

A. GENERAL INFORMATION

Exam Date: 8/30/2012

- GOOSE CREEK

[illegible]

Method of Determination: Arc Map (Aerial Photo); Tax Lots.

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	N/A			N/A	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>
N/A						

2. Measurements: No field measurement. No inflow or outflow from storage pond during field exam.

E. FLOW CALCULATIONS

Measured Method: N/A

Additional Computation Sheets Attached

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)

Pond Surface Area (A) = 0.25 acre

Pond Average Depth (D) = 2'

$$V = AD = 0.25 \text{ acre} \times 2' = 0.50 \text{ AFA}$$

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

An unnamed stream, which runs north and south through the Long View Acres Subdivision, provides water to the right holder's aesthetic/wildlife storage pond. A dam was constructed from the excavated material from the deep portion of the storage pond. The dam is approximately 3' high and the maximum depth of the pond near the dam is between 4' and 5'.

The storage pond was constructed on the unnamed stream. The storage pond has a maximum surface area of approximately 0.25 acres. The maximum size of the storage pond is achieved during the spring runoff from the annual snow melt. Water flow is maintained through the storage pond by an opening in the dam at the location of the unnamed stream. A vertical log spillway structure was constructed in the opening to provide water retention in the storage pond. By late summer and early fall, the storage pond size is reduced to the excavated portion of the storage pond near the dam. During this time, there is no active flow in the unnamed stream. The water in the storage pond is likely from the high ground water table in this area.

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

RATE &/OR STORAGE RECOMMENDED FOR LICENSING

Description	Rate of Flow (cfs)		Storage (af)
Permit Amount	N/A	&/or	0.50
Beneficial Use Limit	N/A	&/or	N/A
System Measurement	N/A	&/or	0.50
Proof Fee Amount	N/A	&/or	20.0
Recommended Amount	N/A	&/or	0.50

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		0.50 AF
WILDLIFE STORAGE	01/01 to 12/31		0.50 AF
<u>Totals:</u>			0.50 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

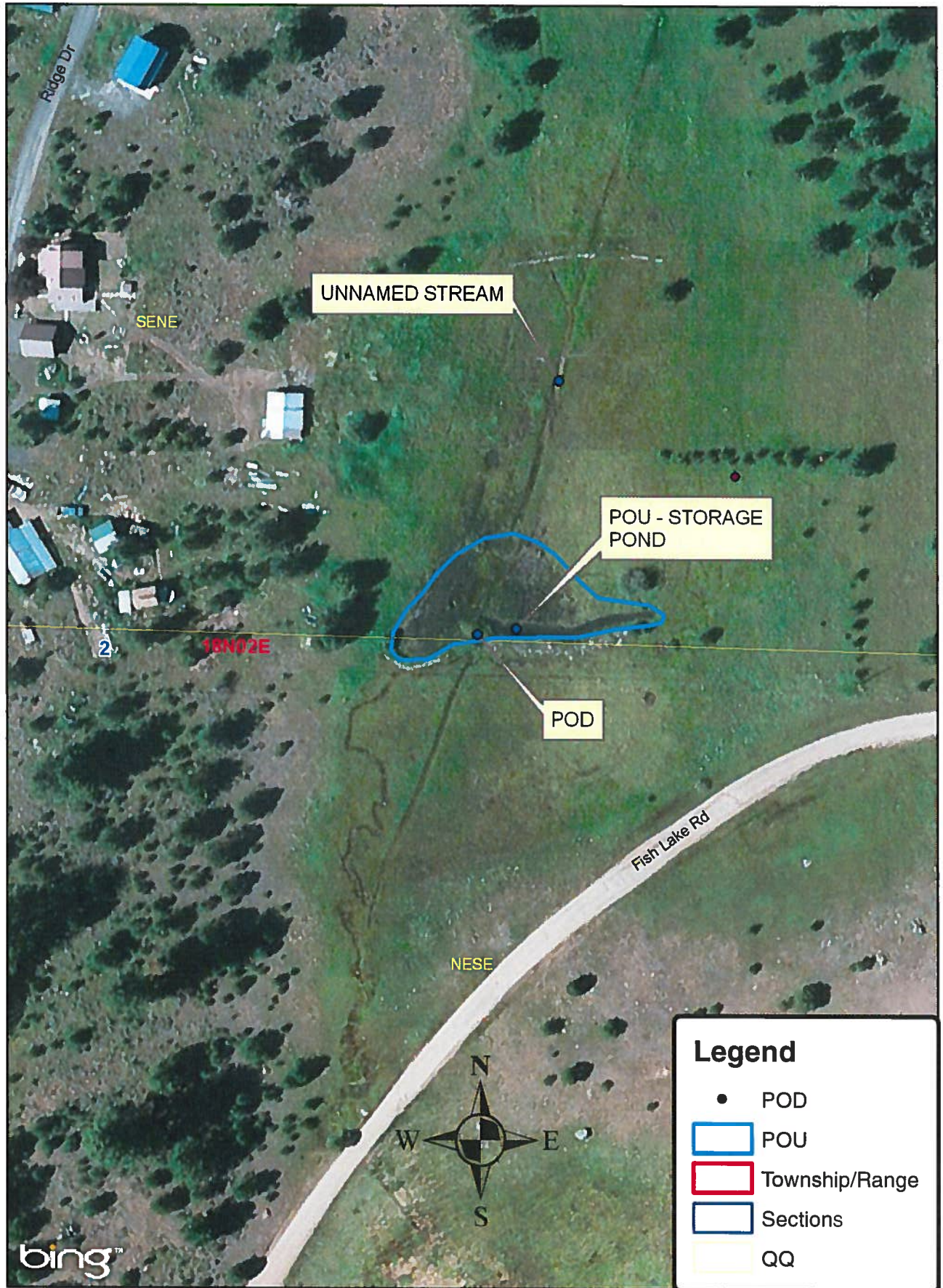
I. AUTHENTICATION

Field Examiner's Name Rick Collingwood Date 1/22/13

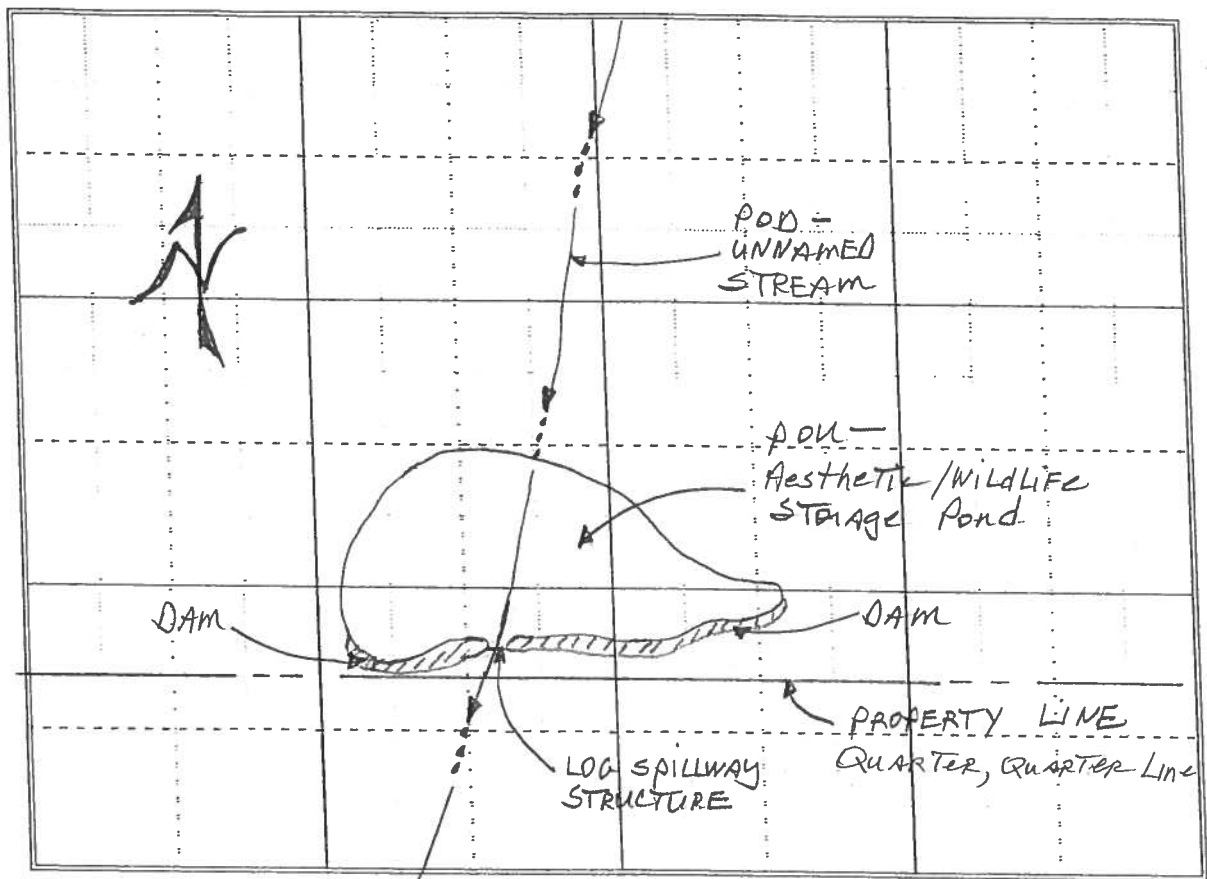
Reviewer _____ Date _____

78-12138

BING AERIAL PHOTO - 2011



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

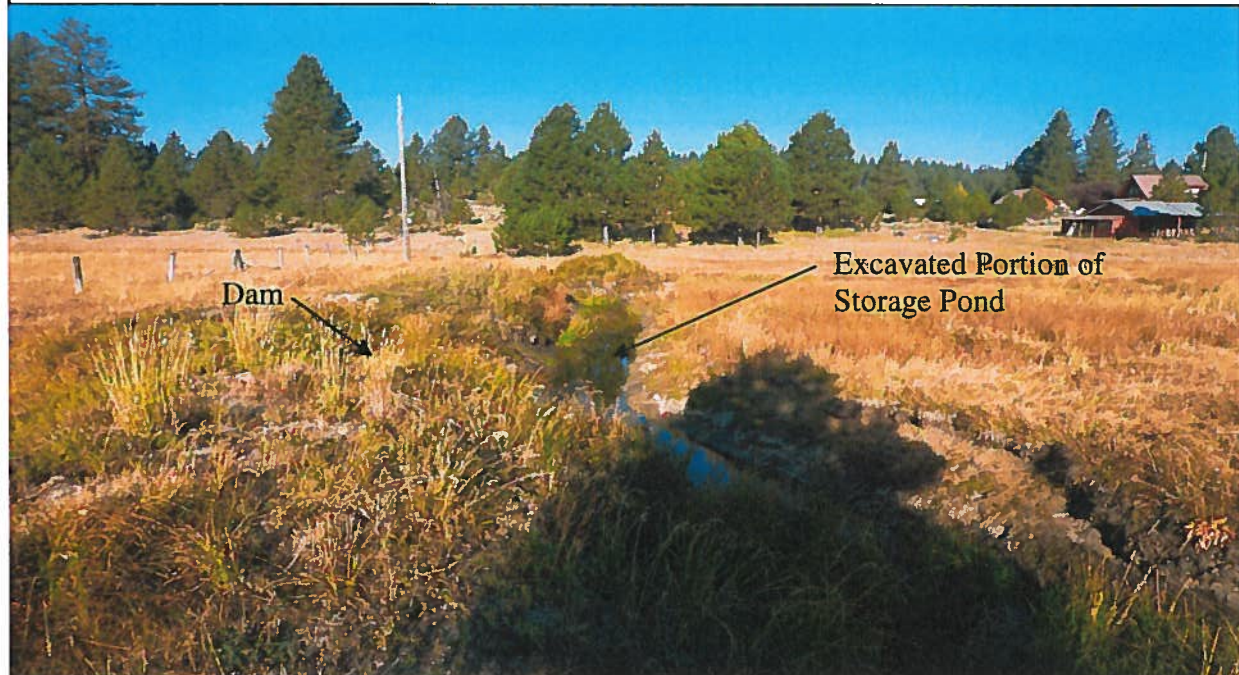
FIELD EXAM PHOTOS

Water Right Permit: 78-12138
PLS: SE1/4, NE1/4 Section 2, T.18N, R.02E.
Field Examiner: RC

Field Exam Date: 8-30-12



Point of Diversion: View southerly of unnamed stream which discharges to the aesthetic/wildlife storage pond. The dam for the storage pond is shown near the right holder's southerly property line.



Place of Use: View westerly of dam and excavated portion, southerly end, of storage pond. The excavated portion of the pond, which is between 4 and 5 feet deep, fills in the spring and floods a portion of the right holder's property.



View southerly of 'log' spillway for storage pond. Water discharges southerly through the vertical log sections to the unnamed stream.



State of Idaho

DEPARTMENT OF WATER RESOURCES

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C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Interim Director

August 6, 2012

Douglas Mastaler
3352 Ridge Road
McCall, ID 83638

RE: Scheduling Field Exam for Water Right Permit No. 78-12138

Dear Mr. Mastaler:

We are planning to **conduct water right field examinations** in the vicinity of the above-referenced permit **on August 29, 30, & 31, 2012**. An examination is needed to verify your water use in order to issue a water right license.

Please be advised that you will need to operate your system under normal operating conditions during the examination. The permit authorizes the diversion of surface water from an Unnamed Stream for 0.50 AF of aesthetic and wildlife storage.

In order to conduct your exam as efficiently as possible, we ask that you call this office to schedule a day and time convenient for you. **Please call me at 208-334-2190 by August 14, 2012, to conduct the exam on August 29, 30, or 31, 2012.** If there is a problem with scheduling or conducting the examination at this time, please let me know so we can reschedule or make other arrangements.

I appreciate your attention to this matter and I look forward to hearing from you.

Sincerely,

Rick Collingwood, P.E.
Water Resource Agent, Sr.