

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 79-13991

Exam Date: 8/22/2012

1. Current Owner: SPENCER RANCH INC
C/O CRAIG SPENCER
1627 MOUNTAIN VIEW ROAD
GRANGEVILLE ID 83530
(208) 983-2254
2. Accompanied by: (Exam completed without right holder)
Phone No: Same
Address: Same
Relationship to Permit Holder:

3. SOURCE

UNNAMED STREAM

TRIBUTARY

SALMON RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 79-10061
2. Other water rights with the same point of diversion: 79-10061

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

UNNAMED STREAM
IDAHO County

PC NW 1/4 SE 1/4 SW 1/4
2/8/13

Sec. 18, Twp 29N, Rge 02E, B.M.

Method of Determination: Arc Map (Aerial Photo)

2.

PLACE OF USE: FIRE PROTECTION STORAGE

Tw	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
29N	02E	18												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	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 active flow into or out of the pond.

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: (Storage Pond)

Average Pond Depth (D) = 5' (Estimated based on dam height (9') and overflow pipe location (3.5' below top of dam))

Pond Surface Area (A) = 0.40 AF

$$V = AD = 0.40 \text{ AF} \times 5' = 2.0 \text{ AF}$$

G. NARRATIVE/REMARKS/COMMENTS**FIRE PROTECTION STORAGE POND:**

A 0.40 acre storage pond, with a 9' high dam, was constructed on an unnamed stream to provide water for fire suppression. This same storage pond, Decreed Water Right No. 79-10061, is also used for stock water for 100 head of cattle. An unnamed stream, which conveys water from spring snow melt and springs upstream of the storage pond, discharges to the southerly end of the storage pond. The pond water surface level is regulated by a 24" diameter CMP culvert overflow pipe, which is located 3.5' below the top of the dam.

OVERLAP ANALYSIS:**Point of Diversion:**

Decreed Water Right No. 79-10061 has eight (8) different points of diversion. One of the points of diversion, located in the SW ¼ of the SE ¼ of the SW ¼, Section 18, is the same point of diversion as Water Right Permit No. 79-13991.

Place of Use:

Decreed Water Right No. 79-10061 has eight (8) different places of use. One of the places of use, located in the SE ¼ of the SW ¼, Section 18, is the same place of use as Water Right Permit No. 79-13991.

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	3.0
Beneficial Use Limit	N/A	&/or	N/A
System Measurement	N/A	&/or	2.0
Proof Fee Amount	N/A	&/or	20.0
Recommended Amount	N/A	&/or	2.0

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
FIRE PROTECTION STORAGE	01/01 to 12/31	N/A	2.0 AF
<u>Totals:</u>			2.0 AF

2. Recommended Amendments

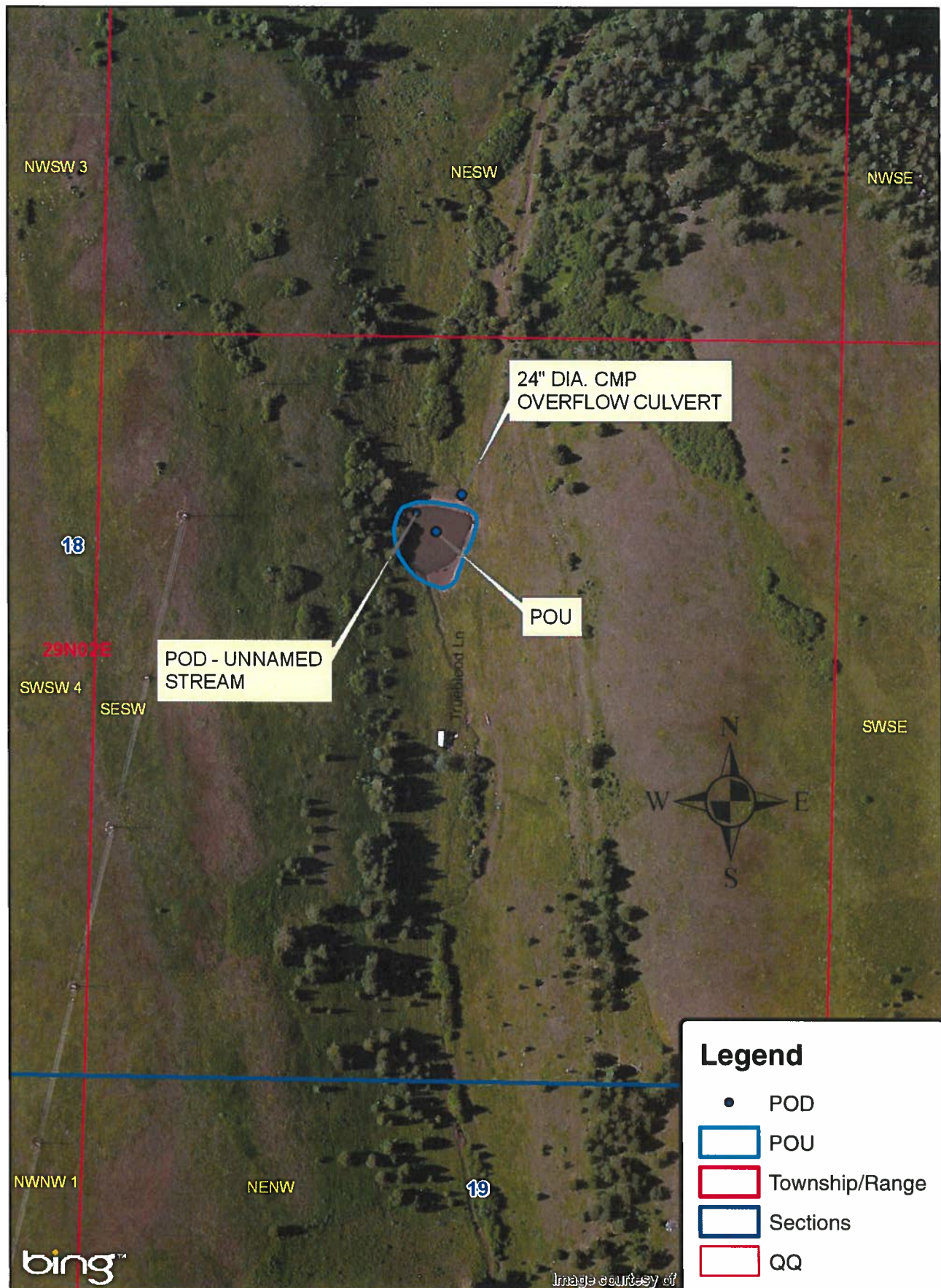
☒ Change P.D. as reflected above
 ☐ Add P.D. as reflected above
 ☐ None
☐ Change P.U. as reflected above
 ☐ Add P.U. as reflected above
 ☐ Other

I. AUTHENTICATION

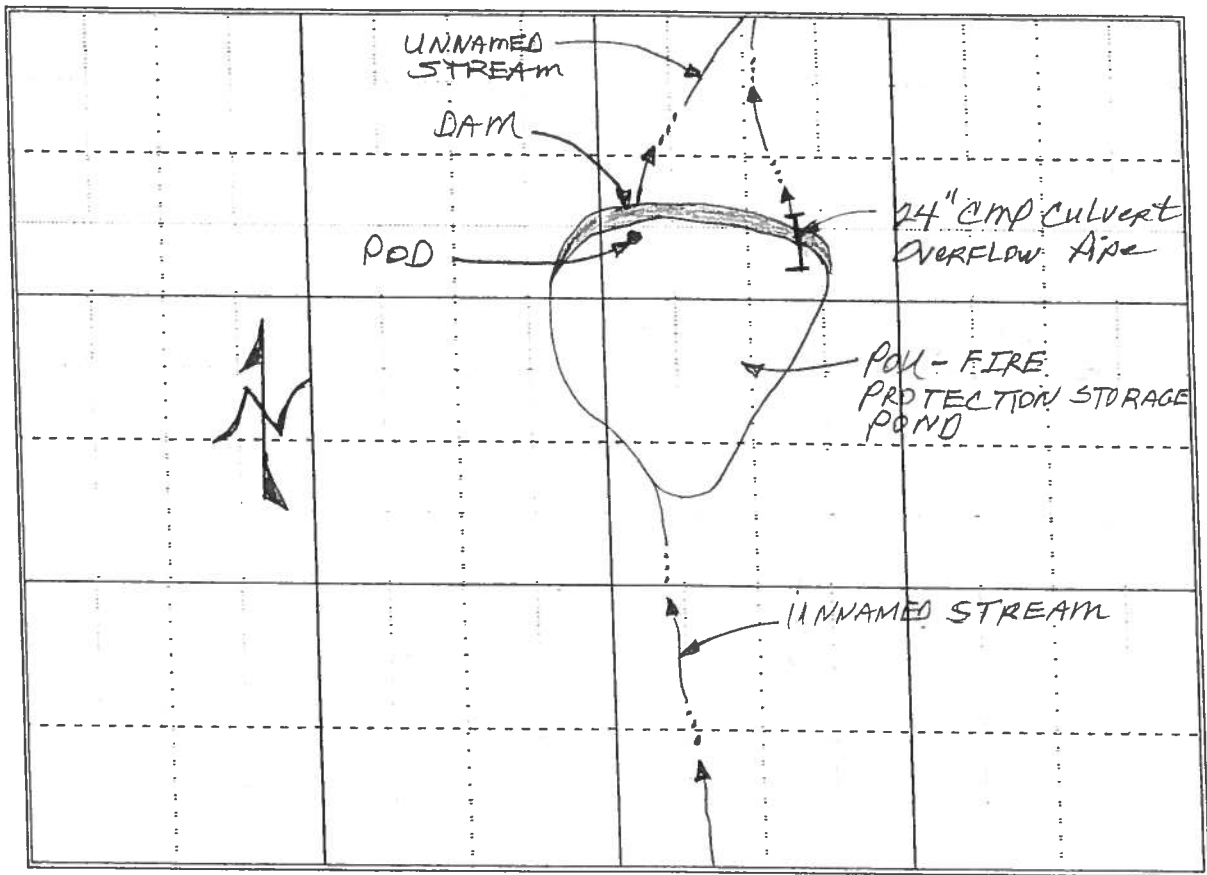
Field Examiner's Name Rick Collingwood Date 2/8/13
 Reviewer _____ Date _____

79-13991

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: 79-13991
PLS: SE1/4, SW1/4 Section 18, T.29N, R.02E.
Field Examiner: RC

Field Exam Date: 8-22-12



Point of Diversion/Place of Use: View westerly of fire protection storage pond constructed on an unnamed stream. The unnamed stream conveys water from snow melt and springs located upstream of the pond.



Place of Use: View southwesterly from top of dam of the fire protection storage pond. The water level of the pond is controlled by a 24" diameter CMP overflow culvert pipe



Place of Use: View southwesterly of the dam and the 24" diameter CMP culvert overflow pipe.



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

August 6, 2012

Spencer Ranch, Inc.
C/O Carmelita Spencer
Rt. 2 Box 500
Grangeville, ID 83530

RE: Scheduling Field Exam for Water Right Permit No. 79-13991

Dear Ms. Spencer:

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 3.00 AF of fire storage 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,

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.