

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).

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 ft² (Cross-sectional Flow Area)

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 Fauntino 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.

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
Recommended Amount	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

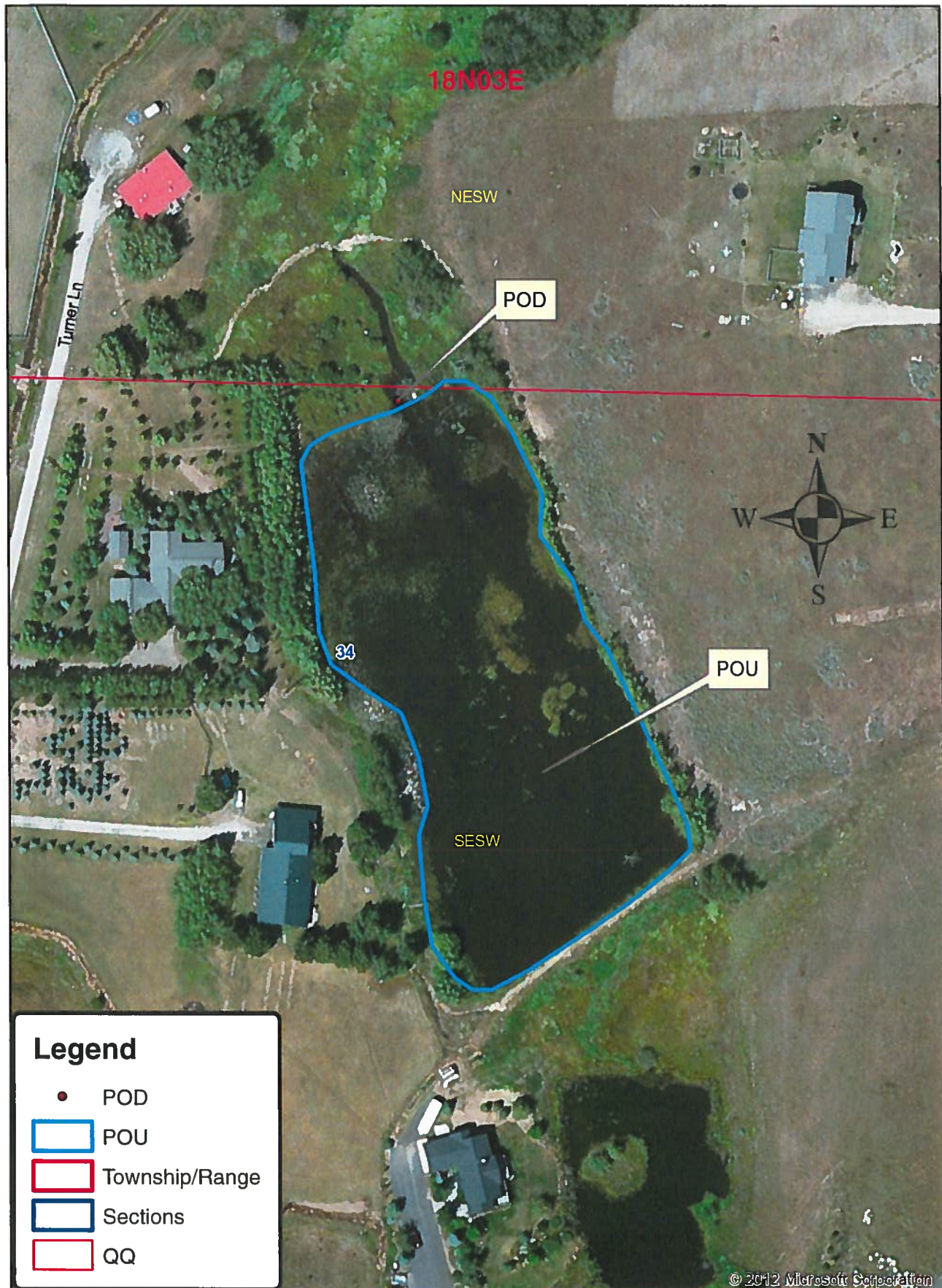
___ Change P.U. as reflected above ___ Add P.U. as reflected above ___ Other

I. AUTHENTICATION

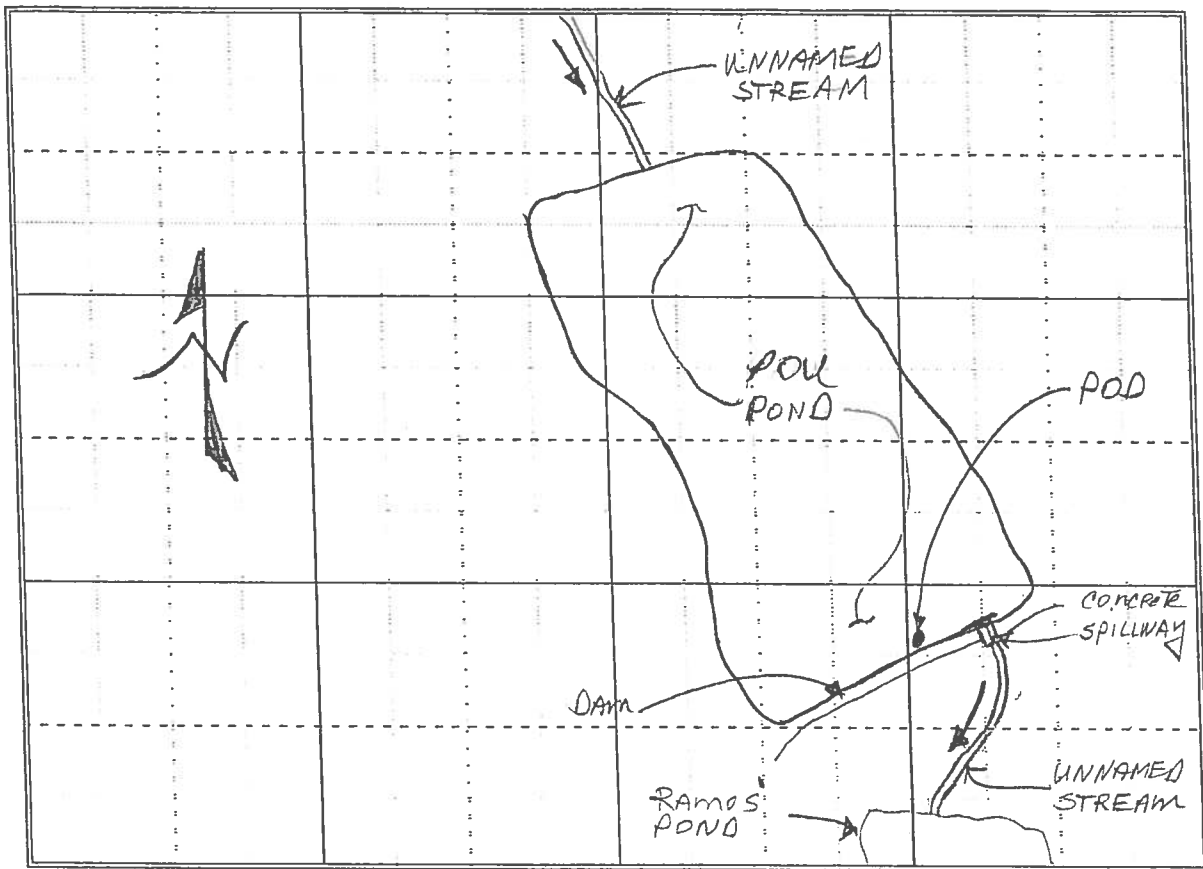
Field Examiner's Name *Rick Collingwood* Date 3/21/13

Reviewer _____ Date _____

65-22915



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

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.



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.