

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

A. GENERAL INFORMATIONPermit No: 95-10459

Exam Date: 08-13-14

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? X Y N
 - a. Irrigation of 5 acres or less
 - b. Storage of up to 14.6 AF for stockwater purposes only
 - c. **Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less**
 - d. Other < >
2. Current Owner: Name: Schmieder, Perterson, Pollen, Hallaren, Keenum
 Owner of Record Correct? X Y N
 Address of Record Correct? X Y N
 If No: Address 3 of 5 on permit. 4 of 5 on statement of completion.
3. Beneficial Use Fees have been paid: X Y N Receipt No: C099257

4. SOURCE**TRIBUTARY**

Groundwater

Method of Determination: well log

Change in Source:

 Y X N**B. OVERLAP REVIEW**

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

Water Right No.	Source	Purpose of Use	Basis

Comments: 95-12353 for property in SWNWSE, 95-9481 for property north and east of POU in NWSE, 95-9526 is for properties west and south of POU.

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

Water Right No.	Source	Purpose of Use	Basis

Comments:

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Groundwater			NE	SW	14	53N	03W	B.M.	Kootenai
								B.M.	

Method of Determination: Well log and application information.

Change in POD? Y X N Amendment Required? Y X N

2. **PLACE OF USE:** Use: Domestic and Irrigation

TW P	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
53N	03W	14									1.5	0.5				0.5			
		Lot #																	
Total Acres =																			2.5

Method of Determination: GIS imagery. POU in SENWSW, SENWSE, and NESW except SWNESW.

Change in POU? Y X N Amendment Required? Y X N

 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

*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

2. Measurements: < >

E. FLOW CALCULATIONS

 Additional Computation Sheets Attached

Measured Method:

Per Application Processing Memo # 2 – for 5 houses served, rate of flow = 0.11 cfs.

Per App. Processing Memo #17, up to 0.03 cfs/acre for irrigation up to 5 acres acceptable. $0.03 \times 2.5 \text{ acres} = 0.075$

Permit allowed = 0.11 cfs domestic and 0.08 irrigation

License recommend for 0.11 cfs. Domestic and 0.08 irrigation.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 2.5 \times 3.0 = 7.5$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.08 \times 214 \times 1.9835 = 34.0$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 7.5 \text{ afa}$$

2. Volume Calculations for Other Uses:

Pre field examiners handbook, domestic use for one home, no yard = 0.6 afa

Domestic for 5 houses. $0.6 \text{ afa} \times 5 = 3.0 \text{ afa}$

License recommend for <> afa domestic and 7.5 afa irrigation.

G. PURPOSE OF USE

Irrigation _____N # Stock _____ Domestic # of Homes _____5_____

Other:

Change in Purpose of Use? _____Y _____X_____N

Method of Determination: Home visible on GIS Imagery.

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

H. NARRATIVE/REMARKS/COMMENTS

Irrigation:

Headgate Requirement: 3.0

Consumptive Use: 2.0

Season of Use: 04/01 to 10/31

Water District: None

Groundwater Management Area: Rathdrum Prairie

Conditions:

004	This right does not grant any right-of-way or easement across the land of another.
R66	This right when combined with all other rights shall provide no more than 0.03 cfs per acre nor more than 3.0 afa per acre at the field headgate for irrigation of the lands above.
174	This right authorizes the diversion of ground water within the Rathdrum Prairie Ground Water Management Area (RPGWMA). Use of water under this right shall be subject to the provisions of the management plan approved by the director for the RPGWMA.
132	Domestic use is for 5 homes. Irrigation of lawn, garden and landscaping associated with the home is authorized under the irrigation component of this right.
01R	When notified by the Department, the right holder shall install and maintain a measuring device of a type acceptable to the Department as part of the diverting works.

Have conditions of permit approval been met? _____X_____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	04/01 to 10/31	0.08 CFS	7.5 AF
Domestic	01/01 to 12/31	0.11 CFS	3.0 AF
<u>Totals:</u>		0.19 CFS	10.5 AF

2. Recommended Amendments

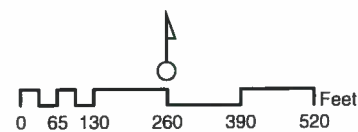
_____Change P.D. as reflected above _____Add P.D. as reflected above _____X_____None

_____Change P.U. as reflected above _____Add P.U. as reflected above _____X_____None

Other:

J. AUTHENTICATIONField Examiner's Name Danille B. [Signature] Date 08/13/14Reviewer Daniel A. [Signature] Date 9-29-14

95-10459



D. Favreau

SWNW

SENW

NWSW

14

NESW

53N03W

NWSE

SWSW

SESW

SWSE

SESE

Source: Esri, DigitalGlobe, GeoEye, I-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Process	Basin Sequence	Draft	Owner	Source	POD/POU	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total Acres
Water Right	95-10023	N	TORGERSON, TOM	GROUND WATER	POD				X													0
Water Right	95-10023	N	TORGERSON, TOM	GROUND WATER	POU	0.5		3.0	1.5													5
Water Right	95-10023	N	TORGERSON, TOM	GROUND WATER	POU	X	X	X	X													0
Water Permit	95-10459	N	BOLLEN, MARK; HALLAREN, KATHERINE; KEENUM, GAIL; PETERSON, CATHERINE; PETERSON, TERRY; SCHMIEDER, MICHAEL	GROUND WATER	POD									X								0
Water Permit	95-10459	N	BOLLEN, MARK; HALLAREN, KATHERINE; KEENUM, GAIL; PETERSON, CATHERINE; PETERSON, TERRY; SCHMIEDER, MICHAEL	GROUND WATER	POU									1.5	0.5				0.5			2.5
Water Permit	95-10459	N	BOLLEN, MARK; HALLAREN, KATHERINE; KEENUM, GAIL; PETERSON, CATHERINE; PETERSON, TERRY; SCHMIEDER, MICHAEL	GROUND WATER	POU									X	X				X			0
Adjudication Recommendation	95-11475		DEWEY, MARY W	SPIRIT LAKE	POD								X									0
Adjudication Recommendation	95-11667		FRASU, COLLEEN; WOOD, DENNIS	GROUND WATER	POD															X		0
Adjudication Recommendation	95-11667		FRASU, COLLEEN; WOOD, DENNIS	GROUND WATER	POU															X		0
Adjudication Recommendation	95-12281		HUFFMAN, FREDRICK W	GROUND WATER	POD		X															0
Adjudication Recommendation	95-12281		HUFFMAN, FREDRICK W	GROUND WATER	POU		X															0
Adjudication Recommendation	95-12353		HORN, NORA J; HORN, RONAL EUGENE	GROUND WATER	POD														X			0
Adjudication Recommendation	95-12353		HORN, NORA J; HORN, RONAL EUGENE	GROUND WATER	POU														X			0
Adjudication Recommendation	95-14412		THULIN, PETER; THULIN, SHEILA	GROUND WATER	POD															X		0
Adjudication Recommendation	95-14412		THULIN, PETER; THULIN, SHEILA	GROUND WATER	POU															X		0
Adjudication Recommendation	95-15407		BOMAR FAMILY REVOCABLE LIVING TRUST	GROUND WATER	POD															X		0
Adjudication Recommendation	95-15407		BOMAR FAMILY REVOCABLE LIVING TRUST	GROUND WATER	POU															X		0
Water Right	95-9481	N	SNOWY FIR WATER ASSN INC	GROUND WATER	POD														X			0
Water Right	95-9481	N	SNOWY FIR WATER ASSN INC	GROUND WATER	POU													3.8	4.2			8

Water Right	95-9481	N	SNOWY FIR WATER ASSN INC	GROUND WATER	POU							X	X	0
Adjudication Recommendation	95-9481		SNOWY FIR WATER ASSN INC	GROUND WATER	POD								X	0
Adjudication Recommendation	95-9481		SNOWY FIR WATER ASSN INC	GROUND WATER	POU							3.8	4.2	8
Adjudication Recommendation	95-9481		SNOWY FIR WATER ASSN INC	GROUND WATER	POU							X	X	0
Water Permit	95-9526	N	LINDSEY LANE WATER USERS ASSN	GROUND WATER	POD					X				0
Water Permit	95-9526	N	LINDSEY LANE WATER USERS ASSN	GROUND WATER	POU					1.0	2.0	1.5		4.5
Water Permit	95-9526	N	LINDSEY LANE WATER USERS ASSN	GROUND WATER	POU					X	X	X		0
Water Right	95-9526	N	LINDSEY LANE WATER USERS ASSN	GROUND WATER	POD					X				0
Water Right	95-9526	N	LINDSEY LANE WATER USERS ASSN	GROUND WATER	POU					1.0	2.0	1.5		4.5
Water Right	95-9526	N	LINDSEY LANE WATER USERS ASSN	GROUND WATER	POU					X	X	X		0
Water Right	95-9602	N	MAGNUSON, COLLEEN B; MAGNUSON, HARRY F	GROUND WATER	POU			X	X	X	X			0
Adjudication Recommendation	95-9602		UEBERROTH FAMILY TRUST	GROUND WATER	POU			X	X	X	X			0