

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 72-16937
Exam Date: 9/24/2019

1. Current Owner:

RICHARD GIAMPEDRAGLIA
AND/OR
TAMRA GIAMPEDRAGLIA
22950 HIGHWAY 75 CHALLIS ID 83226-1600

2. Accompanied by: Richard Giampedraglia

Phone No: Work: 208-838-6955, Cell: 208-727-7031

Address:

Relationship to permit Holder: Permit Holder

3. **SOURCE:**
SALMON RIVER

Tributary
SNAKE RIVER

Method of Determination: Viewed pump inlet in Salmon River**B. OVERLAP REVIEW**

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

Water Right No.	Source	Purpose of Use	Basis
72-7247	Salmon River	Mining, Mining Storage, Mining from Storage	Decree
72-10244	Ground Water	Domestic, Stockwater	Decree

Comments: Rights are in the name of previous owners. Mr. Giampedraglia indicated that 72-7247 was excluded from his purchase of the property.

2. Other water rights with the same point-of-diversion:

Water Right No.	Source	Purpose of Use	Basis
72-7247	Salmon River	Mining, Mining Storage, Mining from Storage	Decree

Comments: Permit holder indicated that his POD is the same POD as the mining right, 72-7247.

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

SALMON RIVER L5 (NW¼ SE¼), Sec. 11, Twp 11N, Rge 18E, B.M. CUSTER County

Method of Determination: Site visit, ArcMap aerial imagery

2. PLACE OF USE: IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
11N	18E	11														3.0 L5	2.0 L8		5.0

Total Acres: 5.0

Method of Determination: Site visit, 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
		5			

D. FLOW MEASUREMENTS

1.

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

2. Measurements: No measurement made per Beneficial Use Exam rules. Permitted rate: **0.10 cfs**

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method: NA

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 5 \text{ acres} \times 3.5 \text{ AF/acre} = 17.5 \text{ AF}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.10 \text{ cfs} \times 214 \text{ days} \times 1.9835 \text{ AF/day} = 42.5 \text{ AF}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = \mathbf{17.5 \text{ AF}}$$

2. Volume Calculations for Other Uses: NA

G. NARRATIVE/REMARKS/COMMENTS

The field exam for permit 72-16937 was conducted on September 23, 2019 with Richard Giampedraglia in attendance. This permit allows for the diversion of up to 0.10 cfs from the Salmon River to irrigate up to 5.0 acres. The permit proof of beneficial use was filed in August of this year, and because development was so recent, no aerial imagery could be found to confirm the place of use or irrigated acres. This made an on-site exam necessary in order to confirm the irrigated acreage.

Water is lifted with a 5 HP pump from the Salmon River into a 6" mainline which feeds two hand lines and two wheel line sprinklers to irrigate the 5.0 acres on the Giampedraglia property. The lawn around the home is irrigated from the domestic well, which appears to be covered with right 72-10244 (domestic and stockwater). Right 72-7247 also overlaps the property and is a mining, mining storage, and mining from storage right from a previous owner.

There appears to be a tax parcel shift in this area, so the shape for this water right was matched to the imagery, rather than the tax parcel.

No measurement of the flow rate was made per beneficial use exam rules, so the recommended flow rate for the license is the permitted rate of 0.10 cfs and the recommended volume is 17.5 AF (see volume calculations for irrigation in this report).

The permit holder has installed a fish screen which was supplied by Idaho Department of Fish and Game; he has installed a sufficiently long section of straight pipe leading off from the pump to allow for a measurement; and the electrical box that supplies the pump is lockable; so all permit conditions have been complied with.

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>
IRRIGATION	04/01 to 10/31	0.10 CFS	17.5 AF
<u>Totals:</u>		0.10 CFS	17.5 AF

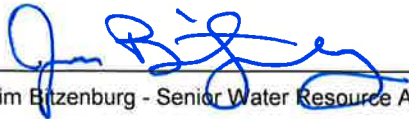
2. Recommended Amendments

☐ 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

Field Examiner's Name



Jim Bitzenburg - Senior Water Resource Agent

Date

9-27-19

Reviewer

Date



POD - Pump inlet in Salmon River (at arrow)

5 HP pump on the river bank





Wheel line on Giampedraglia property

Hand line on Giampedraglia property



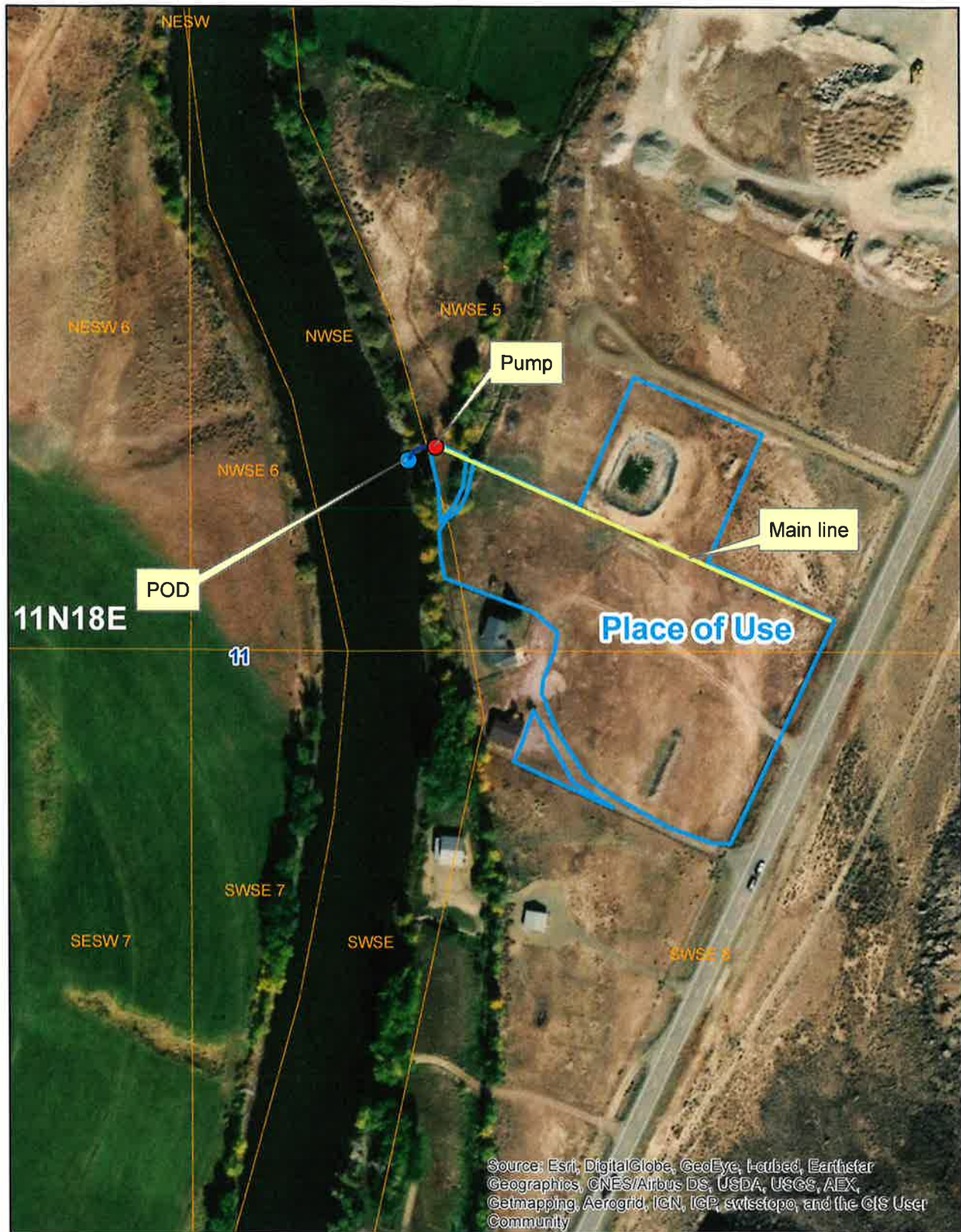


Views of the place of use



72-16937Giampedraglia Field Exam

72-16937 Giampedraglia - System Diagram & POD, POU Map



Legend

- Township/Range
- Sections
- QQ

72-16937 Giampedraglia Field Exam

0 0.02 0.04 0.08 Miles

