

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

JUL 25 2011

DEPARTMENT OF WATER RESOURCES

A. GENERAL INFORMATION

Permit No. 63-33136

1. Owner Woods No. 3 Owners Association Inc.

Phone No. 208-854-0802

Current address c/o Lawrence Knight, 5181 N. Lakemont Ln., Boise, ID 83703-1772

2. Examiner's name Marci Pape

EXAM DATE 7/13/2011

3. Accompanied by Lawrence Knight

Email

Address same as above

Relationship to permit holder Resident and Water System Manager

Phone No.

4. Source Ground Water

tributary to

B. OVERLAP REVIEW

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

2. Other water rights with the same point of diversion None

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident. No.	Gov't Lot	1/4	1/4	1/4	Sec	Twp	Rge	County	Method of Determination/Remarks
1			SE	NE	23	4N	1E	Ada	Exam, 2009 Photo
2			NE	SE	23	4N	1E	Ada	Exam, 2009 Photo
3			NE	SE	23	4N	1E	Ada	Exam, 2009 Photo
4			NE	SE	23	4N	1E	Ada	Exam, 2009 Photo

2. Place(s) of Use:

Method of determination Exam, 2009 Photo

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
4N	1E	23				Lt 1									Lt 1				
						X									X			X	

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe diameter (inside), as applicable. Use the space provided or ☒ see attached.

Scale: 1" = _____

- ☒ Copy of USGS Quadrangle attached showing location(s) of point(s) of diversion and place(s) of use (**required**)
☒ 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. NARRATIVE/REMARKS/COMMENTS

Four ponds within Woods at Riverside No. 3 Subdivision intercept and fill with shallow ground water. Pond 1 is approximately 25 feet deep and ponds 2 through 4 are approximately 10 feet deep, all with sloped sides. A coefficient of 0.4 was used to account for the slopes. Total pond surface area was calculated at 4.5 acres using GIS tools and 2009 aerial photography. The recommended diversion points reflect geometric centers of the four ponds. Evaporative losses resulting from the ponds are mitigated with 5 shares of surface water from Boise Valley Irrigation Ditch Co. that is delivered through Headgate No. 21 to Elmore Drain per approved transfer 75285. Elmore Drain runs through the subdivision as shown in Attachment C. The Elmore Drain surface area was not included in the total surface area calculated for the ponds.

A licensing amendment needs made to add the SESE, Section 23 as part of the storage POU to account for a small portion of Pond 2 located in that tract as shown in Attachment C.

Attachment A is a copy of the permit and proof of beneficial use.

Attachment B is a topographical map and aerial photo.

Attachment C is photos of the places of use.

Has the permit holder met all conditions of permit approval, including any mitigation requirements and/or measuring device installation requirements? ☒ Yes ☐ No If no, what must be done to meet the permit requirements?

F. FLOW CALCULATIONS

Additional computation sheets attached

Measured Method:

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____

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

2. Volume Calculations for Other Uses:

Pond 1: 1.6 acres x 25' depth x 0.4 slope factor = 16 af

Pond 2: 1.9 acres x 10' depth x 0.4 slope factor = 7.6 af

Pond 3: 0.3 acre x 10' depth x 0.4 slope factor = 1.2 af

Pond 4: 0.8 acre x 10' depth x 0.4 slope factor = 3.2 af

Total pond volume = 28.0 af

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Aesthetic Storage	1/1	12/31		28.0
Totals:				28.0 afa

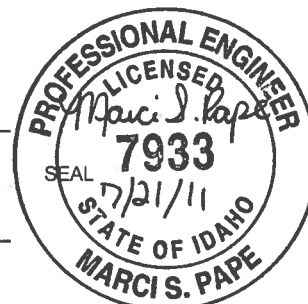
2. Recommended Amendments

- ☐ Change P.D. as reflected on page 1 ☐ Add P.D. as reflected on page 1 ☐ None
☐ Change P.U. as reflected on page 1 ☒ Add P.U. as reflected on page 1 ☐ Other

I. AUTHENTICATION

Field Examiner's Signature Marc S. Pape Date 7/21/11

Reviewer _____ Date _____



ATTACHMENT A

PERMIT RECORD AND PROOF OF BENEFICIAL USE

State of Idaho
Department of Water Resources
Permit to Appropriate Water

NO. 63-33136

Priority: December 09, 2008

Maximum Diversion Volume: 28.0 AF

This is to certify, that WOODS NO. 3 OWNERS ASSN INC
C/O LAWRENCE KNIGHT
5181 N LAKEMONT LN
GARDEN CITY ID 83714

has applied for a permit to appropriate water from:

Source: GROUND WATER

and a permit is APPROVED for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
AESTHETIC STORAGE	01/01 To 12/31		28.0 AF

LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER	SE 1/4 NE 1/4	Sec. 23, Twp 04N, Rge 01E, B.M., ADA County
GROUND WATER	L1 (NE 1/4 SE 1/4)	Sec. 23, Twp 04N, Rge 01E, B.M., ADA County
GROUND WATER	L1 (NE 1/4 SE 1/4)	Sec. 23, Twp 04N, Rge 01E, B.M., ADA County
GROUND WATER	L1 (NE 1/4 SE 1/4)	Sec. 23, Twp 04N, Rge 01E, B.M., ADA County

PLACE OF USE: AESTHETIC STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NW	SW	SE		
04N	01E	23				X												X	
						L1												L1	

CONDITIONS OF APPROVAL

1. Proof of application of water to beneficial use shall be submitted on or before **December 01, 2011**.
2. Subject to all prior water rights.
3. This right does not grant any right-of-way or easement across the land of another.
4. The four (4) ponds established by the storage of water under this right shall not exceed a total capacity of 28 acre-feet or a total surface area of 5 acres.

State of Idaho
Department of Water Resources

Permit to Appropriate Water

NO. 63-33136

5. Water stored under this right is subject to fluctuations of the water table caused by changes in the flow of local streams and by diversions under prior ground water rights. This right does not guarantee the maintenance of any particular ground water level.
6. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 63, Boise River.
7. Upon specific notification by the Department, the right holder shall install a lockable device of a type acceptable to the Department in a manner that will provide the watermaster suitable control of the diversion.
8. The water-bearing zone is from 1 to 25 feet.
9. As mitigation for this permit, the right holder shall retain ownership of shares of water in the Boise Valley Irrigation Ditch Company for the land being removed from irrigation under Transfer No. 75285. As mitigation for this permit, the right holder shall retain ownership of shares of water in the Boise Valley Irrigation Ditch Company for the land being removed from irrigation under Transfer No. 75285. Use of water represented by those shares on lands other than lands owned by the water right holder in the SENE and NESE of Section 23, T04N, R01E, is prohibited, or sale of any portion of the shares is cause for the Director of the Department of Water Resources to cancel this right.
10. This permit does not authorize the construction of any new well(s) or the withdrawal of water from any existing well or the excavation of new pond(s). This permit authorizes the use of four existing ponds that fill shallow ground water.
11. Place of use is located within Woods #3 Subdivision.
12. The Director retains jurisdiction to require the right holder to provide purchased or leased natural flow or stored water to offset depletion of Lower Snake River flows if needed for salmon migration purposes. The amount of water required to be released into the Snake River or a tributary, if needed for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this permit.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code. Witness the signature of the Director, affixed at Boise, this 12 day of November, 20 10.


JOHN WESTRA, Western Regional Manager

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
STATEMENT OF COMPLETION
FOR SUBMITTING PROOF OF BENEFICIAL USE

FOR OFFICE USE ONLY

Amt. of Fee \$: _____
Receipt No. _____
Receipt By: _____
Date Received: _____

The Idaho Department of Water Resources considers this form a statement by the permit holder(s) that development of a water right has been **completed** and that water has been applied to beneficial use to the extent described below. **This form must be accompanied by an examination fee, when necessary, or by a completed Beneficial Use Field Report prepared by a certified water right examiner.** Please refer to the instructions and fee schedule for this form. If ownership of the permit has changed, please contact any Department office or visit the Department's website at: www.idwr.idaho.gov for an *Assignment of Permit* form. If you wish to relinquish your permit because you have not established the authorized use of the water and are not applying for an extension, please notify the Department in writing.

1. Permit No.: 63-33136 Telephone No.: 208-854-0802

2. Name of Permit Holder(s): Woods No. 3 Owners Association, Inc.

3. Mailing Address: c/o Lawrence Knight, 5181 N. Lakemont Ln. City: Boise

State: ID Zip: 83714 Email: _____

4. Source of Water: Ground Water If **GROUND WATER** (well), Date Drilled: mo. _____ / yr. _____

Well Driller: _____ Drilling Permit Number: _____

5. Extent of use(s) completed (as authorized by the water right permit):

Domestic (No. of households): _____ Stockwater (No. and type of stock): _____

Irrigation (No. of acres): _____ Other: Four Ponds

6. Total rate of diversion or storage volume for which proof is submitted: _____ cfs OR 28.0 acre-feet.

7. Compliance with a measuring device requirement, lockable controlling device requirement, and/or other conditions of permit: **Refer to the approval conditions on your permit and respond accordingly. The Department will not issue a license if permit conditions are not met.**

Measuring Device: Is a measuring device required?

Yes ☐ No ☒
If yes, has the measuring device been installed? Yes ☐ No ☐

Lockable Controlling Device: Is a lockable device required to control the diversion?

If yes, has the lockable device been installed?

Yes ☐ No ☒
Yes ☐ No ☐

Other Conditions of Permit: Do the approval conditions on your permit require you to submit additional information in connection with your proof of beneficial use? If yes, list the conditions below and attach documents with the required information.

Completed? Yes ☐ No ☐

8. Fee Enclosed: \$ n/a See fee schedule on back of the instructions for filing proof of beneficial use.
Proofs filed without an appropriate fee, will be considered incomplete.

9. Person to contact to accompany the Department representative during field examination of the water system.

Name: _____ Telephone Number: _____

Mailing Address: _____ City: _____

State: _____ Zip: _____ Email: _____

The information given on this form is my true statement of the extent to which the above numbered permit has been developed and water has been diverted and applied to a beneficial use. I understand that any undeveloped portion of the permit is relinquished to the State of Idaho.

Signature of permit holder: Lawrence Knight Date: 2-13-11

(Include your title, if on behalf of company or organization)
c/o Woods No. 3 Water Association

Mail to: Idaho Department of Water Resources, PO Box 83720, Boise, ID 83720-0098

ATTACHMENT B
TOPO MAP AND 2009 AERIAL PHOTO

T4N R1E

2009 Photo

Elmore Drain

23

24

1

4

3

2

Legend

-  Ponds POU
-  Subdivision Boundary
-  Sections

Permit 63-33136



0 300 600 Feet



T4N R1E

Elmore Drain

Mile 7.4

2600

Legend

-  Ponds POU
-  Subdivision Boundary
-  Sections

Permit 63-33136



0 300 600 Feet



SPF WATER
ENGINEERING

ATTACHMENT C
PHOTOS



Photo 1: Pond 1, taken from east edge looking northwest



Photo 2: Pond 4, looking west from Lakemont Dr.



Photo 3: Pond 4 looking SE, culvert running under Lakemont Dr.



Photo 4: Pond 4 joining with Pond 2, looking E from Lakemont Dr.



Photo 5: Pond 3, looking SW from NE edge; culvert in photo is an outlet to another pond to the west of subdivision

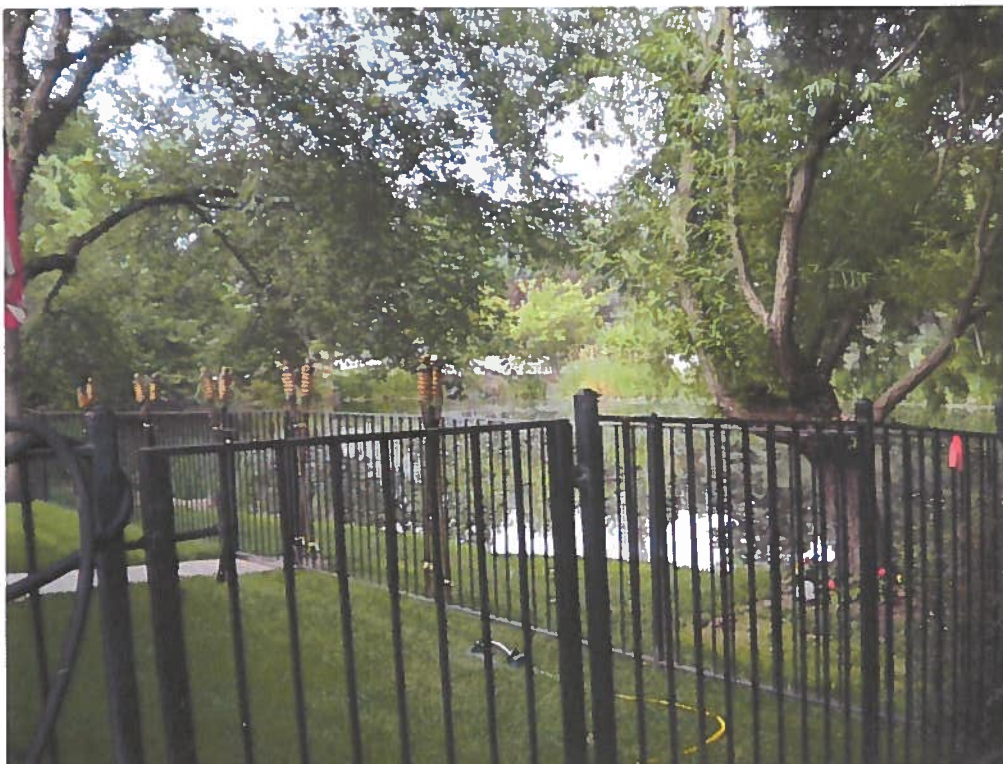


Photo 6: Pond 3, looking S from NE edge of pond; inlet from another chain of ponds is on far left edge of photo (not visible here)



Photo 7: Elmore Drain as it enters Woods No. 3 Subdivision from the east