

[illegible]

Method of Determination:

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</u> <u>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</u> <u>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</u> <u>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. Spring is located in storage pond and pond was constructed with no spillway. No inlet or outlet in which to perform a flow measurement.

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: (Stock Water Storage)

$$A = 0.20 \text{ acre}$$

$$V = A \times D = 0.20 \text{ acre} \times 7' = 1.4 \text{ AFA} < 2.0 \text{ AFA (Permit)}$$

$$D_{\text{max}} = 7' \text{ (Max. Pond Depth)}$$

$$\text{Storage Volume} = 1.4 \text{ AFA}$$

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

A spring, which is assumed to be located within the 0.20 acre stock water storage pond, is the only source of water for the pond. The right holder's application for permit indicated a maximum pond depth of 7 feet. Based on the height of the dam, a maximum depth of 7 feet appears to be reasonable. A spillway was not constructed for the pond.

PLACE OF USE:

The stock water storage pond provides water for 40 head of cattle. Due to destruction of the access road to the property by a Goodrich Creek flood event in 2009, the right holder has been unable to transport the cattle to the property. Road repairs are scheduled to be completed this year.

RECOMMENDATION:

Due to the as-constructed size of the stock water storage pond as determined from the aerial photo, and the pond depth as indicated on the application for permit, the recommended pond volume shall be 1.4 AFA, not 2.0 AFA as requested on the permit.

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	2.0
Beneficial Use Limit	N/A	&/or	N/A
System Measurement	N/A	&/or	1.4
Proof Fee Amount	N/A	&/or	20.0
Recommended Amount	N/A	&/or	1.4

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
STOCKWATER STORAGE	01/01 to 12/31		1.40 AF
<u>Totals:</u>			1.40 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 11/29/12

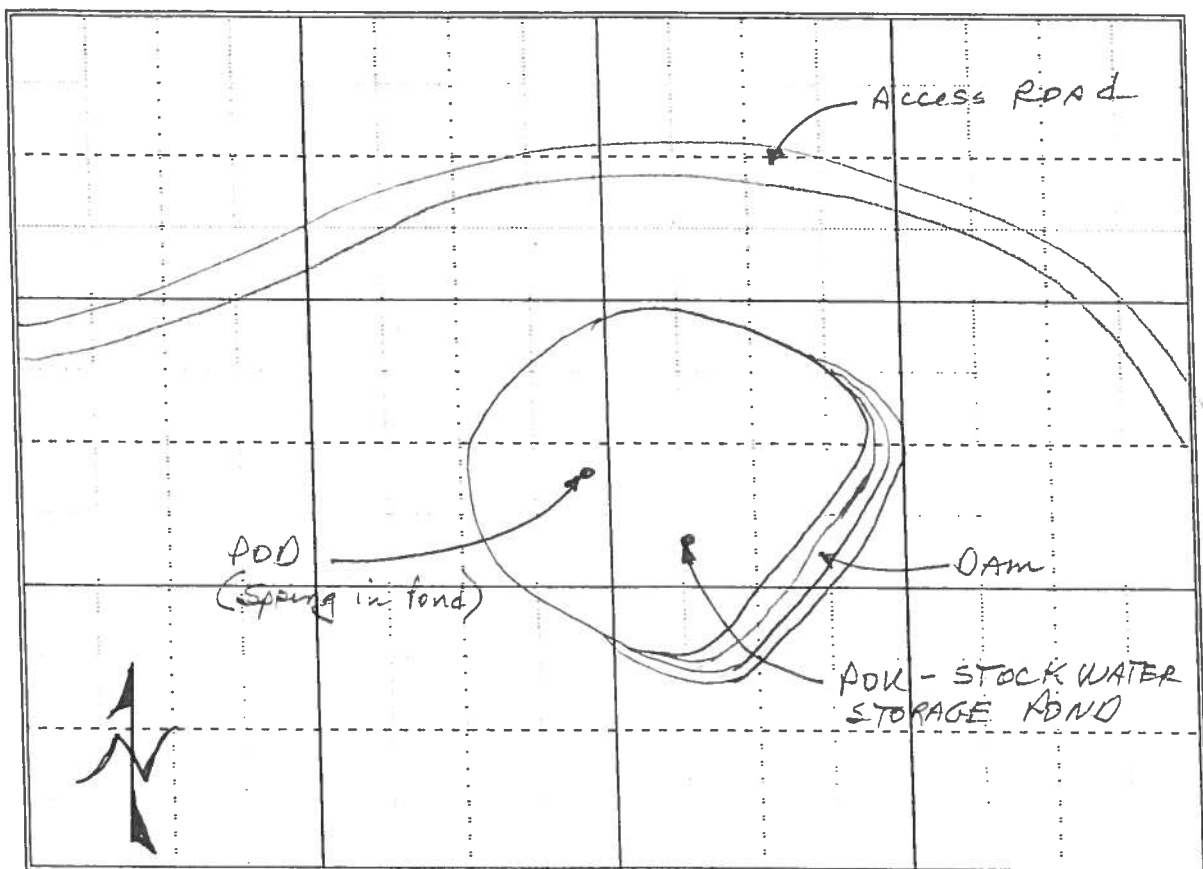
Reviewer _____ Date _____

67-14255

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



State of Idaho

DEPARTMENT OF WATER RESOURCES

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C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Interim Director

August 9, 2012

Clayton A. & E. Catherine Wilson
P.O. Box 117
Jordan Valley, OR 97910

RE: Scheduling Field Exam for Water Right Permit No. 67-14255

We are planning to **conduct water right field examinations** in the vicinity of the above-referenced permit **during the week of August 20, 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 from a spring for 2.00 AF of stock water storage for 40 head of cattle.

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 17, 2012, to conduct the exam during the week of August 20, 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,

A handwritten signature in black ink, reading "Rick Collingwood". The signature is written in a cursive, flowing style.

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