

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 96-9725
Exam Date: 03/16/2020

1. Current Owner:
VERNON W GRAHAM 418 MOOSE MEADOW DR
PO BOX 759
PRIEST RIVER ID 83856

2. Accompanied by: In office exam.

3. **SOURCE:**
PEND OREILLE RIVER

Tributary
COLUMBIA RIVER

Method of Determination: GIS and Tax Lot data.

B. OVERLAP REVIEW

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

Water Right No.	Source	Purpose of Use	Basis
96-8657	GROUND WATER	DOMESTIC, IRRIGATION	PERMIT

Comments: 96-8657 is for a municipal system, in home water is provided for applicant's home(s) but no irrigation is provided.

2. Other water rights with the same point-of-diversion: NONE

Water Right No.	Source	Purpose of Use	Basis

Comments: _____

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**

PEND OREILLE RIVER L1 (SW¼ SW¼), Sec. 36, Twp 56N, Rge 04W, B.M. BONNER County

Method of Determination: GIS and tax lot data.

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	
56N	04W	36											0.2 L1						0.2

Total Acres: 0.2

Method of Determination: Based upon applicants photographs provided.

2.

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

D. FLOW MEASUREMENTS

1.

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

2. Measurements: No measurement is required for an in-house exam.

E. FLOW CALCULATIONS

Flow measurement not required as per IDAPA RULE 37.03.02.035.01.r.iii.

F. DIVERSION RATES

The diversion rate for this irrigation right is limited to 0.02 cfs or 9.0 gpm.

G. VOLUME CALCULATIONS

The annual volume for this irrigation right is limited to = 0.6 AF.

This is a surface water right, so no volume will be included on the water right license.

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-house field examination. I was able to obtain photographs from applicant demonstrating irrigation use on property. We were required to rely on current applicant photographs due to tree canopy causing aerial imagery to be unreliable.

The permit was authorized for 0.02 cfs or 9.0 gpm. Most river pumps divert more than that amount of water for these types of systems. The irrigation system was probably designed for the 9 gpm diversion rate, so it would be reasonable to allow the full diversion rate of 0.02 cfs for 0.2 acres to be carried forward to licensing. It is almost impossible to find a pump and sprinkler system that diverts less than the 9 gpm recommended.

The permit requires a fish screen, and the permit holder stated on their statement of completion for submitting proof of beneficial use form that they had installed the fish screen.

All conditions applied to the permit should be carried forward to licensing.

Have conditions of permit approval been met? ☒ Yes ☐ No**I. RECOMMENDATIONS****1. Recommended Amounts**



<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	
IRRIGATION	04/01 to 10/31	0.02 CFS	

Totals: 0.02 CFS

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






J. AUTHENTICATION Luke Bates - Water Resource Agent

Field Examiner's Name  Date 3/16/2020
Reviewer  Date 3/18/2020

State of Idaho
Department of Water Resources
Attachment to Field Exam
96-9725

IRRIGATION System Diagram



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

0 0.035 0.07 0.14 Miles



TAX LOT VERIFICATION FOR WR# 96-9725

Capture & Print Date: 3/13/2020

cloudgisapps.bonnercountyd.gov/public/

Apps Gmail YouTube Maps Kootenai County

418 Moose Meadow

Parcels (1 of 1)

Parcel #: PP008060000050A
Owner1: Graham Trust
Owner2: Graham, Ann Marie & Vernon W
Subdivision Name: Pinewood Bay
Acres: 0.51
Tax Code Area: 1040000
Description: 537-Resid improv on cat 15
Last Assessed Value: \$645895
Deed1: [779335 Q/C](#)
Deed2: [603213 W/D](#)
Deed3: [484139 W/D](#)
Deed4: [357507 C](#)
Legal Description: 1-55N-4W & 36-56N-4W LOT 5
PINWOOD BAY

Map showing a large wooded area with several small buildings and a road labeled "Moose Meadow Rd". A specific parcel is highlighted in red.

Map navigation controls: zoom in (+), zoom out (-), home (house icon).

Map data: © 2020 Bonner County | Esri, HERE, Garmin, IGC

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WATER USE VERIFICATION FOR WR# 96-9725

Current image(s) provided by applicant to verify irrigation.

