

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 72-7524
Exam Date: 5/22/2019

1. Current Owner:

ROBERT A PIVA
699 CHIVERS LN
CHALLIS ID 83226

2. Accompanied by: Allison Inouye, IDWR

Phone No:

Address:

Relationship to permit Holder:

3. **SOURCE:**

UNNAMED STREAM

Tributary

CHALLIS CREEK

Method of Determination: ArcMap aerial imagery, DRG layer, and site visit

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None

2. Other water rights with the same point-of-diversion: Irrigation rights 72-5 and 72-4139

Water Right No.	Source	Purpose of Use	Basis
72-5, 72-4139	Springs	Irrigation	Decree
72-4139	Waste Water	Irrigation	Decree

Comments: The irrigation rights are diverted from a headgate in the reservoir and predate the reservoir and permit.

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

UNNAMED STREAM SW¼ SE¼, Sec. 15, Twp 14N, Rge 19E, B.M. CUSTER County

Method of Determination: ArcMap aerial imagery and site visit

PLACE OF USE: WILDLIFE STORAGE

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
14N	19E	15															X		0.0

Method of Determination: ArcMap aerial imagery and site visit

3.

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

X 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.

XX Aerial Photo Attached (required for irrigation of 10+ acres).XX Photo of Diversion and System AttachedX

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
NA					

D. FLOW MEASUREMENTS

1.

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

2. Measurements: NA

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method: NA

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation: NA

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

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

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

2. Volume Calculations for Other Uses: Volume of pond is calculated by multiplying the estimated average pond depth of 6 feet by the surface area of 0.68 acres for a total volume of **4.0 acre-feet**.



Reservoir embankment with main spillway at right of photo.

Close-up of main spillway.





Main spillway (center left) and irrigation headgate (center right).

Backup spillway on right abutment of embankment.





Views of reservoir.



72-7524 Piva

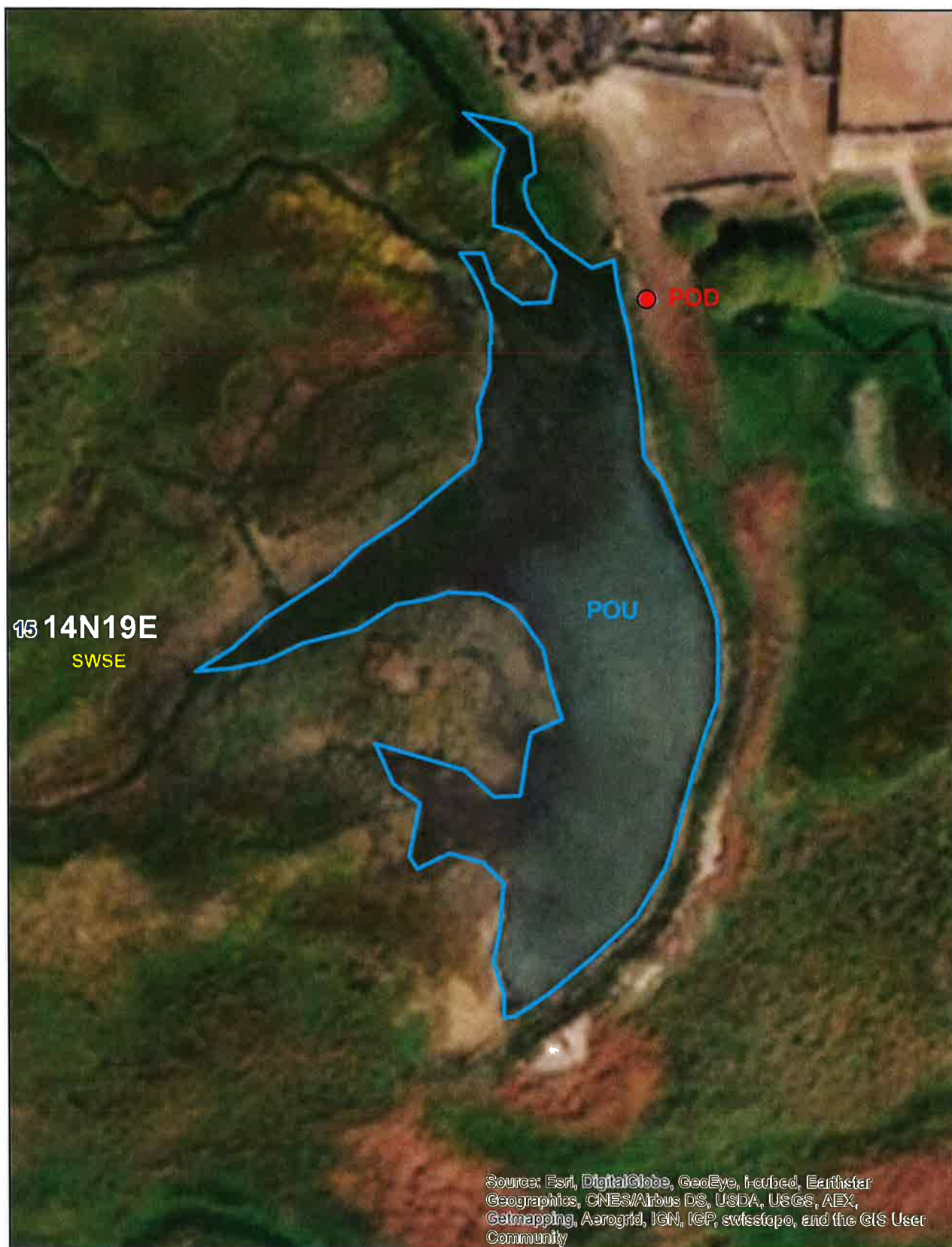


Wildlife on reservoir.

Unnamed stream looking downstream from reservoir embankment.

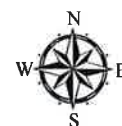


Water Right 72-752 Robert Piva, Place of Use & Point of Diversion



Legend

-  Township/Range
-  Sections
-  QQ



Field Exam 72-7524

0 0.005 0.01 0.02 Miles



72-7524 System Diagram



Legend

- Township/Range
- Sections
- QQ

0 0.0050.01 0.02 Miles



Field Exam 72-7524