

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 63-31135

Exam Date: 10/1/2011

1. Current Owner: STONEBRIAR HOMEOWNERS ASSOCIATION INC
7353 N. STONEBRIAR LANE
MERIDIAN ID 83646
2. Accompanied by: no one – no one knowledgeable about the system is associated with the HOA
Phone No:
Address:
Relationship to Permit Holder:

3. SOURCE TRIBUTARY
GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: Eureka Ditch Co. shares for irrigation
2. Other water rights with the same point of diversion: none

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

GROUND WATER	L8 SE1/4SE1/4	Sec. 17, Twp 04N, Rge 01W, B.M.
ADA County		
GROUND WATER	NE1/4NE1/4	Sec. 20, Twp 04N, Rge 01W, B.M.
ADA County		
GROUND WATER	NE1/4NE1/4	Sec. 20, Twp 04N, Rge 01W, B.M.
ADA County		
GROUND WATER	NE1/4NE1/4	Sec. 20, Twp 04N, Rge 01W, B.M.
ADA County		
GROUND WATER	NE1/4NE1/4	Sec. 20, Twp 04N, Rge 01W, B.M.
ADA County		
GROUND WATER	L8 SE1/4SE1/4	Sec. 17, Twp 04N, Rge 01W, B.M.
ADA County		
GROUND WATER	L8 SE1/4SE1/4	Sec. 17, Twp 04N, Rge 01W, B.M.
ADA County		

Method of Determination: aerial – 2011 Bing Photography

2. PLACE OF USE: AESTHETIC STORAGE

TwpRge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
04N01W 17																X L 8	
04N01W 20	X																

Method of Determination: aerial photos

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.

<u>Well or Diversion</u>					<u>Pump Serial No. or Discharge</u>
<u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Size</u>

The points of diversion are located in the center of each pond on the map

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

D. FLOW MEASUREMENTS

1.

<u>Measurement</u>						
<u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>

2. Measurements: none taken

E. FLOW CALCULATIONS ☐ Additional Computation Sheets Attached

Measured Method:

Not applicable – no flow component on permit

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: not applicable

$$V = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$\text{I.R.}$$

$$V = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$\text{D.R.}$$

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

2. Volume Calculations for Other Uses: aesthetic storage

Using IDWR standard equation calculation for ponds with depth of 20 feet and slope sides is surface area x max depth x 0.4

POND # 4:

Surface area = 0.89 acre.

$$0.89 \text{ ac} \times 20 \times .4 = 7.12 = 7.1 \text{ af}$$

POND # 5:

Surface area = 0.89 acre.

$$0.89 \times 20 \times 0.4 = 7.12 = 7.1 \text{ af}$$

POND # 6:

Surface area = 0.64 acre.

$$0.64 \times 20 \times 0.4 = 5.12 = 5.1 \text{ af}$$

POND # 7:

Surface area = 0.66 acre.

$$0.66 \text{ ac} \times 20 \times .4 = 5.28 = 5.3 \text{ af}$$

POND # 8:

Surface area = 1.44 acre.

$$1.44 \times 20 \times 0.4 = 11.52 = 11.5 \text{ af}$$

POND # 9:

Surface area = 0.32 acre.

$$0.32 \times 20 \times 0.4 = 2.56 = 2.6 \text{ af}$$

POND # 10:

Surface area = 0.50 acre.

$$0.50 \times 20 \times 0.4 = 4.0 \text{ af}$$

$$\text{TOTAL} = 7.1 + 7.1 + 5.12 + 5.3 + 11.5 + 2.6 + 4 = 42.7 \text{ af} = 43 \text{ af}$$

G. NARRATIVE/REMARKS/COMMENTS

This permit was issued for aesthetic storage in 7 ponds in the Stonebriar Subdivision in Meridian. The correct fee was paid. I met the President of the HOA, Daniela Hansell, and her husband, Jeff, however, there is not anyone associated with the HOA who is familiar with the development of the pond system. So, no one accompanied me during the exam.

Mrs. Hansell stated that the address of record and phone number needs to be changed because the current information is that of a property management company that no longer represents the HOA. Mrs. Hansell filed a change of registered agent with the Idaho Secretary of State, to herself and her home address. It is in the file.

These ponds are part of a 12-pond system in the subdivision. The permits were issued under 3 permits because the ponds comprise 3 separate systems. The field exams for the 3 permits were conducted the same day. I have numbered the ponds from 1 to 12 to avoid confusion when referring to the ponds in each system. Ponds # 4 - # 10, permitted here in 63-31135, are limited to a surface area of 6.1 acres and a storage volume of 54 af. The ditches connecting ponds # 4 through # 8 are clearly seen in the 2011 aerial and were seen during the field exam.

I could not see an outlet from pond # 8 to pond # 9 during the exam. Both ponds are overgrown along portions of the pond boundaries, and there are landscape plantings as well that may be obscuring any outlets/inlets. It appears from the aerial that there may be an outlet from # 8 on the north that crosses under Rosebriar Lane, to # 9. I was not able to identify any inlet or outlet from pond # 10. Pond # 10 is located close to the Eureka Ditch Co. pump station so this may be the pond referred to in the application as the pond to which surface water is pumped and used for irrigation.

The application states that water will return to a side channel of the Boise River. The side channel is only 200 feet north of pond # 9 and about 170 feet north of pond # 10. It appears on the aerial and during the field exam that there is a ditch from pond # 9 to the channel. In any case, the river is so close, there is most likely groundwater flowing from the area of the ponds to the river.

The narrative attached to the original application states that the pond depths are 20 feet, so I used this value when calculating volume.

Pond #	surface area - acres	volume - af
4	0.89	7.12
5	0.89	7.12
6	0.64	5.12
7	0.66	5.28
8	1.44	11.5
9	0.32	2.56
10	<u>0.5</u>	<u>4.0</u>
TOTAL	5.34 = 5.3	42.7 = 43 af

Based on my calculations, the surface area of the 7 ponds totals 5.3 acres and the volume totals 42.7 af. These are less than the permit limits. I recommend for licensing a volume of 43 af. *

The Eureka Ditch Co. has historically provided surface water for irrigation on the property, and transfer 70169 was approved to provide mitigation for pond evaporation for the three permits. The mitigation plan proposed retiring approximately 10.5 irrigated acres for mitigation and leaving 0.11 cfs and 21.4 af undiverted to provided for ground water recharge. ← 71069

I contacted the applicant for verification that 0.11 cfs remains undiverted per the condition. Because more than 10.5 acres were retired due to development, it is certain that the volume component of the condition has been met. That information was provided and is in the file in an email from Jan Rose, with Star Property Management. Based on the field exam, the condition regarding mitigation has been met.

Have conditions of permit approval been met? ☒ Yes ☐ No

The condition limiting the surface area and the volume should be modified to a surface area of 5.3 acres and a volume of 43 af.

Add R05 - 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.

H. RECOMMENDATIONS

- 1) Permit amount _____ cfs &/or 54 af storage
- 2) Beneficial use limit _____ cfs &/or _____ af storage
- 3) System measurement _____ cfs &/or 43 af storage
- 4) Proof fee amount _____ cfs &/or 100 af storage

* SAME NOTE AS IN 63-31134 exam - JLC 9/9/13

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
AESTHETIC STORAGE	01/01 to 12/31		43.00 AF
	<u>Totals:</u>		43.00 AF

2. Recommended Amendments

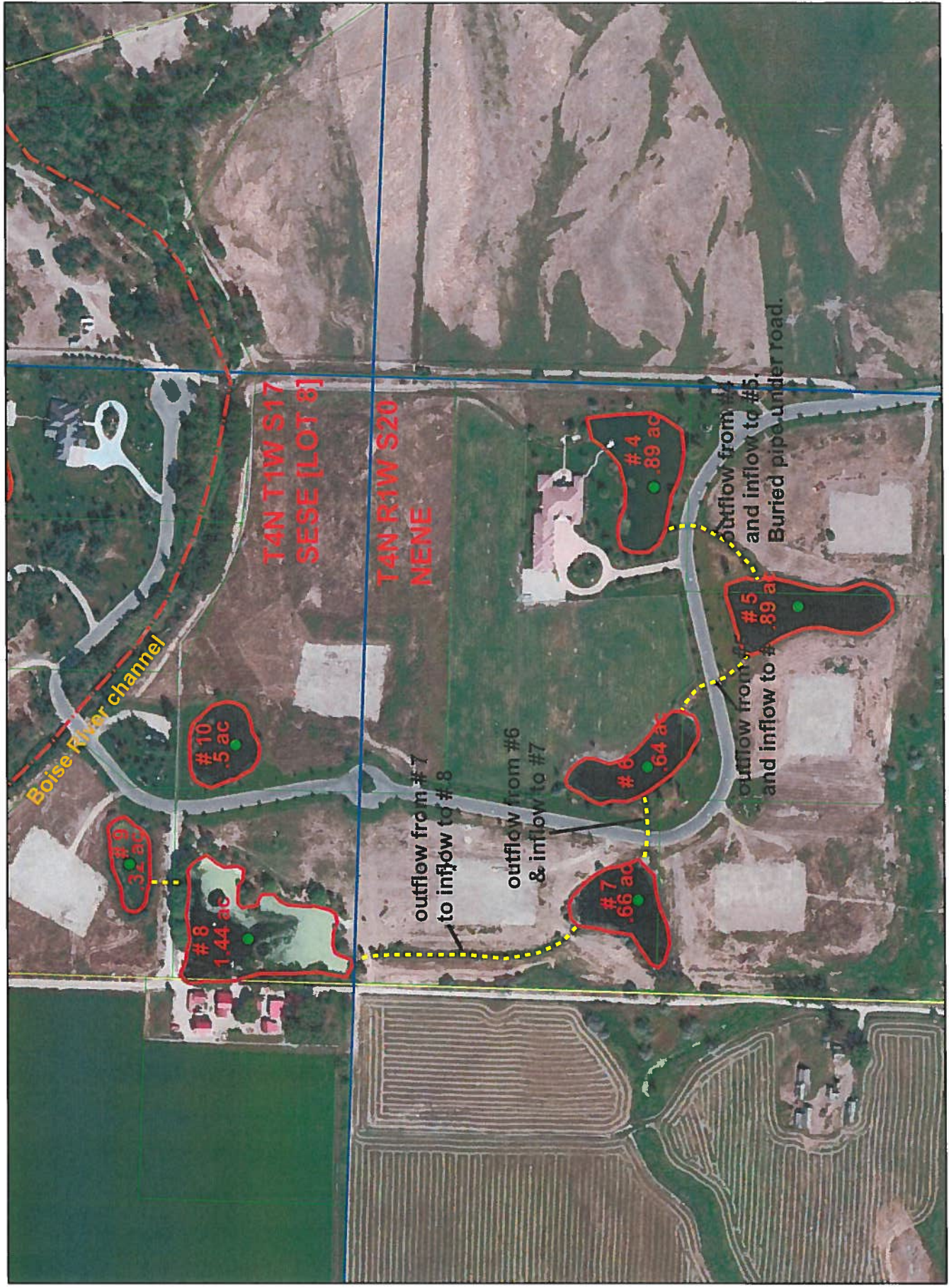
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Ying Ma Date 10-2-12

Reviewer _____ Date _____



63-311135-- 2011 BING PHOTOGRAPHY. Place of use is 7 ponds outlined in orange. points of diversion in green.

63-31135 -- Field exam photographs



Pond # 4 from N. Stonebriar Lane.



Culvert from pone #4 to pond #5.



Outlet from pond # 5 to pond # 6.



Outlet from pond # 6 to pond # 7.



Pond # 7.



Pond # 8.



Pond # 9.



Boise River side channel.

Music, Vicky

From: jan rose [janrose.spm@gmail.com]
Sent: Tuesday, April 30, 2013 2:18 PM
To: Music, Vicky
Subject: Fwd: Stonebriar Permit

Please see below. It came back for technical issues

----- Forwarded message -----

From: jan rose <janrose.spm@gmail.com>
Date: Tue, Apr 30, 2013 at 2:15 PM
Subject: Stonebriar Permit
To: Vicky.Music@idwr.idho.gov

Hi Vicky:

I believe I have the information necessary for the Stonebriar Permit to Appropriate Water 63-31134, 63-3115 and 63-3116.

Eureka Water supplies Stonebriar with 90 shares of water. Per the water company that equates to 1.6 cfs or 718.4 gal/min.

The Stonebriar pump rate is 1.3 cfs or 583.7 gal/min.

The current surplus is 134.7 gal/min.

Per your letter of February 8, 2013 the subdivision needs to ensure that 0.11 cfs is to remain undiverted. That amount equates to 49.4 gal/min.

Based on the surplus and the amount needed to remain undiverted the association currently is well over the required amount. As more homes are built, some of the surplus will be used. Currently not all homes or common areas are irrigating at the same time, so there will not be a problem with retaining the required amount in the ditches.

Please let me know if you need anything further. Thanks you for allowing the extension of time.

--

Jan Rose
Star Property Management
P.O. Box 810
Star, Idaho 83669
[208-286-9666](tel:208-286-9666)
[208-286-0563](tel:208-286-0563) fax

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Jan Rose
Star Property Management

Music, Vicky

From: Music, Vicky
Sent: Tuesday, March 12, 2013 4:02 PM
To: 'janrose.spm@gmail.com'
Subject: Stonebriar
Attachments: CONSULTANT LIST .DOC

Jan –

This e-mail confirms an extension of the deadline to submit information I requested from the Stonebriar HOA in a letter dated February, 2, 2013. The new deadline is April 30, 2013.
Attached is a list of consultants. Please call or e-mail me with questions.

Sincerely,

Vicky Music
Sr. Water Resource Agent
IDWR Western Region
2735 Airport Way
Boise, ID 83705
208.334.2190



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

February 8, 2013

STONEBRIAR HOMEOWNERS ASSN INC
7353 N STONEBRIAR LANE
MERIDIAN, ID 83646

RE Permit Nos. 31134, 63-31135 and 63-31136

Dear Mrs. Hansell:

I met with you and your husband on October 1, 2012, during the field exams I conducted for the pond system in the Stonebriar Subdivision. There is one last bit of information the Department needs before these permits can be licensed.

One of the conditions of approval of the permits is that a portion of the water historically delivered to the property be left in the ditch system for shallow ground water recharge. I have attached the condition from permit 63-31134. The condition is in all three of the permits.

Please provide a brief description of how the subdivision tracks the 0.11 cfs / 21.4 acre-feet that is to remain undiverted. For instance, do you have someone who is responsible for the surface water diversion system and recordkeeping?

Please submit the requested information either in writing or call me and I will note the information in a telephone memo, by February 22, 2013. You can reach me at 208.334.2190. Thank you.

Sincerely,

Vicky Music
Sr. Water Resource Agent

Enclosure: Permit to Appropriate Water 63-31134, page 2

State of Idaho
Department of Water Resources
Permit to Appropriate Water

NO. 63-31135

- 5. To offset the depletion of water resulting from the use of water under this right, the right holder shall, in cooperation with the owner of Rights 63-145 and 63-16383, divert 0.11 cfs and an annual diversion volume of 21.4 af for ground water recharge as authorized by Transfer 71069. If the right holder cannot continue to implement this mitigation plan every year for any reason, the right holder shall immediately implement an alternative mitigation plan approved by the Department.
6. 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.
7. Place of use is the Stonebriar Subdivision.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code. Witness the signature of the Director, affixed at Boise, this 23rd day of July, 2009.

Shelley W. Keen
for GARY SPACKMAN, Interim Director



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

September 18, 2012

Stonebriar Homeowners Association, Inc.
c/o Daniela Hansell
7353 N. Stonebriar Lane
Meridian, ID 83646

Re Permits To Appropriate Water Nos. 63-31134, 63-31135 and 63-31136

Dear Ms. Hansell:

The permits referenced above were issued to the Stonebriar HOA for aesthetic storage in several ponds. This letter is to request that you call me to schedule the field exam for this permit. A field exam is required by Idaho law before a license can be issued, at which time it becomes a water right. The license is the end product needed for continued water use.

Please call me at 208.334.2190, by **October 2, 2012**, to set an appointment for the exam. Failure to respond to this letter request may result in the permit being voided or a license issued for less than the permitted amount. Thank you.

Sincerely,

Vicky Music
Sr. Water Resource Agent

FILED EFFECTIVE



STATEMENT OF CHANGE OF REGISTERED AGENT,
REGISTERED OFFICE, OR BOTH
(See reverse for Instructions)

12 JAN 20 11 9:16

File #: C153482 SECRETARY OF STATE
STATE OF IDAHO

The undersigned entity submits the following statement for the purpose of changing its registered agent, its registered office, or both, in the State of Idaho.

1. The name of the entity is:

Stonebriar Homeowner's Association, Inc.

2. The name and street address of its old registered agent and office is:

Stonebriar Homeowner's Association, Inc.
Ann Marie Baird
6223 N. Discovery Way Ste 120
Boise, ID 83713

3. The name and street address of its new registered agent and office in Idaho is:

Daniela Hansell
7353 N. Stonebriar Ln.
(not a PO box or PMB)
Meridian, ID 83646

I consent to serve as registered agent for the above-named entity.

Dan Hansell
(Signature of new registered agent)

1/19/2012
(Date)

Dated: 1/19/2012

Signature: Dan Hansell

Printed: Daniela Hansell

Capacity: Stonebriar HOA, Inc. President

FILE ONE COPY

NO FEE REQUIRED

change_ra_ro.pmd Rev. 07/2010

Address change