

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW/BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-17248

Exam Date: 1/22/2018

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? ☒ Yes ☐ No
- Irrigation of 5 acres or less
 - Storage of up to 14.6 AF for stockwater purposes only
 - Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
 - Other < >

2. Current Owner: Name: Chmura Family Trust
 Owner-of-Record Correct? ☒ Yes ☐ No
 Address-of-Record Correct? ☒ Yes ☐ No
 If No:

3. Beneficial Use Fees have been paid: ☐ Yes ☐ No ☒ N/A Receipt No:

4. SOURCE**TRIBUTARY**

Groundwater

Method of Determination: GIS, aerial photography, permit application. No well records were available for the property.Change in Source: ☐ Yes ☒ No**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: Overlap? ☒ Yes ☐ No

Water Right No.	Source	Purpose of Use	Basis
95-16895	Groundwater	Domestic, irrigation, stockwater	Claim

Comments: A POU overlap with the City of Coeur d'Alene is shown in GIS; however, the applicant does not mention availability of this water for irrigation purposes nor does it appear that they have any shares of the right as they applied for a domestic, irrigation and stockwater right for this property under CSRBA.

POU overlaps with Coeur d'Alene-Spokane River Basin Adjudication (CSRBA) water right claim 95-16895 for domestic, irrigation and stockwater purposes. A condition will be needed on the license to address this potential overlap.

2. Other water rights with the same point of diversion: Overlap? ☒ Yes ☐ No

Water Right No.	Source	Purpose of Use	Basis
95-16895	Groundwater	Domestic, irrigation, stockwater	Claim

Comments: A POD overlap exists with CSRBA water right claim 95-16895 for domestic, irrigation and stockwater purposes. The condition added to the license requires that if the claim is decreed as claimed, this right will be diminished by the amount necessary to avoid any redundancy of water right.

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

Source	Govt. Lot	¼	¼	¼	Sec.	TWP	RGE		County
Groundwater			NE	SE	6	50N	03W	B.M.	Kootenai

Method of Determination: Taxlots, GIS, permit application. No well records were available for the property.Change in POD? ☐ Yes ☒ No

Amendment Required?

☐ Yes ☒ No

2. **PLACE(S) OF USE:** Use: Irrigation

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
50N	03W	6													1.3				1.3

Method of Determination: The tax lots are owned by the Chmura Family Trust and the irrigated areas are visible in aerial photography.

Change in POU? ☐ Yes ☒ No Amendment Required? ☐ Yes ☒ No

☐ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.

☐ Aerial Photo Attached (required for irrigation of 10+ acres).

☐ Photo of Diversion and System Attached

4. Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
None					

*Code to correspond with No. on map and aerial photo

D. **FLOW MEASUREMENTS**

1. Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
None						

2. Measurements: In-office field exam. No measurements taken.

E. **FLOW CALCULATIONS**

☐ Additional Computation Sheet Attached

	Irrigation
Policy standard	0.03 cfs/acre
Permit allowed	0.03 cfs x 1.3 acres
License recommendation	0.04 cfs

F. **VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation:

$V = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{3.9 \text{ af}}$
I.R.

$V = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{19.5 \text{ af}}$
D.R.

$V = \text{Smaller of } V_{\text{I.R.}} \text{ and } V_{\text{D.R.}} = \underline{3.9 \text{ af}}$

Volume Calculations for Other Uses: _____

G. PURPOSE OF USEIrrigation ☒ Yes ☐ No # Stock _____ Domestic # of Homes _____

Other: < >

Change in Purpose of Use? ☐ Yes ☒ No

Method of Determination: Information in the water right file is consistent with aerial photography of the property.

If Yes: From Use _____ To Use _____ Amount _____ CFS _____ AFA _____

H. NARRATIVE/REMARKS/COMMENTS

Permit 95-17248 authorized diversion of 0.04 cfs of groundwater for irrigation of 1.3 acres. Because the permit authorizes irrigation of less than five acres, this permit qualifies for an in-office field exam.

Kootenai County tax parcel information shows that the Chmura Family Trust is the owner of the POD and POU. Tax records and aerial photography indicate that there is a house on the property with approximately 1.3 total acres of irrigated land. Coeur d'Alene-Spokane River Basin Adjudication (CSRBA) water right claim 95-16895 claimed this POU for irrigation, stockwater and domestic purposes; however, the claims have not yet been decreed. Condition 928 will be added to the license requiring that if claim 95-16895 is decreed as it is claimed, right 95-17248 will be diminished by the amount necessary to avoid any redundancy of water rights. The POU is located within the Rathdrum Prairie Ground Water Management Area (RPGWMA) so use of water under the right are subject to the provisions of the RPGWMA management plan.

The POU shape was created based on the 2017 aerial photography available in Google Earth which shows irrigated portions of the property. The POD is located to the north of the residence within the NESW quarter corner of Section 6 T50N R03W in Kootenai County.

Condition 1 (236) was removed because the condition was met when proof of beneficial use was submitted. Condition 2 (806) was removed because the condition is no longer active. Condition 3 (046) no longer applies because the POD has been developed. Condition 8 does not apply because the permit holder owns both the POU and the POD and the land is contiguous between the POU and the POD. Conditions 4-7 were retained for the license. Condition 928 was added to address potential overlapping rights from the CSRBA.

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

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Irrigation	3/15-11/15	0.04 cfs	3.9 af
Totals		0.04 cfs	3.9 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

J. AUTHENTICATION - Rachael Smith - Water Right AgentField Examiner's Name Rachael Smith Date 1/22/18Reviewer Daniel A. Nelson Date 1-22-18**Workflow**

Exam Date Entered ☒
 POU/POD shapes ☒
 Combined Rights Entry ☐
 Wild & Scenic Entry ☐
 Draft License and Maps ☒

Supporting Documents

Historical Imagery ☐ Well Log ☐
 Photographs ☐ Diagrams ☐
 LandSat ☐ Theoretical ☐
 Other: Google Earth 2017 Imagery

Permit 95-17248
2017 Satellite Imagery

