

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 71-10928

Exam Date: 8/18/2015

1. Current Owner: ROBERT B HAYES
HC 64 BOX 9952
STANLEY ID 83278
(208)774-2267

And/Or

DONNA-MARIE HAYES
HC 64 BOX 9952
STANLEY ID 83278
(208)774-2267

2. Accompanied by: Robert B & Donna-Marie Hayes

3. SOURCE
FISHER CREEK

TRIBUTARY
SALMON RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: Decreed domestic groundwater right 71-10146 for domestic and stock water use associated with the home on the property.
2. Other water rights with the same point of diversion: None

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

FISHER CREEK NW1/4SW1/4
CUSTER County

Sec. 3, Twp 08N, Rge 14E, B.M.

Method of Determination: Aerial photography and site visit

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
08N	14E	3											X						

Method of Determination: Aerial photography and site visit

D. FLOW MEASUREMENTS

Not required for permits with irrigation of less than five (5) acres or permits with the total combined diversion rate for all the uses established in connection with the permit not exceeding twenty-four one hundredths (0.24) cubic feet per second per new Beneficial Use Examination Rules implemented 3/29/2012. However, during the exam, Mr. and Mrs. Hayes separated the line leading to the sprinkler system so that flow to the sprinkler could be measured. Flow was measured with a five gallon bucket and stopwatch. The five gallon bucket filled in approximately six seconds which equates to a flow of approximately 50 gallons per minute or 0.11 cfs. Recommend the permitted diversion rate of 0.02 cfs.

E. FLOW CALCULATIONS

Measured Method:

(5 gallons/ 6 seconds) (60 seconds/ minute) = 50 gallons per minute (1.0 cfs/448.83 gallons per minute) = 0.11 cfs

F. VOLUME CALCULATIONS

Not required for 42-111 type domestic uses per new Beneficial Use Examination Rules implemented 3/29/2012.

G. NARRATIVE/REMARKS/COMMENTS

Application for Permit 71-10928 was filed on July 9, 2009 for the diversion of 0.02 cfs from Fisher Creek for domestic use (up to ½ acre of irrigation associated with a home) on property located southeast of Stanley. Permit 71-10928 was approved on August 4, 2010 with a Proof of Beneficial Use due date of September 1, 2011. Proof of Beneficial Use was filed on July 6, 2011. On August 18, 2015, I met Robert B & Donna-Marie Hayes, the permit holders, at the site and conducted the licensing exam for permit 71-10928.

The system consists of a pump that diverts water to a 1.5 inch diameter hose that provides water to a single sprinkler that is moved around in a pasture at the front (north) end of the property. The pump is a portable Honda WH20X pump. No serial number or other identification could be found on the pump. Research on the internet indicates that the pump has a capacity of 134 gallons per minute. During the exam, Mr. and Mrs. Hayes separated the line leading to the sprinkler system so that flow to the sprinkler could be measured. Flow was measured with a five gallon bucket and stopwatch. The five gallon bucket filled in approximately six seconds which equates to a flow of approximately 50 gallons per minute or 0.11 cfs. Recommend the permitted diversion rate of 0.02 cfs. During the exam, it was noted that there is a home on the property and that the total irrigated area on the property did not appear to exceed ½ acre. Mr. Hayes indicated that the suction line in the creek leading to the pump was screened with wire mesh (in compliance with fish screening condition on permit).

One item of note relating to the licensing of 71-10928 is the fact that permit 71-10928 was permitted with conditions indicating it was located within water district 71 (subdistrict of 170) and that in the future the right holder may have to install lockable works. When water district 170 was created, domestic and stock water rights as defined by 42-111 Idaho Code were specifically excluded from the water district. Therefore, it is recommended that license 71-10928 be issued without water district conditions.

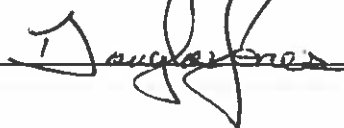
Have conditions of permit approval been met? ☒ Yes ☐ No**H. RECOMMENDATIONS****1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	05/01 to 10/31	0.020 CFS	N/A
<u>Totals:</u>		0.020 CFS	N/A

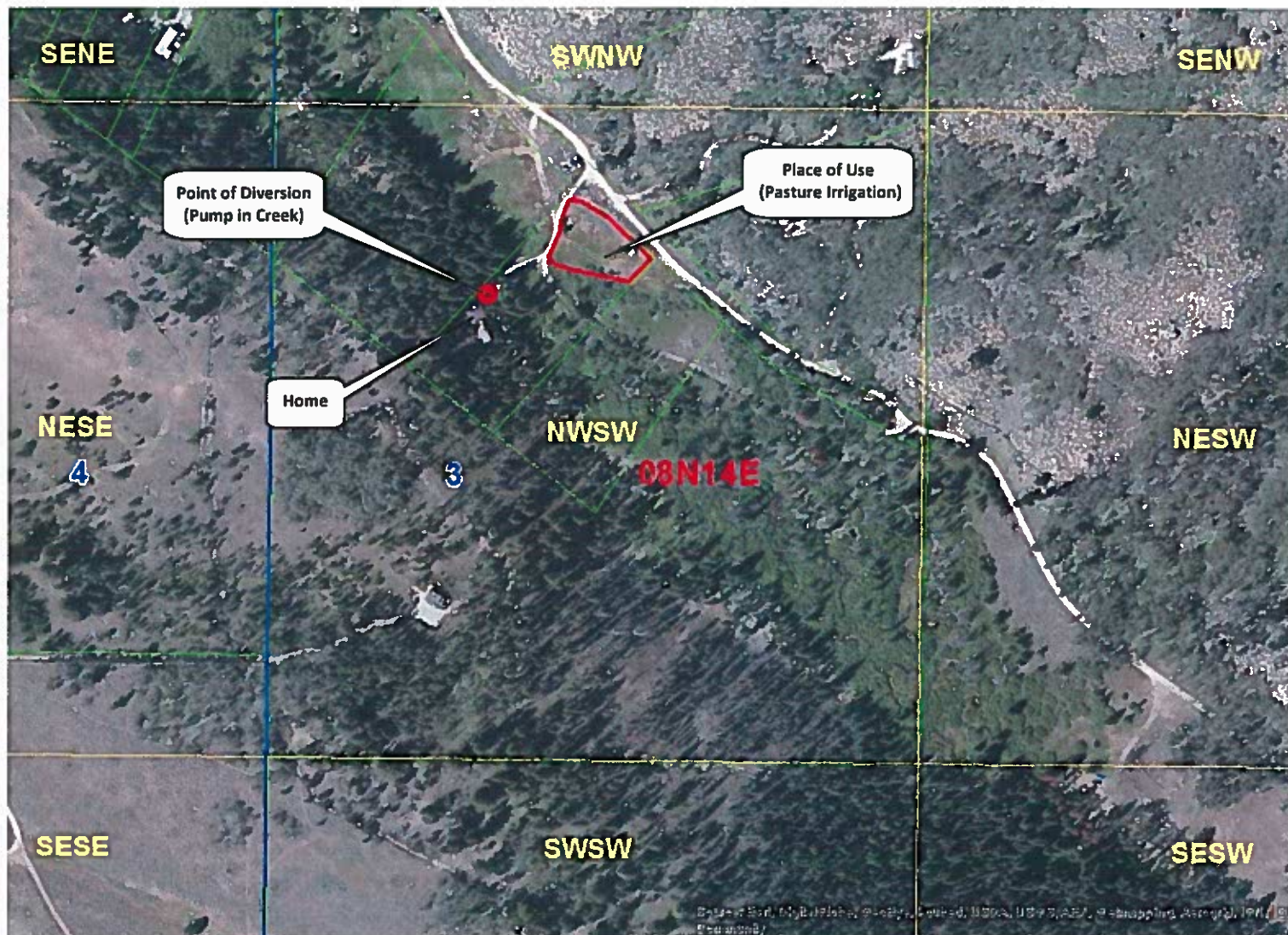
2. Recommended Amendments

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

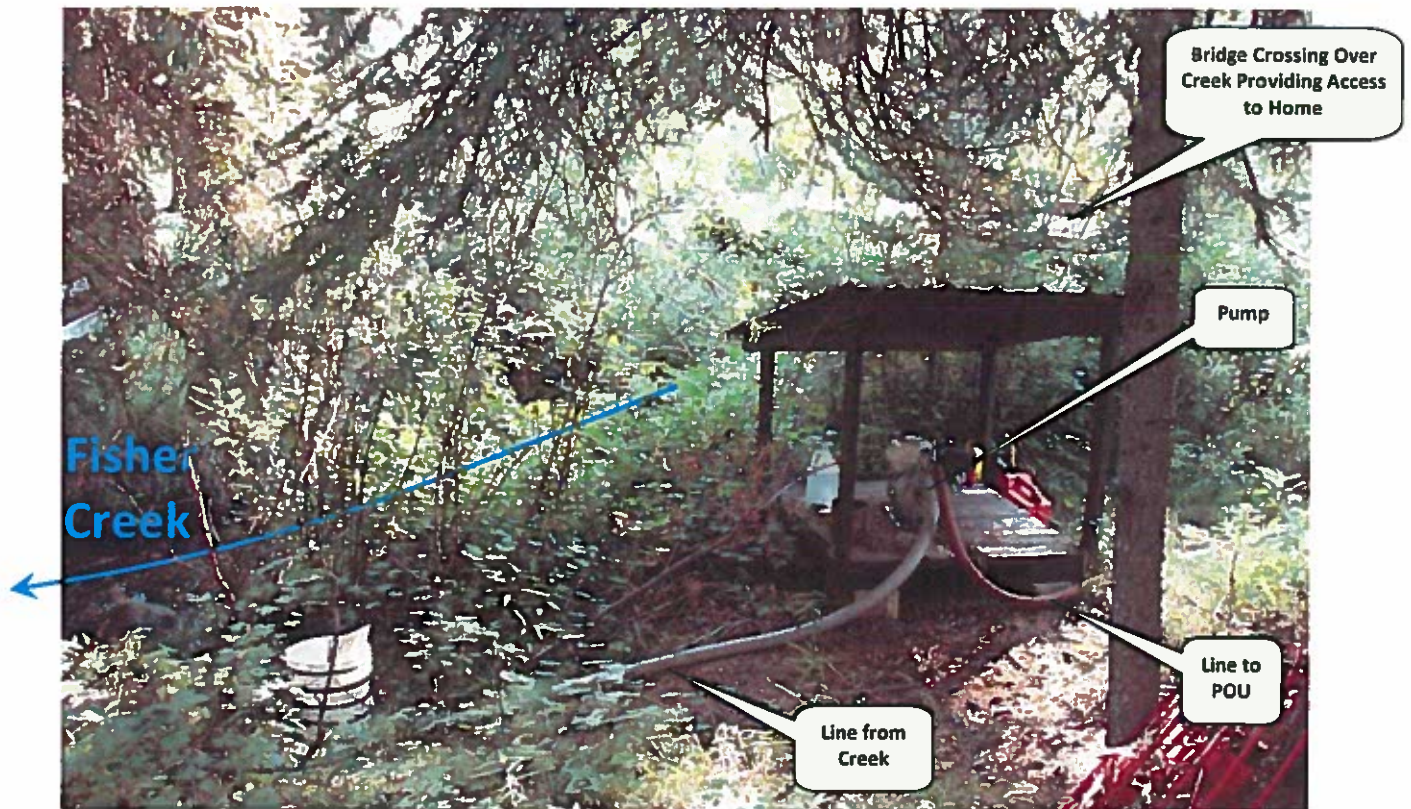
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATIONField Examiner's Name  Date 9/21/2015Reviewer  Date 10/6/15

71-10928 Point of Diversion and Place of Use Map



71-10928 Point of Diversion Photos



ABOVE: View of point of diversion (pump and line diverting water from Fisher Creek).

BELOW: Close up view of pump shown in view above.



71-10928 Place of Use Photos



ABOVE: View of location where Mr. and Mrs. Hayes separated the line leading to the sprinkler system so that flow to the sprinkler could be measured. Flow was measured at approximately 50 gpm.

BELOW: View of place of use with the sprinkler system in operation.

