the average depth was between 15-20 feet. Based on the lowest estimation the volume would be calculated as follows:

$$3.11 \text{ Acres} * 15 \text{ feet} = 46.65 \text{ AF}$$

The ponds were permitted for 24.0 AF of storage. Because the calculated value is higher than the permitted value. I recommend that the volume be licensed for **24.0 AF.**

**G. NARRATIVE/REMARKS/COMMENTS**

The licensing field exam for 63-34957 was conducted on September 20, 2023, with Jim Bitzenburg (IDWR Water Right Supervisor) and accompanied by Orlando Razo (Obendorf Hop Employee).

Volume calculations for storage were based on the surface area of the two ponds using aerial imagery as well as information given by the owner. Based on calculations and obtained information I recommend licensing 24.0 AF for wildlife and aesthetic storage.

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> |
|-----------------------|----------------------|--------------------------|----------------------|
| WILDLIFE STORAGE      | 01/01 to 12/31       |                          | 24.0 AF              |
| AESTHETIC STORAGE     | 01/01 to 12/31       |                          | 24.0 AF              |

Totals:

24.0 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** Tyler Wallace -

Field Examiner's Name

*Tyler Wallace*

Date

*1/23/2024*

Reviewer

*Ay Shin*

Date

*1/23/2024*

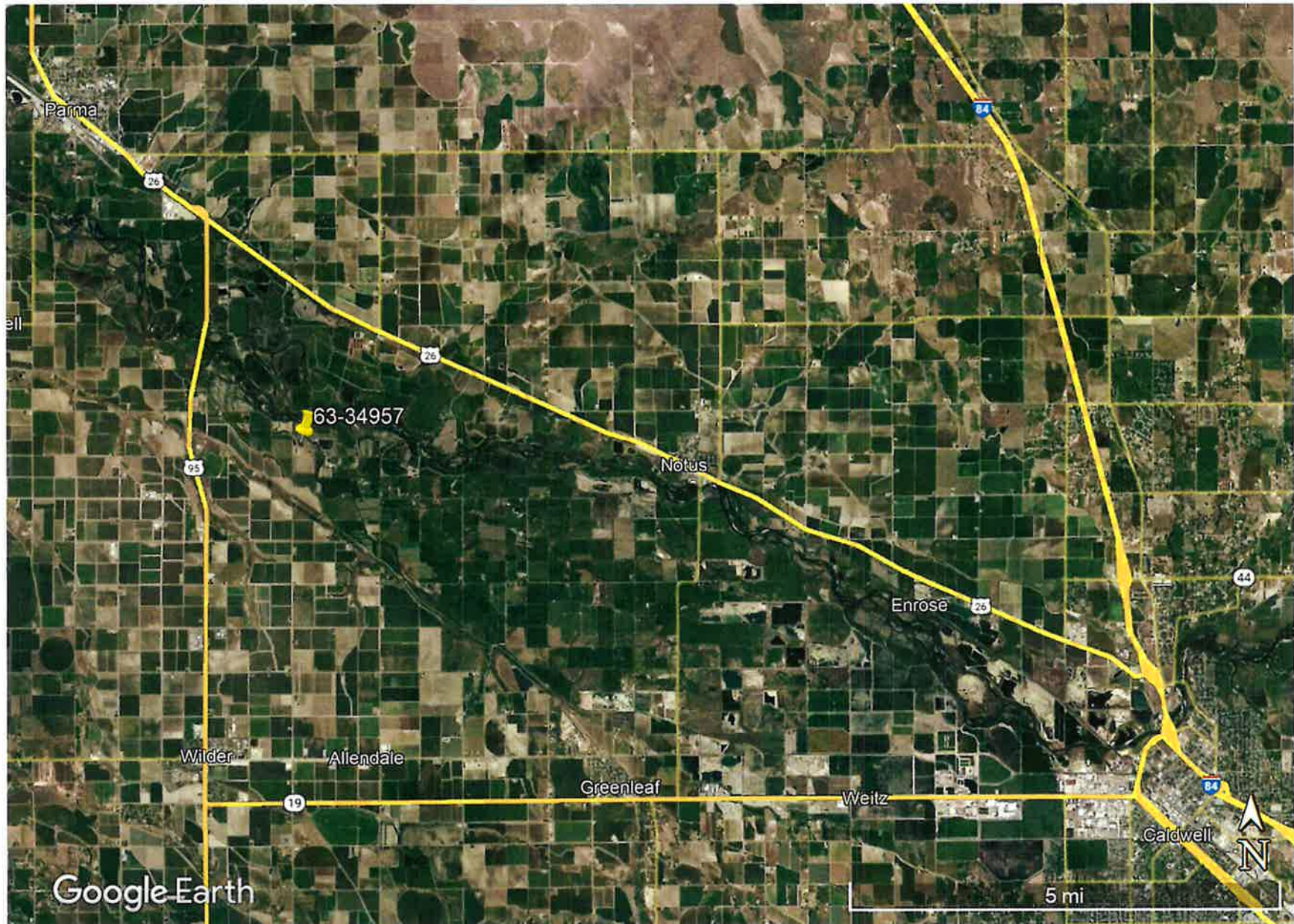


**Figure 1.** Aerial view taken from Google Earth 2022 imagery showing the location of the ponds associated with water right 63-34957.

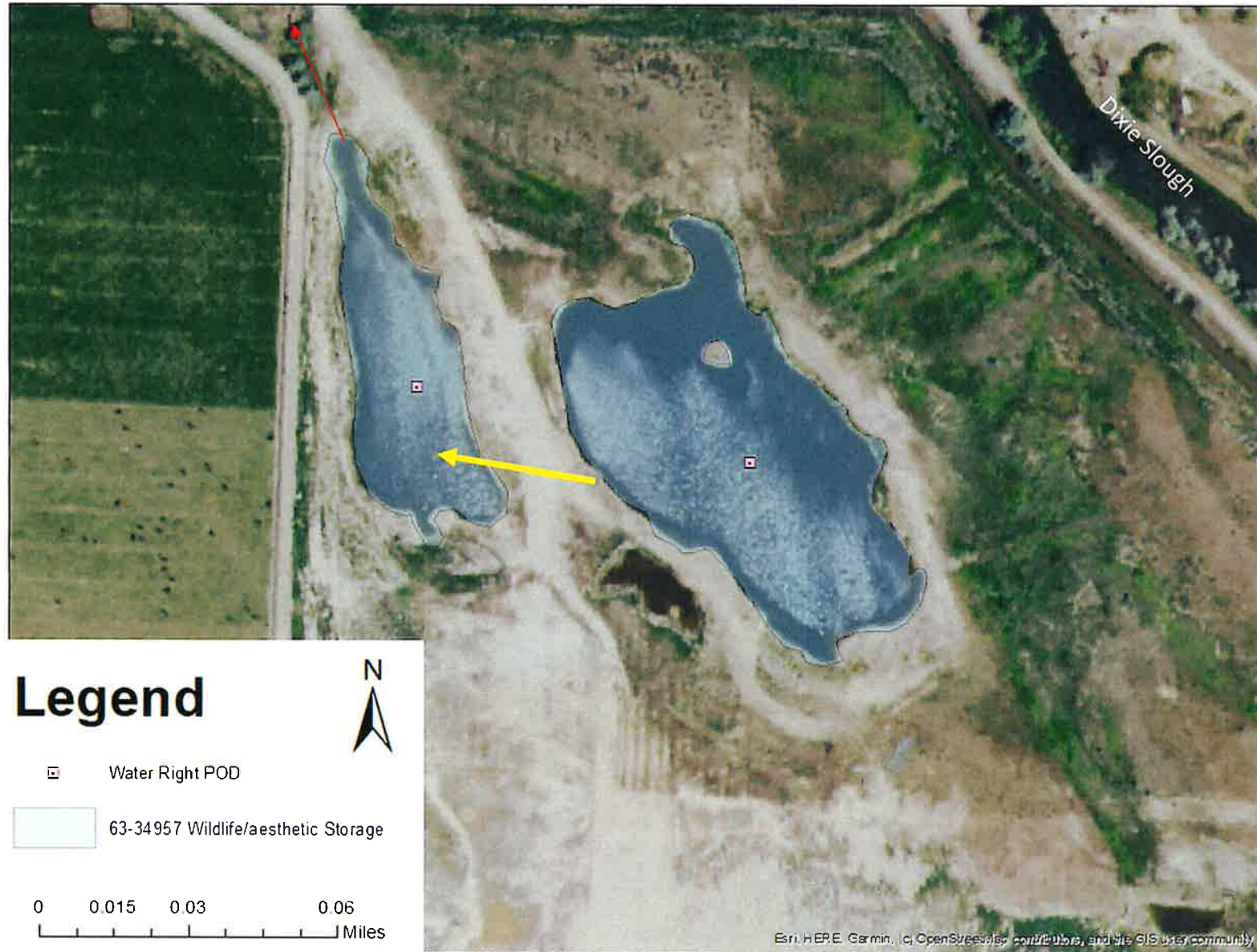


**Figure 2:** Image offering a closer view of the two ponds. The shaded area is approximately 3.1 Acres. A channel connecting the two ponds was observed during the exam with the water flowing from the east pond into the west pond as indicated by the yellow arrow (see photo 3). During irrigation season the water level rises in the east pond. The owner indicated that there will be a pipe installed connecting the two ponds to maintain surface elevations. Water overflows out of the north side of the west pond into a nearby canal as indicated by the red arrow (see photo 2).



**Photo 1.** Image of the east pond looking in a southeasterly direction.



**Photo 2.** Image of the west pond looking south. Note the water flowing out of the pond in a northward direction.



**Photo 3.** Image of the channel between the two ponds. Water is flowing from the east pond towards the west pond. The owner indicated that a buried pipe would connect the two ponds in the future.