

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-17503
Exam Date: 07/13/2020

1. Current Owner:
SHERLENE E MENDIVE 3732 S DUSTY LN COEUR D ALENE ID 83814 AND/OR
RONALD J MENDIVE 3732 S DUSTY LN COEUR D ALENE ID 83814
2. Accompanied by: Ronald Mendive
Phone No: 208-691-7175
Address: Same as above
Relationship to permit Holder: Permit holder

3. **SOURCE:**
SPRING

Tributary
SINKS

Method of Determination: Arcmap and DRG.

B. OVERLAP REVIEW

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

Water Right No.	Source	Purpose of Use	Basis

Comments: _____

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

Water Right No.	Source	Purpose of Use	Basis

Comments: _____

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**
SPRING SW¼ NE¼ NE¼, Sec. 35, Twp 50N, Rge 05W, B.M. KOOTENAI County

Method of Determination: GPS; POD is a 6 inch storm pipe to buried spring box located at -116°55.233, 47°38.451.

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	
50N	05W	35	X																

Method of Determination: Field Exam and Arcmap.

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 BOX PIPE					

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
4-CUP MEASURING TEST						

2. Measurements: A 4 CUP measurement test was completed from storm pipe exit from spring box, with the resulting diversion flow rate of 4 cups in 30 seconds.

E. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method: 4 CUP measurement = 4 cups per 30 seconds = 16 cups per 120 seconds = 1 gal per 2 minutes = 0.5 gal per minute. 0.5 gpm is less than the minimum value for 0.01 cfs, resulting **0.01 cfs** defaults to the diversion rate.

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation: N/A

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

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

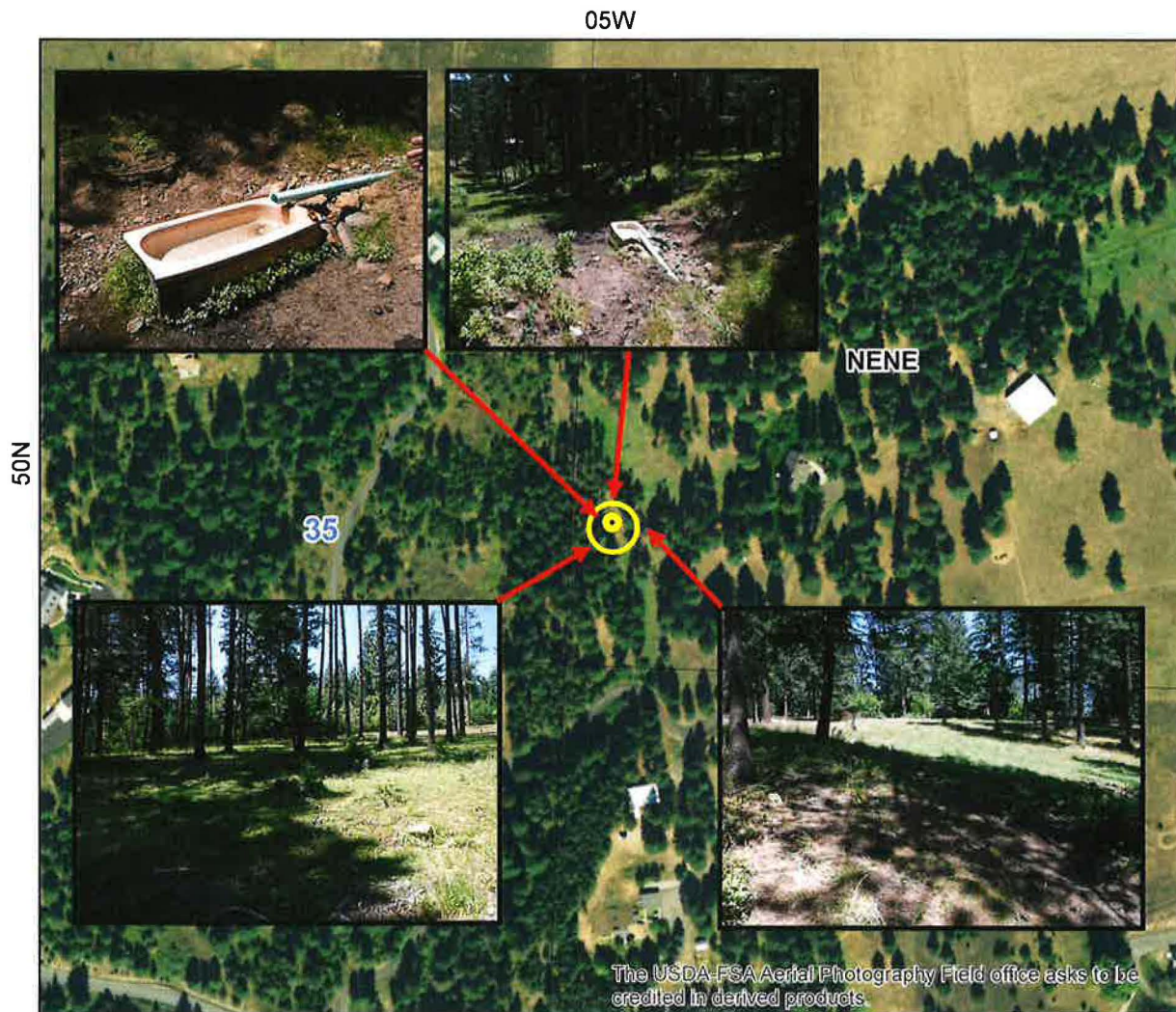
$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses:

Annual Stockwater Volume = 10 head mixed stock x 12 gpd x 365 days = 43,800 gal / 325,850 gal per af = 0.13 af. Using rounding conforming to administrator memorandum, application processing memorandum No. 6, Significant Figures for Numeric Values, the annual volume for stockwater component = **0.1 af**.

State of Idaho
Department of Water Resources
Attachment to Field Exam
95-17503

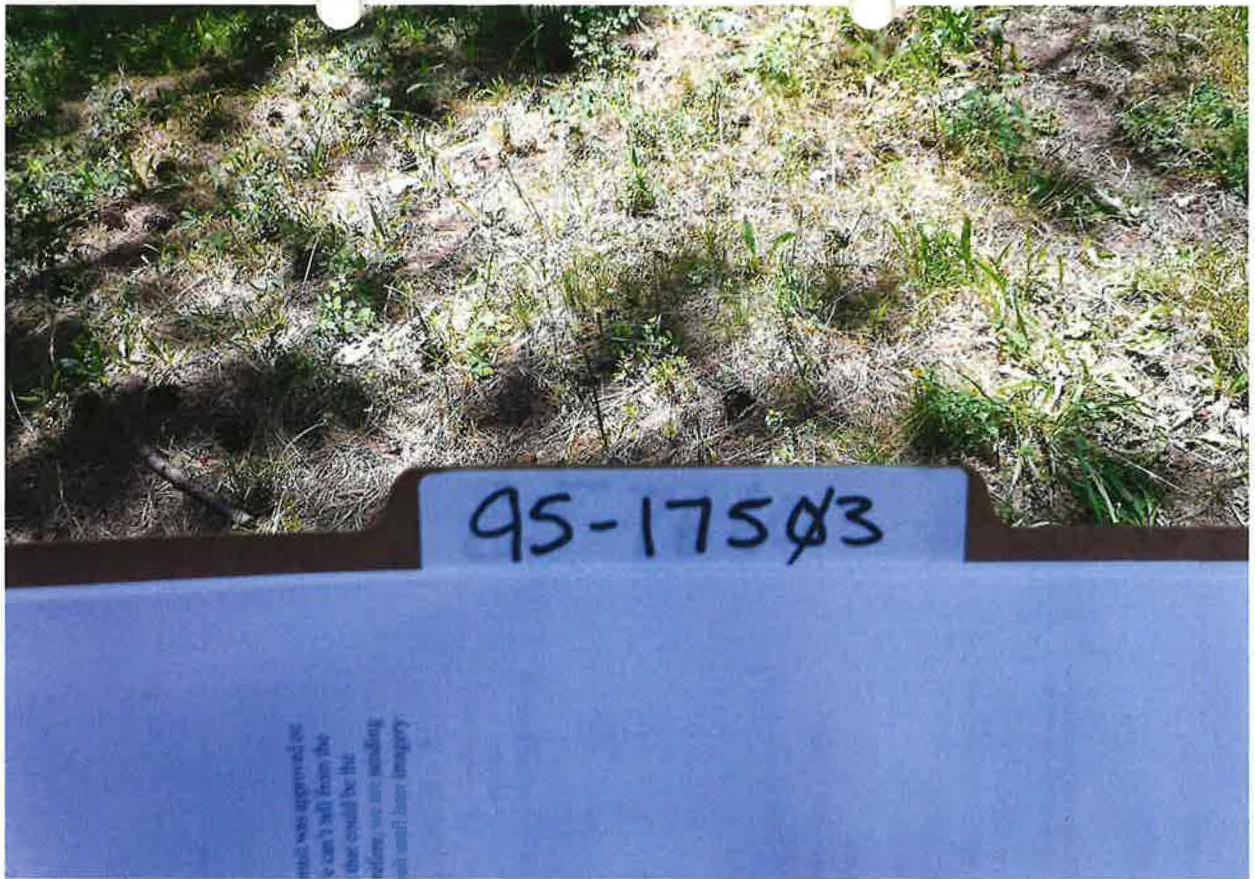
STOCKWATER system diagram.



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

0 0.035 0.07 0.14 Miles





POD – 6" STORM PIPE TO BURIED SPRING BOX



POU – BATHTUB RE-PURPOSED TO STOCK TANK





POU - STOCKWATER





POU - STOCKWATER