

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 63-12485

Exam Date: 4/26/2013

1. Current Owner: MICHAEL H KLING
13070 HORSESHOE BEND RD
BOISE ID 83714-9647
(208)939-6913

And/Or

RUTH E KLING
13070 HORSESHOE BEND RD
BOISE ID 83714-9647
(208)939-6913

2. Accompanied by: Michael Kling
Phone No: Same
Address: Same
Relationship to Permit Holder:

3. SOURCE

SPRING

TRIBUTARY

SINKS

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 63-31366
2. Other water rights with the same point of diversion: 63-31366

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

SPRING

NE1/4SE1/4SE1/4

Sec. 34, Twp 05N, Rge 01E, B.M.

ADA County

Method of Determination: Arc Map (Aerial Photo)

2.

PLACE OF USE: STOCKWATER STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
05N 01E 34	<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>	X

PLACE OF USE: WILDLIFE STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
05N 01E 34	<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>	X

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	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 beneficial use diversion rate for permit.

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 and Wildlife Storage.

Estimated Pond Dimensions: 40' x 40' x 3' = 4,800 ft³ = 0.11 AF > 0.10 AF (permit)

Recommended Volume of 0.10 AF

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

A spring, which is located on the westerly neighbor's property, discharges water to an approximate 40' x 40' x 3' excavated stock water and wildlife storage pond. Spring water leaches through the southerly end of the storage pond. No spring box or conveyance piping was installed by the right holder to collect and discharge the spring water to the storage pond.

STOCK WATER & WILDLIFE STORAGE POND:

The water that is collected in the storage pond provides drinking water for two horses and miscellaneous wildlife in the area.

OVERLAP ANALYSIS:

Point of Diversion and Place of Use: Water Right Permit No. 63-12485 and Water Right 63-31366, which is owned by the right holder, have the same point of diversion (spring) and place of use (storage pond).

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	0.10
Beneficial Use Limit	N/A	&/or	N/A
System Measurement	N/A	&/or	0.11(Estimated)
Proof Fee Amount	N/A	&/or	20.00
Recommended Amount	N/A	&/or	0.10

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	N/A	0.10 AF
WILDLIFE STORAGE	01/01 to 12/31	N/A	0.10 AF
<u>Totals:</u>		N/A	0.10 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

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

I. AUTHENTICATION

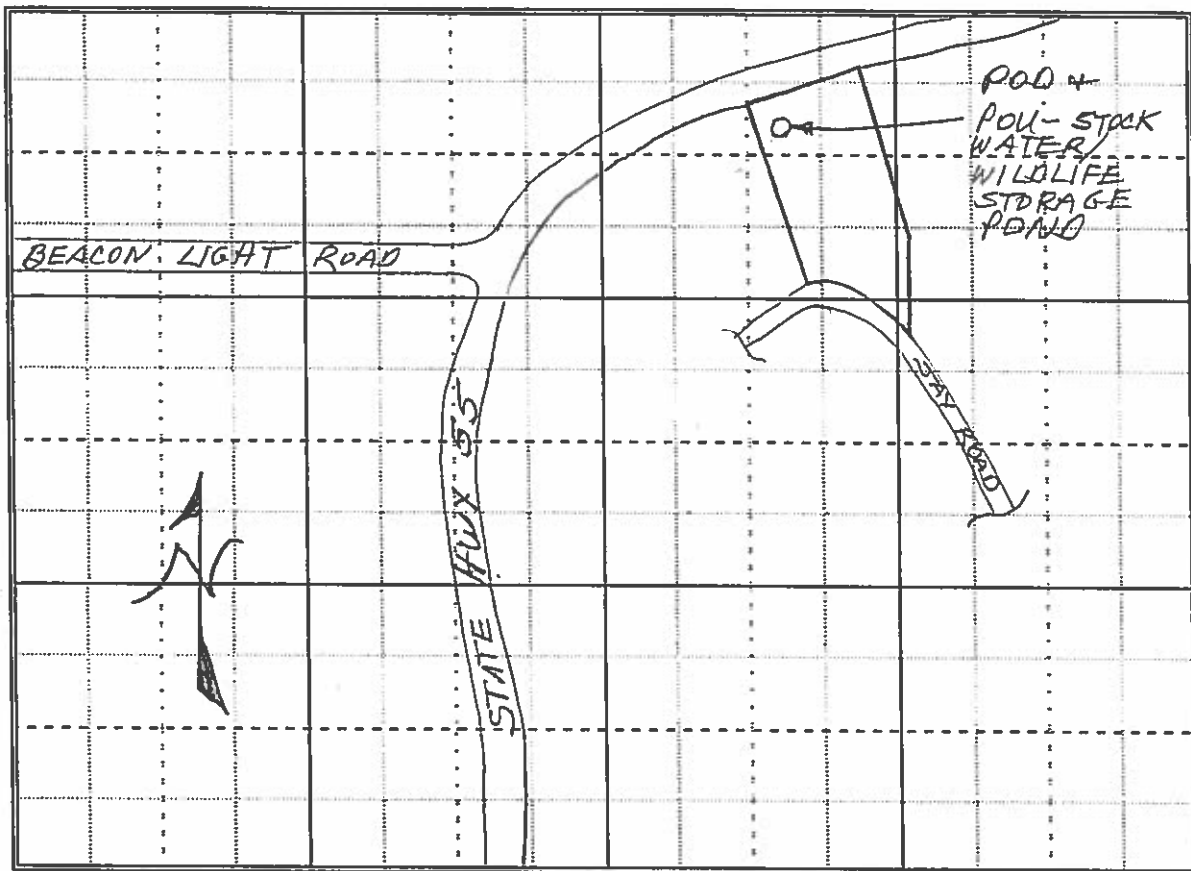
Field Examiner's Name Rick Collingwood Date 6/27/13
 Reviewer _____ Date _____

63-12485

ESRI AERIAL PHOTO - 2012



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

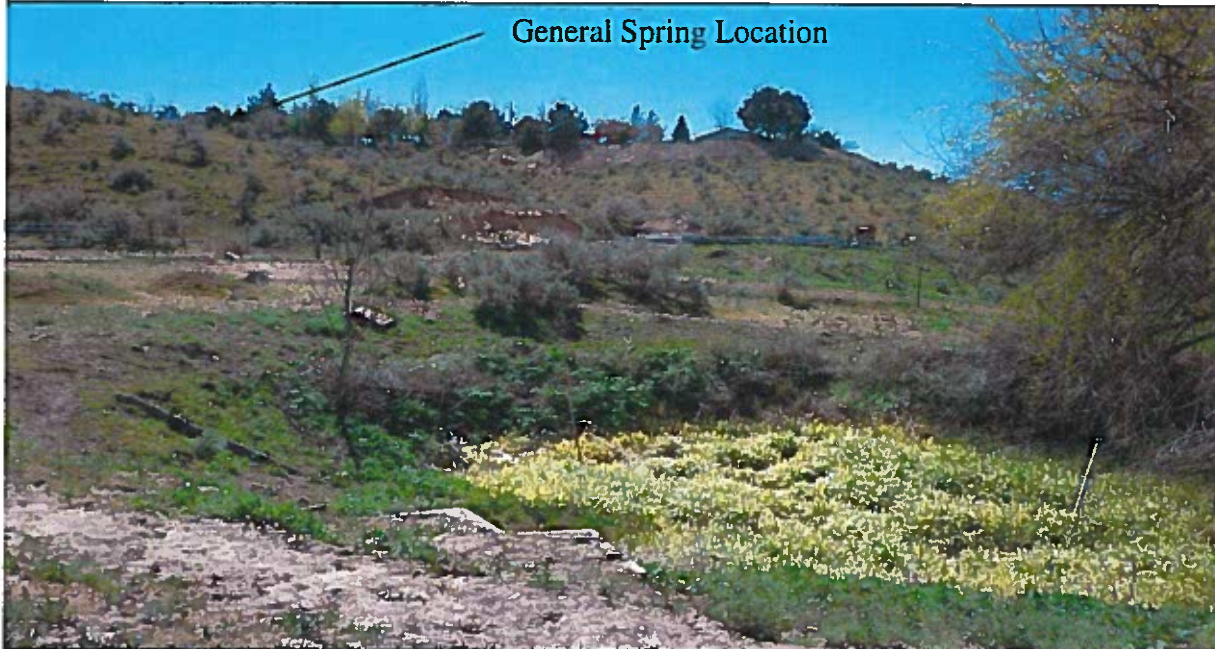
FIELD EXAM PHOTOS

Water Right Permit: 63-12485

Field Exam Date: 4-26-13

PLS: SE1/4, SE1/4 Section 34, T.5N, R.01E.

Field Examiner: RC



Point of Diversion & Place of Use: View southwesterly of the stock water and wildlife storage pond. The spring is located on the neighbor's property near the hilltop in the background. The spring water subs through the south bank of the storage pond.



Place of Use: View southwesterly of the stock water and wildlife storage pond. The right holder's two horses are shown near the storage pond.



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way • Boise, Idaho 83705-5082

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C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Interim Director

March 27, 2013

Michael H. & Ruth E. Kling
13070 Horseshoe Bend Road
Boise, ID 83714-9647

RE: Scheduling Field Exam for Water Right Permit No. 63-12485

We are planning to **conduct water right field examinations** in the vicinity of the above-referenced permit **during the week of April 8, 2013**. 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 spring water for 0.10 AF of stock water 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 April 5, 2013, to conduct the exam during the week of April 8, 2013.** 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 that reads "Rick Collingwood". The signature is written in a cursive, flowing style.

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