

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 65-22941

Exam Date: 8/3/2012

1. Current Owner: FAUSTINO RAMOS
PO BOX 1543
MCCALL ID 83638
(208)630-4161
2. Accompanied by: Faustino Ramos
Phone No: Same
Address: Same
Relationship to Permit Holder:

3. **SOURCE** **TRIBUTARY**
UNNAMED STREAM LAKE FORK

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 65-22805
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
			<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
18N	03E	34												X					

PLACE OF USE: WILDLIFE STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
18N	03E	34												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: Upstream Dam Spillway (2 channels).

$$Q = VA = 2 \times 0.54 \text{ ft}^2 \times 2 \text{ channels} = 2.16 \text{ cfs}$$

Spillway Channel Dimensions:

Flow Width = 1.42'/channel

Flow Depth = 0.38'

V = 2 ft/sec (Estimated)

Flow Area = 0.54 ft²**E. FLOW CALCULATIONS**☐ Additional Computation Sheets Attached

Measured Method: (Open Channel – Upstream Dam Spillway (2 channels))

$$Q = VA = 2 \times 0.54 \text{ ft}^2 \times 2 \text{ channels} = 2.16 \text{ cfs}$$

Spillway Channel Dimensions:

Flow Width = 1.42'/channel

Flow Depth = 0.38'

V = 2 ft/sec

Flow Area = 0.54 ft²

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/Wildlife Storage Pond)

$$V = \text{Area} \times \text{Depth} = 0.6 \text{ ac} \times 5' = 3.0 \text{ AFA}$$

$$V(\text{Permit}) = 3.0 \text{ AFA}$$

$$V(\text{Recommended}) = 3.0 \text{ AFA}$$

Pond Dimensions:

Surface Area = 0.6 ac.

Depth (average) = 5' (Estimated)

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

A 0.6 acre pond was constructed on an unnamed stream for aesthetic and wildlife storage. Approximately 100 feet north of the aesthetic and wildlife storage pond, a larger pond was constructed on the unnamed stream, Water Right Permit No. 65-22915. The concrete channel spillway from the upstream pond discharges to the south to the unnamed stream which discharges into the right holder's pond. The 0.6 acre aesthetic and wildlife storage pond has a 36" screened CMP overflow standpipe which controls the water surface level in the pond. The spillway for the right holder's aesthetic and wildlife storage pond is a 36" CMP pipe connected to the 36" screened CMP overflow standpipe. The spillway discharges to the unnamed stream.

OVERLAP (Place of Use):

Water Right Permit No. 65-22805 was issued for diversion from a domestic well for domestic use and aesthetic storage. The place of use is the same aesthetic and wildlife storage pond described in Water Right Permit No. 65-22941.

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

CONDITION NO.4 (01H) AND CONDITION NO.5 (18C) – Right holder shall install lockable and measuring devices prior to diversion of water. John Leedom, Watermaster for Water District 65K, submitted a letter requesting a waiver for the installation of a lockable headgate and measuring device. I contacted John to confirm his approval for waiving these requirements. Condition No.4 and Condition No.5 shall be modified to 'Upon notification of the Department', replacing 'Prior to diversion of water under this right'.

RATE &/OR STORAGE RECOMMENDED FOR LICENSING

Description	Rate of Flow (cfs)		Storage (af)
Permit Amount	N/A	&/or	3.0
Beneficial Use Limit	N/A	&/or	N/A
System Measurement	2.16 (spillway)	&/or	N/A
Proof Fee Amount	0.2	&/or	20
Recommended Amount	N/A	&/or	3.0

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	3.00 AF
WILDLIFE STORAGE	01/01 to 12/31	N/A	3.00 AF
<u>Totals:</u>		N/A	3.00 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

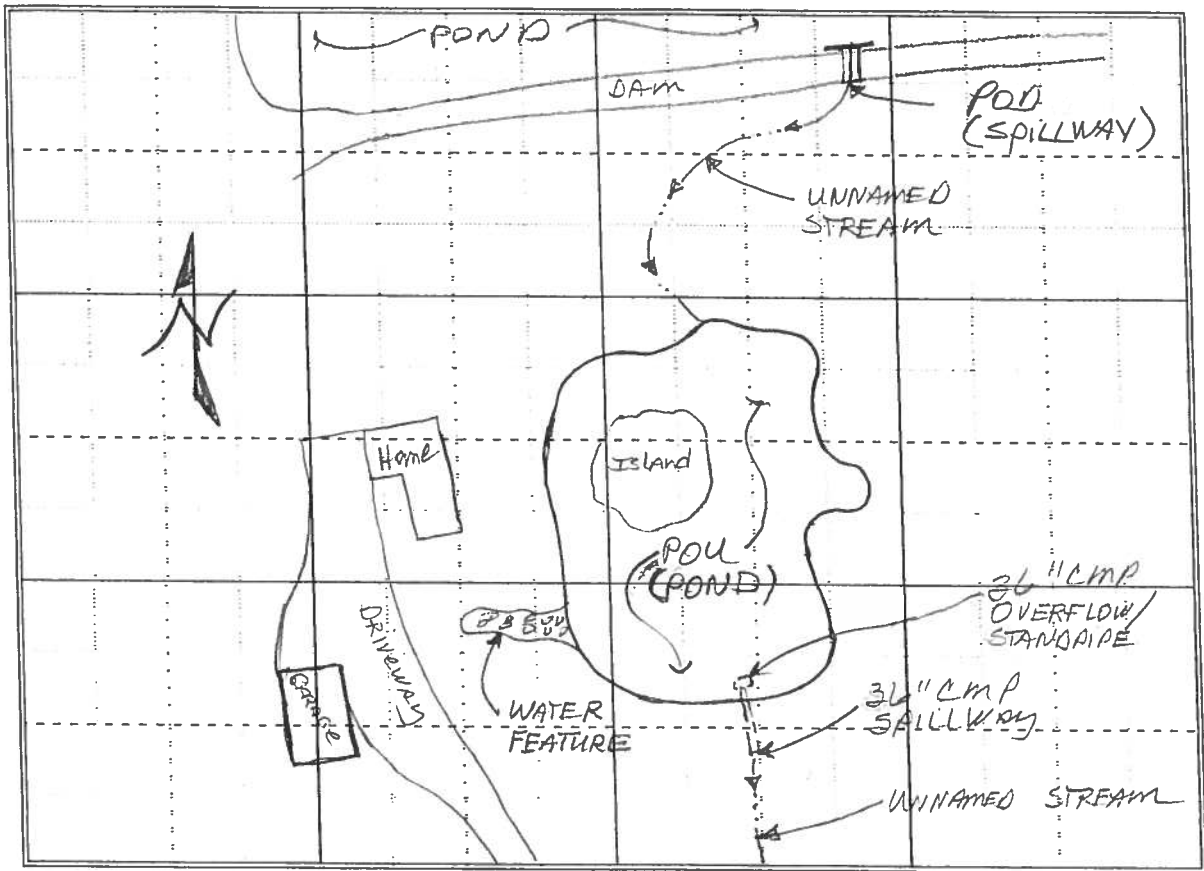
I. AUTHENTICATION

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

Reviewer _____ Date _____



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: 65-22941

Field Exam Date: 8-3-12

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

Field Examiner: RC



Point of Diversion: View southerly of spillway discharge to unnamed stream. The unnamed stream meanders to the south and discharges into the aesthetic and wildlife storage pond shown in background.



View northerly of 36" screened CMP overflow standpipe, which is located near the dam on the south end of the storage pond.



View easterly from the dam of the 36" CMP storage pond spillway. The storage pond overflow discharges downstream to the unnamed stream.