

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 65-23457
Exam Date: 06/06/2018

1. Current Owner:
GLENN FORD 569 BRENDA LN CASCADE ID 83611 AND/OR
JOYCE FORD 569 BRENDA LN CASCADE ID 83611
2. Accompanied by: Glenn Ford
Phone No: 208-830-6133
Address: 569 Brenda Ln
Relationship to permit Holder: Same

3. **SOURCE:**
ROCK CREEK

Tributary
NORTH FORK PAYETTE RIVER

Method of Determination: Field observation, USGS DRG Map, ArcMap tools.

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NO Overlap
2. Other water rights with the same point-of-diversion: NO Overlap

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**
ROCK CREEK NE¼ SW¼, Sec. 3, Twp 13N, Rge 03E, B.M. VALLEY County

Method of Determination: Handheld GPS

PLACE OF USE: AESTHETIC

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13N	03E	3									X								0.0

Method of Determination: Handheld GPS, Aerial Imagery, and ArcMap tools.

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.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
N/A					

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
5 Gal Bucket	N/A	N/A	N/A	N/A	N/A	N/A

2. Measurements: Placed 5 gallon bucket

E. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method: 5 Gallon Bucket Test 4 trial average = 16.11 sec → 0.27 min → 5 gal/0.27min = 18.5 gpm = 0.04 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation: N/A

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \text{N/A}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \text{N/A}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = \text{N/A}$$

2. Volume Calculations for Other Uses: N/A

Permit	0.04 cfs
<i>Measured Rate</i> B.U. Standard Allowance	0.04 cfs
B.U. Proof Fee	\$100 → 0.00 to 0.20 cfs
License Recommendation	0.04 cfs

G. NARRATIVE/REMARKS/COMMENTS

Field exam was completed by agent Justin Shearer on June 6, 2018 and was accompanied by permit holder Glenn Ford. Ford is the current permit owner and original applicant. The application for permit was submitted on June 16, 2011 and proof of beneficial use was made August 29, 2013.

The permit holder has an Aesthetic Waterfall feature on their property that is fed by a gravity flow system from Rock Creek (also locally known as Richards Creek). The diversion is a bucket suspended by rope at the mouth of a culvert with a hole in the bottom that goes to 4" PVC then transfers to 5" corrugated PVC tubing which travels downhill to Place of Use (POU) aka waterfall feature via gravity flow. Water enters grate at the base of the waterfall feature and returns back to Rock Creek. No measuring device is installed.

*this reserved
for cfs/ac
limits, etc.*

The Aesthetic rate of diversion was measured during field exam using a 5 gallon bucket test method. 4 timed trials were conducted and then averaged and the rate was found to be 0.04 cfs. I am recommending that the applicant receive a license for what they were permitted.

The condition ordering controlling works and lockable device was updated to R02 as per department standards. [Condition 185 requiring the right holder to contact the watermaster to by June 15 each year for authorization to continue diverting and using water in Basin 65 was added.] At the permission of Ron Shurtleff, Watermaster of WD 65, I removed the condition requiring the right holder to install and maintain a measuring device due to the pass through nature of the system in how water does return back to Rock Creek and consumption is very minimal. *remove*

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	
AESTHETIC	04/01 to 11/14	0.04 CFS	

Totals: 0.04 CFS

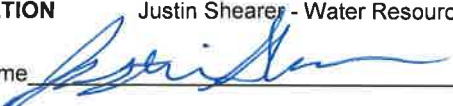
2. Recommended Amendments

☐ 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 ☒ None

I. AUTHENTICATION

Justin Shearer - Water Resource Agent, Senior

Field Examiner's Name  Date 6/13/19

Reviewer _____ Date _____





Pic showing
diversion from
Rock Creek.



Close-up pic of
showing diversion
system.



Pic of Aesthetic
POU.



Close-up pic of
waterfall feature.



Pic showing grate
at base of waterfall
that drains to Rock
Creek.



Pic showing water
returning to Rock
Creek.

Shearer, Justin

From: Ron Shurtleff <waterdist65@srvinet.com>
Sent: Wednesday, June 12, 2019 4:31 PM
To: Shearer, Justin
Subject: RE: Water Right Permit for Licensing 65-23457

Justin,

I am familiar with this diversion and have met with Mr. Ford a few years ago to discuss some methods for installing a measuring device. I do not believe it is important at this time to have measurement on the diversion because the pass through system does return back to Rock Creek and consumption is very minimal. I am willing to offer a waiver to the measuring device condition in this case.

Thanks,

Ron Shurtleff

Water District No. 65
102 N. Main
Payette, ID 83661
Phone: 208-642-4465
Fax: 208-642-1042
Cell: 208-642-0230

From: Shearer, Justin [mailto:Justin.Shearer@idwr.idaho.gov]
Sent: Wednesday, June 12, 2019 3:26 PM
To: Ron Shurtleff
Subject: Water Right Permit for Licensing 65-23457

Good afternoon Ron,

I am emailing you in regards to permit 65-23457 and its respective measuring device condition. I conducted a beneficial use exam for this permit and it is a flow through system for Aesthetic purposes where water is diverted from Rock Creek (also known locally as Richards Creek) by gravity flow and provides water for a waterfall feature in the user's backyard where it then drains through a grate and returns to Rock Creek. They do not have a measuring device installed, though it was a condition of the permit. However, because of the nature of the system I am not sure one should be necessary seeing as how the diverted water from Rock Creek returns to Rock Creek.

I am happy to answer any questions you might have in regards to this diversion, but would like to suggest that they perhaps receive a waiver for the measuring device condition.

Your thoughts on this matter would be greatly appreciated.

Thanks and regards,

Justin Shearer
Water Resource Agent, Sr.
(208)-334-2190



State of Idaho

DEPARTMENT OF WATER RESOURCES

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C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

June 30, 2017

GLENN FORD
JOYCE FORD
569 BRENDA LN
CASCADE, ID 83611

COPY

RE: Scheduling Field Exam for Water Right Permit No. 65-23457

Dear Permit Holder:

We are planning to conduct water right examinations in the vicinity of the above-referenced permit **this season**. An examination is needed to verify the water use in order to issue a water right license.

The above-referenced permit authorizes **0.040 CFS** from a **ROCK CREEK** tributary to **NORTH FORK PAYETTE RIVE** for **AESTHETIC** use. **If you have developed a beneficial use and still own the place of use property, please contact me at your earliest convenience to schedule an examination.**

If you did not develop a beneficial use of water under the permit during the beneficial use period, a license cannot be issued and the permit should be relinquished. If that use was developed, but have ceased using the water and you currently carry no interest in it, please relinquish the permit by submitting the enclosed Relinquishment of Permit form (no fee required).

If you did develop a beneficial use of water under the permit, but you no longer own the place of use property identified in the permit, please submit the enclosed Assignment of Permit form with the applicable \$25 processing fee.

Please contact me within the next thirty (30) days at (208) 334-2190 to either schedule an examination or submit a relinquishment or assignment form. If you no longer own the place of use property and/or do not respond to this letter, the department will work with the current property owner to issue a license or void the permit.

Sincerely,

Justin Shearer
Water Resource Agent

Enclosures: Relinquishment of Permit form
Assignment of Permit form
Water Permit Report and Map