

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 74-16242
Exam Date: 06/13/2024

1. Current Owner:
ROCKWELL D SMITH 400 WITHINGTON CREEK RD SALMON ID 83467-5291 AND/OR
BEVERLY A SMITH 400 WITHINGTON CREEK RD SALMON ID 83467-5291
2. Accompanied by: Rockwell Smith
Phone No: (208) 869-6413
Address: Same as above
Relationship to permit Holder: Permit holder

3. **SOURCE:**
SPRING

Tributary
WITHINGTON CREEK

Method of Determination: GARMIN TREX20 GPS, GIS, and Lemhi County tax parcel data.

B. OVERLAP REVIEW

1. Other water rights with the same place of use: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
74-16241	WITHINGTON CREEK	DOMESTIC, FIRE PROTECTION	LICENSE

Comments: A domestic right held by the permit holder partially overlaps the permitted place of use (POU). The permit has a spring source, which is tributary to the source on the license, and both provide domestic use. However, the permit and license are conditioned limiting them to a combined 13,000 Gal per day.

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

Water Right No.	Source	Purpose of Use	Basis
NONE	NA	NA	NA

Comments: No other rights share the permitted point of diversion (POD).

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:** GPS COORDS: W113°46.336, N45°02.957

SPRING SW¼ SE¼ NE¼, Sec. 19, Twp 20N, Rge 23E, B.M. LEMHI County

Method of Determination: GARMIN TREX20 GPS, GIS, and Lemhi County tax parcel data.

PLACE OF USE: DOMESTIC

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
20N	23E	19				X													
20N	23E	20							X										

Method of Determination: GPS, GIS, and Lemhi County tax parcel data.

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
SPRING(buried 4" perf pipe)	NA	NA	NA	NA	NA

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
NONE	NA	NA	NA	NA	NA	NA

2. Measurements: IDAPA 37.03.02.035.01.r.iii.states that a direct measurement of the diversion rate are not required for any uses other than irrigation or storage if the total combined diversion rate for all the uses established in connection with the permit does not exceed twenty-four one hundredths (0.24) cubic feet per second.

E. FLOW CALCULATIONS

Measured Method: NA

Additional Computation Sheets Attached

Comment: A maximum diversion rate of 0.04cfs for domestic use in one household is standard, per Administrative Memo #22. I recommend the license is issued for a maximum diversion rate of 0.04cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation: NA

Comment: The property owner stated that there is no irrigation use developed from the spring. It is strictly for drinking water and other potable water use within trailers from the spigots.

2. Volume Calculations for Other Uses: Domestic

Comment: An annual volume of up to 0.6 AF is standard for one domestic use (internal only), per Administrative Memo #22. I recommend the license is issued for an annual volume of up to 0.6 AF.

G. NARRATIVE/REMARKS/COMMENTS

On June 13, 2024, a field examination was conducted for Permit #74-16242, with Rockwell Smith (permit holder) as escort. GPS coordinates were recorded for the buried spring POD. The Mr. Smith explained that the gravity fed spring diversion was installed for delivery to 3 spigots for trailer hook ups north of Withington Creek and a single spigot south of Withington Creek which is used for drinking water (Photos and Figure 1-System Diagram). Water is collected from the spring in a 4" perforated pipe wrapped in fabric reduced to a 2" poly pipe which drops approximately 50ft in elevation over approximately 380ft (slope= 0.13). A pump delivers water from Withington Creek through a separate system for domestic irrigation provisioned via Permit 74-16241). At the time of the field examination water was running at all 4 spigots on the property. I recommend that the license is issued for a maximum rate of 0.04cfs and an annual volume of 0.6AF(per Admin Memo #22) with conditions WB5, N13, R05, 01P, and 004. Condition 029 was removed as the installation method for the spring diversion would not allow for fish impingement/entrainment, per current guidance.

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>	<u>Annual Volume</u>
DOMESTIC	01/01 to 12/31	0.04 CFS	0.6 AF

Totals: 0.04 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

I. AUTHENTICATION

Bob Howe - Water Resource Agent

Field Examiner's Name _____ Date _____

Reviewer Scott King Date 4/25/2020



Figure 1- System Diagram- Gravity fed spring diversion approx. 380ft upstream of the most distal POU.



Photo 1- 2" Poly line exiting the north bank of Withington Creek and passing under the road through the culvert.



Photo 2- 2" Poly line continuing along the south side of Withington Creek downstream to the first spigot.



Photo 3A- Facing north on the south side of Withington Creek. The “water fountain”, a spigot circled in blue provides potable water on to the POU in the SENE of Section 19.



Photo 3B- “water fountain” on south side of Withington Creek, running for field examination.



Photo 4- Facing south at the southern spigot in the SWNE of Section 20.



Photo 5- Facing north at the western spigot in the SWNW of Section 20. Only the right spigot is connected to the spring source the spigot on the left is connected to the system for 74-16241, for domestic irrigation use.



Photo 6- Facing north at the east spigot in the SWNW of Section 20.