

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 93-7704
Exam Date: 05/19/2022

1. Current Owner:
LON B REYNOLDS 5862 MINALOOSA RD PLUMMER ID 83851
2. Accompanied by: Lon B Reynolds
Phone No: 775-721-4079
Address: Same as above
Relationship to permit Holder: Permit Holder.

3. **SOURCE:**
SPRING

Tributary
LITTLE PLUMMER CREEK

Method of Determination: ArcMap and DRG.

B. OVERLAP REVIEW

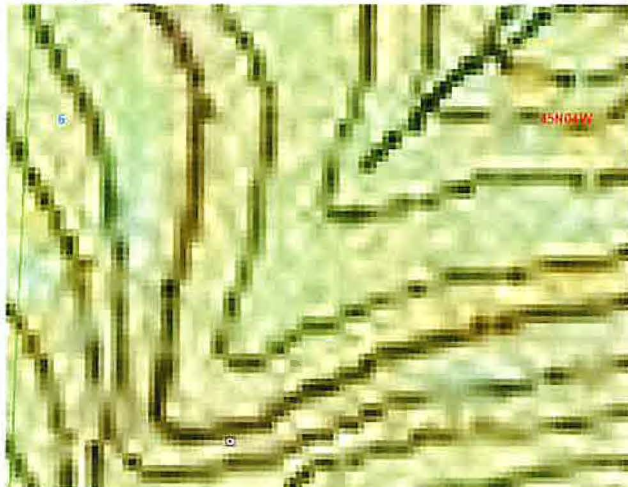
1. Other water rights with the same place of use: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
93-7265	Spring(s), Groundwater, Unnamed Stream	Multiple storage B.U.s, Stockwater, Diversion to Storage	Permit – in process licensing

Comments: Active Permit 93-7265 is the parent Right to this split permit and is currently in process for licensing. Overlap between parent and child rights is related to stockwater with the POU located at the Spring for this permit 93-7704 and the Unnamed Stream (clarified source) for permit 93-7265. Condition X35 was added to both permits during licensing review describing that Rights 93-7265 and 93-7704 when combined shall not exceed a total diversion rate of 0.02 cfs, and a total annual maximum diversion volume of 0.7 acre-feet for stockwater uses.

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

Comments: Although the POD centroid is designated at the same location for the spring source for this permit 93-7704 and the unnamed stream source (clarified) for permit 93-7265, they are not the same POD in essence. As part of clarifying the unnamed stream source under parent right 93-7265 I maintained the same centroid, as this is where overflow from the spring starts flowing in an unnamed stream channel, which is also designated just downstream on the USGS DRG layer in ArcMap.



Note: Water Right POD & Unnamed stream in the

NW1/4NE1/4 Gov Lot 2, Section 6, Twp 45N, Rge 04W,

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

SPRING L2 (SW¼ NW¼ NE¼), Sec. 6, Twp 45N, Rge 04W, B.M. BENEWAH County (**SPRING #2 from 93-7265**)

Method of Determination: GPS. POD is located at -116°53.0601, 47°16.5659

PLACE OF USE: STOCKWATER

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
45N	04W	6		X L2															

Method of Determination: Beneficial use field exam for 93-7265 and ArcMap aerial imagery.

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
NONE					

D. FLOW MEASUREMENTS

1.

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

2. Measurements: N/A – Stockwater occurs from small pooling in stream; I've designated the department standard for up to 50 head of cattle as an in-stream beneficial use, which equals 0.02 cfs.

E. FLOW CALCULATIONS

Measured Method: In-stream stockwater beneficial use diversion rate of **0.02 cfs** applied to permit for licensing purposes.

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation: N/A

2. Volume Calculations for Other Uses:

- 50 head cattle x 12 gpd x 365 day = 219,000 gal / 325,850 gal per acre-foot = **0.7 af** considering department rounding standards.

G. NARRATIVE/REMARKS/COMMENTS

Permit 93-7265 (parent right) was split into two water rights with subsequent child right 93-7704. This right accounts for stockwater direct flow beneficial use for up to 50 head of cattle from a spring source. The field exam was performed on 5/19/2022 and licensing review didn't occur until late December 2023. The field exam was performed with the Permit Holder, Lon B Reynolds, which showed a spring source that was developed for stockwater use and wildlife use.

At the spring POD, Mr. Reynolds used a backhoe to excavate a small pooling area that stock drink directly from. The spring is in a small draw that serves as the headwater for an unnamed stream that flows into the southwest corner of the excavated pond associated with the parent Permit 93-7265. I split the parent right as I worked to clarify the spring to reflect "unnamed stream" but needed to capture the actual spring source for licensing purposes.

The POD serves as an in-stream stockwater temporary pooling, and I've designated the 0.02 cfs for this beneficial use which is consistent for an in-stream stockwater use in addition to the **0.02 cfs** authorized to develop stockwater use under the parent right for up to 50 head of cattle. Mr. Reynolds pastures his relatives' cattle on his property during the summer months as they rotate pastures. Cattle use was evident although at time of the exam in May all cattle were still housed at Mr. Reynolds sister's house just down the road. Photographs were taken to illustrate the stock that used the spring source on a rotational basis during the permit's development period 11/2/2011 – 11/2/2021. I've recommended a maximum diversion volume of **0.7 af** based on the department standard for 50 head of stock as calculated above.

Condition 004 was carried forward from the parent permit to licensing. I've added condition X35 to mitigate overlap concerns between stockwater use between parent right 93-7265 and this child right 93-7704. There are no additional overlapping concerns toward licensing this split water right.

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>
STOCKWATER	01/01 to 12/31	0.02 CFS	0.7 AF

Totals: 0.02 CFS 0.7 AF

2. Recommended Amendments

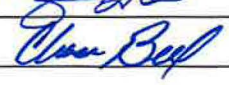
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

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

I. AUTHENTICATION

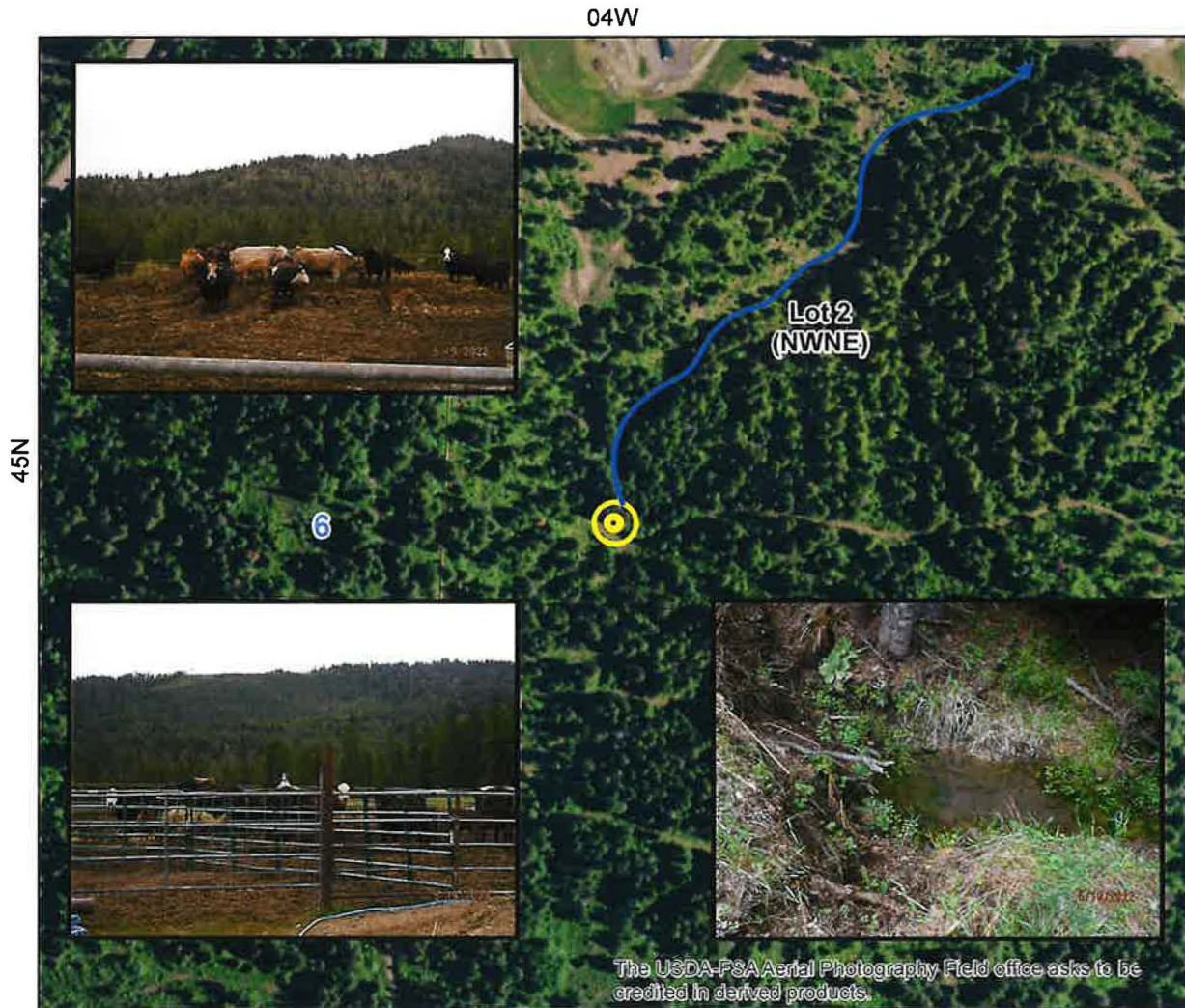
Luke Bates -

Field Examiner's Name  Date 11/2/2024

Reviewer  Date 6/6/2024

State of Idaho
Department of Water Resources
Attachment to Field Exam
93-7704

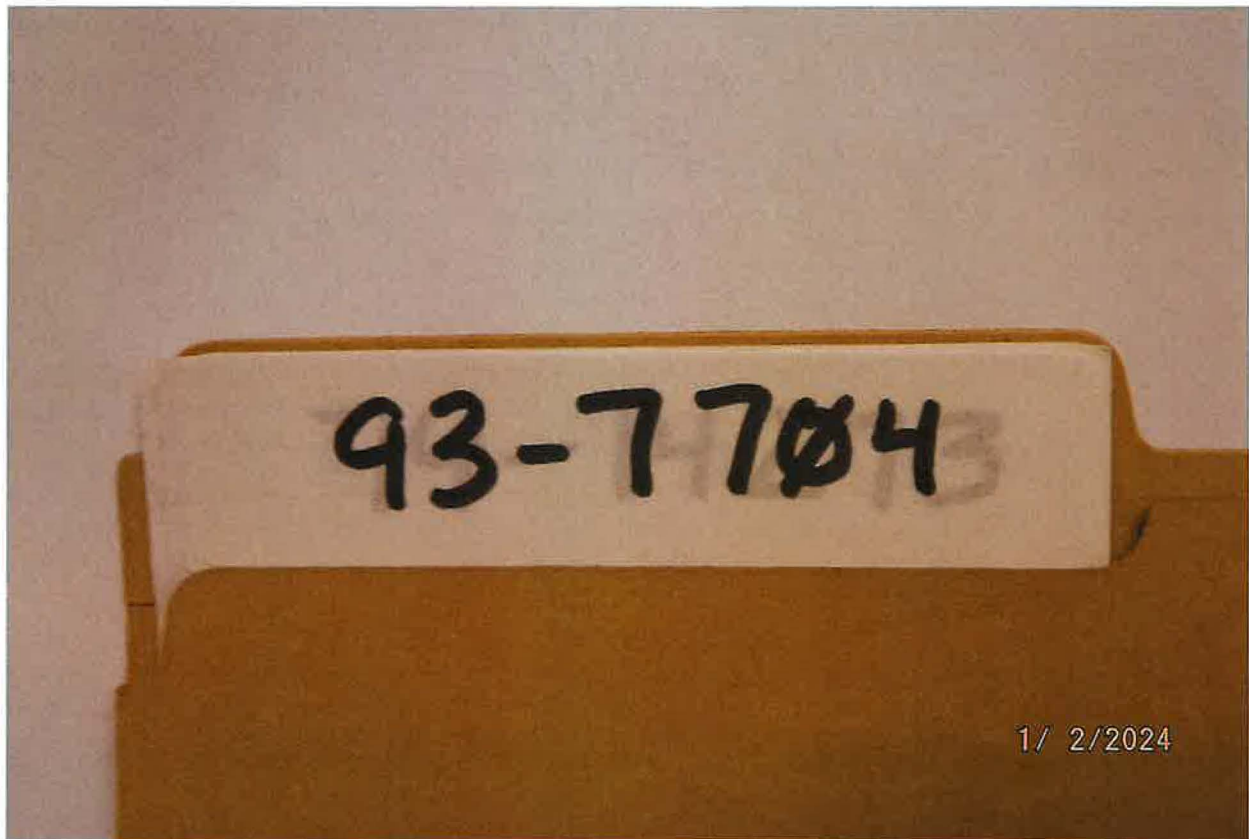
This map depicts the STOCKWATER system diagram.



0 0.035 0.07 0.14 Miles

-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters
-  Point of Diversion





WATER RIGHT SPLIT FROM 93-7265 DURING LICENSING REVIEW – ACCOUNTS FOR SPRING #2 STOCKWATER USE (SPRING WAS CLARIFIED TO BE AN UNNAMED STREAM UNDER 93-7265)



POD & POU – SPRING #2 EXCAVATED TO FORM POOLING THAT CATTLE & WILDLIFE DRINK DIRECTLY FROM. WATER FROM SPRING FLOWS DOWNSTREAM IN AN UNNAMED STREAM CHANNEL



STOCKWATER UP TO 50 HEAD PERIODICALLY GRAZED ON THE PROPERTY – CATTLE OWNED BY RELATIVE LIVING DOWN THE ROAD FROM THE APPLICANT'S PROPERTY





STOCKWATER USE FROM SPRING FOR CATTLE



STOCKWATER GRAZE APPLICANT'S PASTURE LAND PERIODICALLY TO KEEP GRASSES EATEN DOWN