

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW/BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATIONPermit No: 67-15107

Exam Date: 02-12-15

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? X Y N
- Irrigation of 5 acres or less
 - Storage of up to 14.6 AF for stockwater purposes only
 - Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
 - Other < >

2. Current Owner: Name: Wright
 Owner of Record Correct? X Y N
 Address of Record Correct? X Y N
 If No: Address

3. Beneficial Use Fees have been paid: X Y N Receipt No: C099826

4. SOURCE**TRIBUTARY**

East Pine Creek

Weiser River

Method of Determination: Info. from permit holder and GIS imagery

Change in Source: Y X N**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: X NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: POU is Lot 17 of Pine Creek Mtn. Est. 67-10095 is POD for original domestic use in the QQ. Only building in QQ seen on Topo map is for lot 4 of Pine Creek Mtn. Est. 65-219, 220, 226, and 229 part of an 8 POD system for irrigation for this subdivision. NO overlapping Domestic use.

2. Other water rights with the same point of diversion: X NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: 65-219, 220, 226, and 229 part of an 8 POD system for irrigation. POD of 67-15107 not part of this system. 67-10095 is POD for unnamed stream trib to East Pine Creek.

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
East Pine Creek			SE	NE	35	16N	04W	B.M.	Washington
								B.M.	

Method of Determination: Information from permit holder.

Change in POD? Y X N Amendment Required? Y X N

2. **PLACE OF USE:** Use: Domestic

TW P	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
16N	04W	35				X													
		Lot #																	
Total Acres =																			

Method of Determination: Cabin visible on GIS Imagery

Change in POU? ____Y__X__N Amendment Required? ____Y__X__N

___ Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

___ Aerial Photo Attached (required for irrigation of 10+ acres).

___ Photo of Diversion and System Attached

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

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: < _____ >

E. FLOW CALCULATIONS

___ Additional Computation Sheets Attached

Measured Method:

Per Application Processing Memo #22, 0.04 cfs for domestic use, with yard. 0.02 cfs for domestic, no yard.**Permit allowed = 0.02 cfs****License recommend for 0.02 cfs.****F. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation:

V_{I.R.} = (Acres Irrigated) x (Irrigation Requirement) = ____V_{D.R.} = [Diversion Rate (cfs)] x (Days in Irrigation season) x 1.9835 = ____V = Smaller of V_{I.R.} and V_{D.R.} = ____

2. Volume Calculations for Other Uses:

Per Application Processing Memo #22, 1.2 afa for domestic use, with yard. 0.6 afa for domestic, no yard.**License recommend for 0.6 afa.**

G. PURPOSE OF USE

Irrigation _____N # Stock _____ Domestic # of Homes _____1_____

Other:

Change in Purpose of Use? _____Y _____X _____N

Method of Determination:

If Yes: From Use _____ To Use _____ Amount _____ CFS _____ AFA _____

H. NARRATIVE/REMARKS/COMMENTS

Water District: 67

Conditions:

NO gal per day limit

This right does not grant any right-of-way or easement across the land of another
1 home, no yard.

Upon notification, measuring device and locable controlling works.

No diversion after June 15 w/out watermaster approval.

Have conditions of permit approval been met? _____X_____Yes _____No

I. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Domestic	01/01 to 12/31	0.02 CFS	0.6 AF
	<u>Totals:</u>	0.02 CFS	0.6 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 ☒None

Other:

J. AUTHENTICATIONField Examiner's Name Darrelli Fann Date 02/12/15

Reviewer _____ Date _____

THEORETICAL HORSEPOWER EQUATION WORKSHEET (cjh 1/92)

Water Right No.: 67-15107
 Reviewer: D. Favreau
 Date of Review: 2/12/2015

P/D No.:	Senerio 1	Senerio 2	Senerio 3
PUMP HORSEPOWER	2	2	2
BOOSTER HORSEPOWER	0	0	0
PUMPING LEVEL	40	40	40
DISCHARGE PRESSURE	40	50	60
RATE OF FLOW (cfs)	0.09 42	0.08 36	0.07 31
			0.08 36.09

The above calculates the formula =
$$Q = \frac{8.8 * (\text{Efficiency}) * \text{hp}}{\text{depth to water} + 2.31 * (\text{psi}) + \text{friction}}$$

Assumptions: %70 efficiency.
 No Friction

Examiners Notes:

The horspower is an typical pump HP. The pressure was estimated by using the standard for pressure tank turn on and shut off of 40 to 60 psi. The lift was estimated using the maximum deliniation between the topo map's elevation lines .

Process	Basin Sequence	Draft	Owner	Source	POD/POU	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total Acres
Water Right	67-10095	N	KETZ, PEARL J; KETZ, VERNON E	UNNAMED STREAM	POD				X													0
Water Right	67-10095	N	KETZ, PEARL J; KETZ, VERNON E	UNNAMED STREAM	POU				X													0
Water Right	67-10096	N	PINE CREEK MOUNTAIN ESTATES SUB	UNNAMED STREAM	POD									X								0
Water Right	67-10096	N	PINE CREEK MOUNTAIN ESTATES SUB	UNNAMED STREAM	POU									X								0
Water Right	67-10992	N	HOWLAND, RANDY	PINE CREEK	POD													X				0
Water Right	67-11130	N	SLOAN, DANIEL E; SLOAN, MALLORY J	GROUND WATER	POD											X						0
Water Right	67-11130	N	SLOAN, DANIEL E; SLOAN, MALLORY J	GROUND WATER	POU											X						0
Water Right	67-11777	N	KETZ, PEARL J; KETZ, VERNON E	SPRING	POD											X						0
Water Right	67-11777	N	KETZ, PEARL J; KETZ, VERNON E	SPRING	POU											X						0
Water Right	67-13448	N	KETZ, PEARL J; KETZ, VERNON E	PEARL SPRING CREEK	POD										X							0
Water Right	67-13448	N	KETZ, PEARL J; KETZ, VERNON E	PEARL SPRING CREEK	POU										X							0
Water Right	67-14093	N	HOWLAND, RANDY	PINE CREEK	POD											X						0
Water Right	67-14815	N	SIDWELL, EUGENE C	GROUND WATER	POD									X								0
Water Right	67-14815	N	SIDWELL, EUGENE C	GROUND WATER	POU									X								0
Water Permit	67-15107	N	PHELPS, WILLIAM E	EAST PINE CREEK	POD				X													0
Water Permit	67-15107	N	PHELPS, WILLIAM E	EAST PINE CREEK	POU				X													0
Water Right	67-195	N	SCHWARTZ, FRANK G; SCHWARTZ, MARY B	PINE CREEK	POD														X			0
Water Right	67-217	N	MINK LAND & LIVESTOCK CO	PINE CREEK	POD														X			0
Water Right	67-219	N	PINE CREEK PROPERTY OWNERS IRR ASSN	EAST PINE CREEK	POD				X										X			0
Water Right	67-219	N	PINE CREEK PROPERTY OWNERS IRR ASSN	EAST PINE CREEK	POU			2.0	10.0					8.0		3.0	3.0		4.0			30
Water Right	67-220	N	PINE CREEK PROPERTY OWNERS IRR ASSN	EAST PINE CREEK	POD				X										X			0
Water Right	67-220	N	PINE CREEK PROPERTY OWNERS IRR ASSN	EAST PINE CREEK	POU			2.0	10.0					8.0		3.0	3.0		4.0			30
Water Right	67-226	N	PINE CREEK PROPERTY OWNERS IRR ASSN	EAST PINE CREEK	POD				X										X			0

Water Right	67-226	N	PINE CREEK PROPERTY OWNERS IRR ASSN	EAST PINE CREEK	POU	2.0	10.0	8.0	3.0	3.0	4.0	30
Water Right	67-229	N	PINE CREEK PROPERTY OWNERS IRR ASSN	EAST PINE CREEK	POD		X				X	0
Water Right	67-229	N	PINE CREEK PROPERTY OWNERS IRR ASSN	EAST PINE CREEK	POU	2.0	10.0	8.0	3.0	3.0	4.0	30
Water Right	67-231	N	HOWLAND, RANDY	PINE CREEK	POD						X	0
Water Right	67-233	N	BUMGARNER, JAMES L	PINE CREEK	POD						X	0
Water Right	67-4050	N	MINK LAND & LIVESTOCK CO	PINE CREEK	POD						X	0
Water Right	67-8050	N	SIDWELL, EUGENE C; SIDWELL, MYRTLE B	EAST PINE CREEK	POD						X	0
Water Right	67-8050	N	SIDWELL, EUGENE C; SIDWELL, MYRTLE B	EAST PINE CREEK	POU			0.4			1.6	2
Water Right	67-8050	N	SIDWELL, EUGENE C; SIDWELL, MYRTLE B	EAST PINE CREEK	POU			X			X	0