

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

**A. GENERAL INFORMATION**

Permit No: 65-22915

Exam Date: 8/3/2012

1. Current Owner: DARYL HART  
PO BOX 1311  
MCCALL ID 83638  
(208)634-0572

And

FAUSTINO RAMOS  
PO BOX 1543  
MCCALL ID 83638  
(208)630-4161

And

MARCHELLE HART  
PO BOX 1311  
MCCALL ID 83638  
(208)634-0572

And

VERLA WITT  
13968 TURNER LN  
MCCALL ID 83638  
(208)634-1343

2. Accompanied by: Faustino Ramos  
Phone No: (208) 630-4161  
Address: P.O. Box 1543, McCall, ID 83638  
Relationship to Permit Holder: Co-Right Holder

3. **SOURCE**

UNNAMED STREAM

**TRIBUTARY**

LAKE FORK

**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: None
2. Other water rights with the same point of diversion: None

**C. DIVERSION AND DELIVERY SYSTEM**

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

UNNAMED STREAM

SE1/4SW1/4

Sec. 34, Twp 18N, Rge 03E, B.M.

VALLEY County

Method of Determination: Arc Map (Aerial Photo).

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2.

**PLACE OF USE:** AESTHETIC STORAGE

| Twp | Rge | Sec | NE |    |    |    | NW |    |    |    | SW |    |    |    | SE |    |    |    | Totals |
|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|
| 18N | 03E | 34  | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE |        |
|     |     |     |    |    |    |    |    |    |    |    |    |    |    | X  |    |    |    |    |        |

**PLACE OF USE:** WILDLIFE STORAGE

| Twp | Rge | Sec | NE |    |    |    | NW |    |    |    | SW |    |    |    | SE |    |    |    | Totals |
|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|
| 18N | 03E | 34  | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE |        |
|     |     |     |    |    |    |    |    |    |    |    |    |    |    | X  |    |    |    |    |        |

Method of Determination: Arc Map (Aerial Photo)

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.

| <u>Well or Diversion ID No.*</u> | <u>Motor Make</u> | <u>Hp</u> | <u>Motor Serial No.</u> | <u>Pump Make</u> | <u>Pump Serial No. or Discharge Size</u> |
|----------------------------------|-------------------|-----------|-------------------------|------------------|------------------------------------------|
| N/A                              |                   |           |                         |                  |                                          |
|                                  |                   |           |                         |                  |                                          |
|                                  |                   |           |                         |                  |                                          |

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

**D. FLOW MEASUREMENTS**

1.

| <u>Measurement Equipment</u> | <u>Type</u> | <u>Make</u> | <u>Model No.</u> | <u>Serial No.</u> | <u>Size</u> | <u>Calib. Date</u> |
|------------------------------|-------------|-------------|------------------|-------------------|-------------|--------------------|
| Tape Measure                 |             |             |                  |                   |             |                    |
|                              |             |             |                  |                   |             |                    |

2. Measurements: Spillway Concrete Flow Channel.

$$Q = V \times A = 2 \times 0.54 \text{ ft}^2 = 1.08 \text{ cfs}$$

$$Q = 1.08 \text{ cfs} \times 2 \text{ channels} = 2.16 \text{ cfs}$$

Spillway Dimensions: Width = 1.42'/channel  
 Flow Depth = 0.38'  
 V = 2 ft/sec (Estimated)  
 A = 0.54 ft<sup>2</sup> (Cross-sectional Flow Area)

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**E. FLOW CALCULATIONS**

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

Measured Method: (Open Channel)

$$Q = V \times A = 2 \times 0.54 \text{ ft}^2 = 1.08 \text{ cfs}$$

$$Q = 1.08 \text{ cfs} \times 2 \text{ channels} = 2.16 \text{ cfs}$$

Spillway Dimensions: Width = 1.42'/channel  
 Flow Depth = 0.38'  
 $V = 2 \text{ ft/sec}$  (Estimated)  
 $A = 0.54 \text{ ft}^2$  (Cross-sectional Flow Area)

**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: (Aesthetic and Wildlife Storage Pond)

$$V = \text{Area} \times \text{Depth} = 2.5 \text{ acres} \times 4' = 10.0 \text{ AFA}$$

Pond Size:

$$V (\text{pond}) = 10.0 \text{ AF} = V (\text{permit})$$

Area = 2.5 acre

Depth (average) = 4'

$$V(\text{Recommended}) = 10.0 \text{ AFA}$$

**G. NARRATIVE/REMARKS/COMMENTS****POND SUPPLY SYSTEM:**

A 2.5 acre pond was constructed on an unnamed stream for aesthetic and wildlife storage. The inlet from the unnamed stream enters at the northern portion of the storage pond. The dam, located on the south end of the storage pond, is approximately 6.5' high, with a maximum depth of 6', and an average depth of 4'. The dam concrete spillway is located near the southeast corner of the storage pond. The concrete spillway is comprised of two concrete channels for discharging to the unnamed stream. The unnamed stream discharges to the Faentino Ramos storage pond, Water Right Permit No. 65-22941, located approximately 100 feet south of the dam. Boards are placed at the upstream end of the spillway for discharge control.

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

CONDITION NO.3 (01H) AND CONDITION NO.4 (18C) – Right holder shall install a lockable device and a measuring device prior to diversion of water. At the request of the right holders, the Watermaster for District 65K agreed to waive the lockable and measuring device requirements. On April 13, 2007, the Department issued an order to waive the requirements for the installation of a lockable device and a measuring device. As stated in the order, the Department retains jurisdiction to reinstate the condition in the future.

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**RATE &/OR STORAGE RECOMMENDED FOR LICENSING**

| Description               | Rate of Flow (cfs) |      | Storage (af) |
|---------------------------|--------------------|------|--------------|
| Permit Amount             | N/A                | &/or | 10.0         |
| Beneficial Use Limit      | N/A                | &/or | N/A          |
| System Measurement        | 2.16 (Spillway)    | &/or | N/A          |
| Proof Fee Amount          | 0.2                | &/or | 20.0         |
| <b>Recommended Amount</b> | N/A                | &/or | 10.0         |

**H. RECOMMENDATIONS****1. Recommended Amounts**

| <u>BENEFICIAL USE</u> | <u>PERIOD OF USE</u> | <u>DIVERSION RATE</u> | <u>ANNUAL VOLUME</u> |
|-----------------------|----------------------|-----------------------|----------------------|
| AESTHETIC STORAGE     | 01/01 to 12/31       | N/A                   | 10.00 AF             |
| WILDLIFE STORAGE      | 01/01 to 12/31       | N/A                   | 10.00 AF             |
| <u>Totals:</u>        |                      | N/A                   | 10.00 AF             |

**2. Recommended Amendments**

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

\_\_\_ Change P.U. as reflected above    \_\_\_ Add P.U. as reflected above    \_\_\_ Other

**I. AUTHENTICATION**

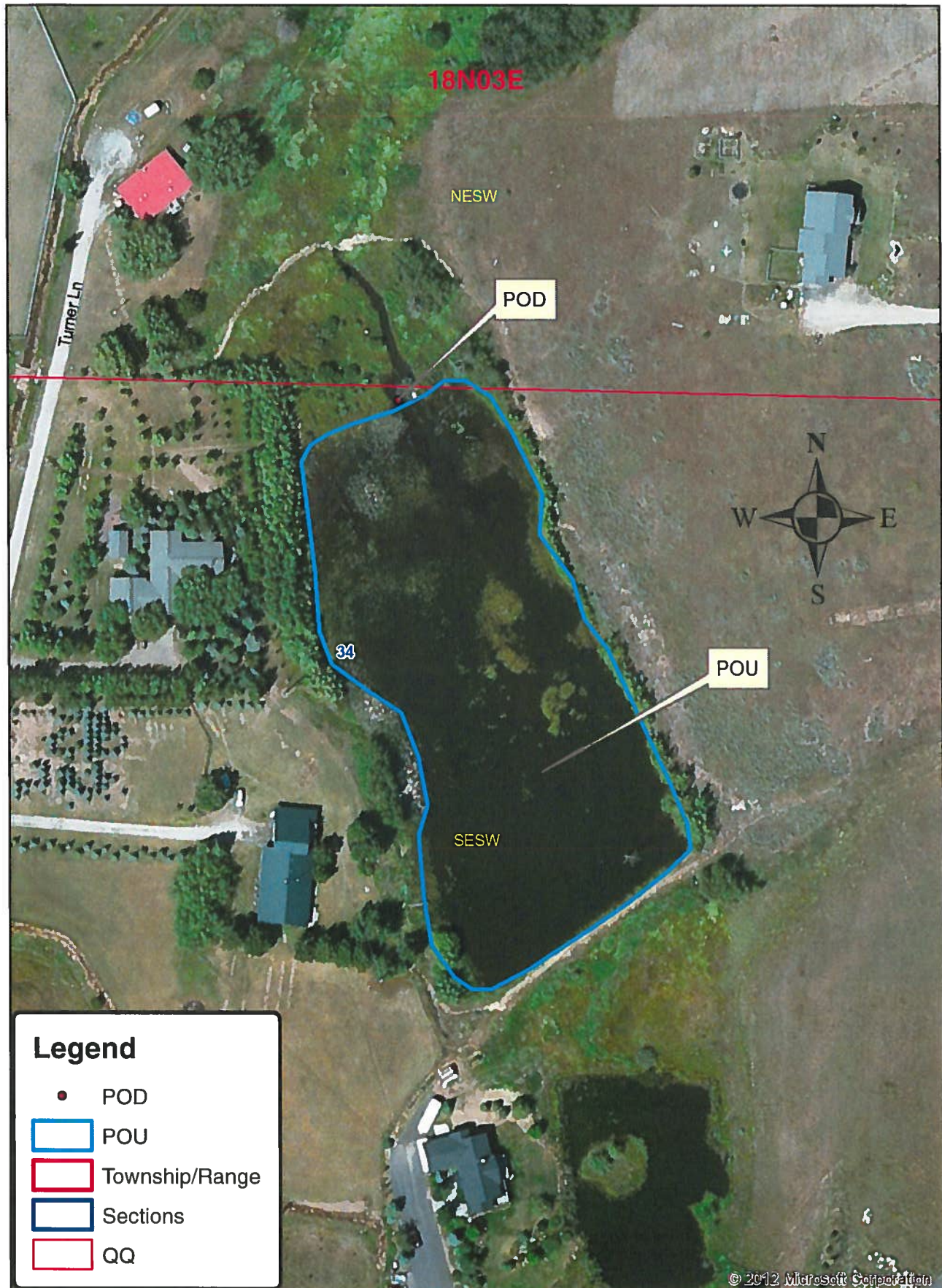
Field Examiner's Name *Rick Collingwood* Date 3/21/13

Reviewer \_\_\_\_\_ Date \_\_\_\_\_

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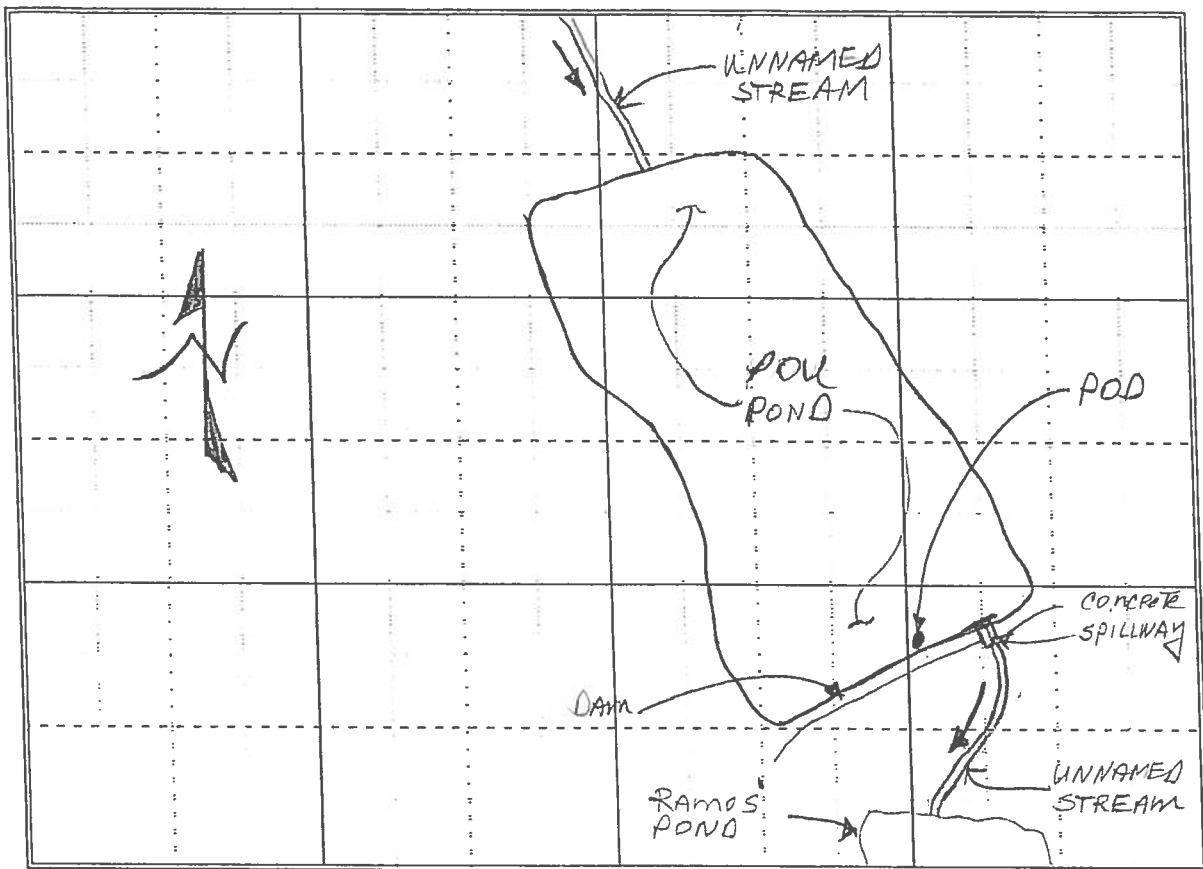
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3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe diameter (inside), as applicable. Use the space provided or ☐ see attached.



Scale: 1" = NTS

- ☐ Copy of USGS Quadrangle attached showing location(s) of point(s) of diversion and place(s) of use (required)  
☒ Aerial photo attached (required for irrigation of 10+ acres)  
☒ Photo of diversion and system attached

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## **FIELD EXAM PHOTOS**

Water Right Permit: 65-22915

Field Exam Date: 8-3-12

PLS: SE1/4, SW1/4 Section 34, T.18N, R.03E.

Field Examiner: RC



Place of Use: View northerly from the southwestern corner of the dam for the aesthetic and wildlife storage pond. The pond was constructed on an unnamed stream which discharges at the north end of the pond.



View westerly of storage pond spillway discharge control structure. Pond discharge is controlled by placement of boards in control structure.

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View southerly of aesthetic and wildlife storage pond concrete spillway. The two concrete spillway channels discharge water to a small section of the unnamed stream before discharging to the Ramos' storage pond to the south.