

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 2-7199E

Exam Date: 3-27-2012

1. Current Owner: EARL G FOX
10978 HWY 78
MELBA ID 83641-4124
(208)896-4217
Or
DONNA R FOX
10978 HWY 78
MELBA ID 83641
2. Accompanied by: Arthur Pollock
Phone No: 208-896-4712
Address: PO Box 602
Relationship to Permit Holder: Present owner
3. SOURCE TRIBUTARY
SNAKE RIVER COLUMBIA RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 57-10076 domestic GW right
2. Other water rights with the same point of diversion: NONE

C. DIVERSION AND DELIVERY SYSTEM

The system is a 2HP pump in the Snake River delivering water to the POU through a buried irrigation system and utilizing plastic sprinklers. There are 14 sprinklers per set and there are 2 sets total on the sprinkler system. There is a hydrant available that is used to irrigate trees in the northeast portion of the POU.

1. LOCATION OF POINT(S) OF DIVERSION:

SNAKE RIVER L3 NW1/4SW1/4 Sec. 14, Twp 02N, Rge 04W, B.M.
OWYHEE County

Method of Determination:

2. PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
02N	04W	14	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
													1.0						1.0
													L 3						

Total Acres: 1

Method of Determination: Arc Map shape.

3. N/A Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
X Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
X Aerial Photo Attached (required for irrigation of 10+ acres).
N/A Photo of Diversion and System Attached

4. Well or Diversion Pump Serial No. or Discharge ID No.*Motor Make Hp Motor Serial No. Pump Make Size

_____ 2 _____ unk _____

D. FLOW MEASUREMENTS

1.

Measurement

<u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
------------------	-------------	-------------	------------------	-------------------	-------------	--------------------

Theoretical calculation

2. Measurements:

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

F. VOLUME CALCULATIONS

$$\frac{(2) \text{Hp} * 8.8 * 0.7}{(40) \text{PSI} * 2.3 + 10 \text{ ft}} = 0.12 \text{ cfs}$$

1. Volume Calculations for Irrigation: *N/A*

$$V_{\text{I.R.}} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{\text{D.R.}} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{\text{I.R.}} \text{ and } V_{\text{D.R.}} =$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS *in-house Review*

02-7199 was split multiple times through assignment of permits. Through that process some miscommunication occurred. This permits history includes an apparent loss of an assignment of permit submitted in 1981 for 4 acres for Fox. In 1985 a second assignment and a copy of the 1981 assignment was submitted to the department whereupon the department reinstated 02-7199E.

In 1986 Fox submitted 2 assignments of permit for 02-7199E but the assignments did not include addresses for the assignees. They were returned and no follow-up occurred. One assignment described 1.33 ac being assigned to Pollock Jr.

In 1987 the department sent out an exam fee notice to Fox for 02-7199E. No response therefore the permit was lapsed.

In 1988 Pollock filed an adjudication claim for his portion of 02-7199E. Pollock was notified that the field examination fee had not been paid. Ultimately Pollock submitted the examination fee and the department reinstated 02-7199E and reasoned that the Pollocks had no fault regarding the missed fee and reinstated the permit with no advance in priority date and that it should represent 0.03 cfs for 1.33 acres of irrigation.

02-7199E was ultimately decreed as a permit for 0.08 cfs and 4 acres of irrigation although Pollock only owns 1.33 acres.

I found the following by reviewing ArcMap and a phone conversation with ^MPr. Pollock on 3-27-2012;

1. 1 acre of irrigation (via ArcMap)
2. System capacity, and fees paid rate both exceed 0.03 cfs
3. License rate should be limited to the legal limit of 1 ac * 0.03 cfs/ac = 0.03 cfs

No clear assignment has been received by the department, therefore the permit should be licensed in the name of Fox and upon completion of the process a change of ownership can complete the process.

The POD shown on the permit is associated with the pre split location. Pollock developed a POD on his property for his use.

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>
IRRIGATION	03/01 to 11/15	0.030 CFS	

Totals: 0.030 CFS

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 Kelly K. Christensen Date 4-2-2012

Reviewer _____ Date _____

Permit # 2-7199E

Exam date 3-27-2012

Agent KKC

FIELD EXAM MAP

Aerial photo date 2011

Twp Rng Sec QQ
2N 04W 14 Gvt Lt 3



FIELD EXAM CONVERSATION MEMO SURFACE WATER SYSTEM

PERMIT # 2-7199E STAFF KKC DATE 3-19-12

Permit Owner	Proof Contact	Tax lot Ownership	Comments
<u>EARL</u>			
<u>Donna Fox</u>	<u>same as proof</u>	<u>same as present owner</u>	
<u>10978 Hwy 28</u>	<u>Present owner</u>		
<u>Melba ID-83641</u>			
<u>Present Owner</u>			
<u>Arthur or Dulcie</u>			
<u>Pollock Jr</u>			
<u>P.O. Box 602</u>			
<u>Marsing ID 83639</u>			
<u>208-896-4712</u>			

APPOINTMENT DATE/TIME/PLACE _____

ANY APPARENT DISCREPANCIES BETWEEN PERMIT AND CURRENTLY AVAILABLE INFO?

(E.G. POU and/or POD mismatch when viewing ArcMap)

Proof submitted 10-17-2005? Non-use not an issue

Permit Decease 6-15-2009

Claim Filed 11-30-1988 for 0.08 cfs and 2 ac

owned property is 1.33 ac total on property home, shop, Drive, & misc small out buildings.

Phone conversation 3-27-12 discussed irr system and letter sent to Arthur (3-23-12 letter)

SYSTEM INFO: Source Snake River

Surface Water Ditch System.	
Application method <u>sprinkler</u>	
Measurement device type <u>N/A</u>	
Surface Water Pump System.	
Approx HP <u>2HP per owner</u>	Permit Rate = <u>0.08.03</u>
Approx type/number sprinklers used/ Pressure	Proof Pd (\$) (max cfs) = <u>0.20</u>
<u>14 sprinklers Per set 2 sets total</u>	Found POU acres <u>1</u> * 0.02 cfs/ac = <u>0.03</u>
<u>1 hydrant for flooding a few trees</u>	Delivery system specifications: <u>03</u>

sprinkler system is buried & they use plastic sprinklers the dog has a tendency to chew them up. Pressure unknown sprinkler type unk.

assuming 3 GPM per sprinkler - $14 \times 3 / 448.8 = 0.09 \text{ cfs}$.

Memo to File 10-27-05 by Kweiker describes an assignment for Pollock for 0.03 cfs & 1.33 ac. never formally submitted to the Dept.