

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

SEP 13 2016

WATER RESOURCES
WESTERN REGION

A Beneficial Use Field Report is prepared by a water right examiner as the result of an examination to clearly confirm and establish the extent of the beneficial use of water established in connection with a permit during the development period authorized by the permit and any extensions of time previously approved.

A. GENERAL INFORMATIONPermit No. 63-341831. Owner Bel Air Eagle, LLCPhone No. 972-265-6900Current address 2500 N. Dallas Pkwy. Ste. 424, Plano, TX 750932. Examiner's name Terry Scanlan, P.E. (Examiner No. 15-129)EXAM DATE December 22, 2015

3. Accompanied by _____

Email _____

Address _____

Relationship to permit holder _____

Phone No. _____

4. Source Ground Watertributary to Boise River**B. OVERLAP REVIEW**1. Other water rights with the same place of use 63-32789, 63-326012. Other water rights with the same source and point of diversion 63-32601**C. DIVERSION AND DELIVERY SYSTEM**

1. Point(s) of Diversion:

Ident. No.	Gov't Lot	¼	¼	¼	Sec	Twp	Rge	County	Method of Determination/Remarks
	1		NE	NE	14	4N	1W	Ada	Exam, 2015 aerial photo

2. Place(s) of Use:

Method of determination _____

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	1W	14	J																
			Lt 1																

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
n/a					

*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
n/a						

2. **Measurements:** _____

Volume determined by taking soundings of pond depth, and by GIS determination of pond surface area. Pond depth ranged from 22 to 27 feet at approximately 15 locations, all more than 50 feet off shore. Allowing for side slopes, average depth is approximately 20 feet.

E. NARRATIVE/REMARKS/COMMENTS

The examiner has observed the pond and confirms no changes to the storage volume have occurred since the field exam conducted in December 22, 2015, for license 63-32601, for which an excavated pond with an average depth of 20 feet and 4.7 acres surface area was found. The parameters of right 63-32601 allowed licensing of 74 af of the pond's current 94 af capacity and a surface area of 3.7 acres. This permit (63-34183) covers the additional 20 af of volume and 1.0 acres of surface area that has been developed. Seepage loss is not a factor since the pond naturally fills with shallow ground water. A well located in the NENE, Section 14, currently provides ground water recharge water to the pond to mitigate for the resulting evaporative losses, however this use and diversion is covered under decree 63-32789 per approved transfer no. 73833.

The pond provides aesthetic benefits to existing land owner and will be used as part of a proposed residential development. There are visible fish in the pond and evidence of fishing activities.

Attachment A: permit record, proof of beneficial use

Attachment B: topographical map, 2015 aerial photo map, concept plan map

Attachment C: exam photos

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?

Water bearing zone appropriated is from 0 to 30 feet.

F. FLOW CALCULATIONS

☐ Additional computation sheets attached

Measured Method:

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

$$V_{D,R} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

Developed pond volume: 4.7 acres surface area x 20 feet average depth = 94 af

License 63-32601 pond volume: 3.7 acres surface area x 20 feet average depth = 74 af

Permit 63-34183 pond volume: 1.0 acres surface area x 20 feet average depth = 20 af

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion	Annual Volume
	From	To	Q (cfs)	V (afa)
Aesthetic Storage	1/1	12/31		20.0
	Totals:			20.0

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

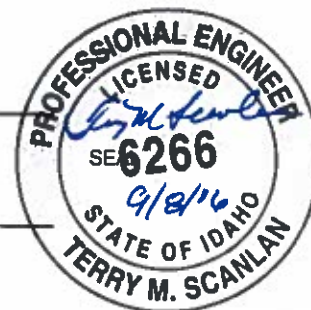
I. AUTHENTICATION

Field Examiner's Signature

Date _____

Reviewer

Date _____



ATTACHMENT A

PERMIT RECORD, PROOF OF BENEFICIAL USE

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Water Permit Report

9/7/2016

WATER RIGHT NO. 63-34183

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	BEL AIR EAGLE LLC 2500 N DALLAS PKWY STE 424 PLANO, TX 75093 972-265-6900
Representative	SPF WATER ENGINEERING LLC C/O LORI GRAVES 300 E MALLARD DR STE 350 BOISE, ID 83706 (208)383-4140

Priority Date: 12/23/2015
Status: Active

<u>Source</u>	<u>Tributary</u>
GROUND WATER	BOISE RIVER

<u>Beneficial Use</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
AESTHETIC STORAGE	01/01	12/31		20 AFA
Total Diversion			20 AFA	

Location of Point(s) of Diversion:

GROUND WATER|NENE Lt 1|Sec. 14|Township 04N|Range 01W|ADA County

Place(s) of use:

Place of Use Legal Description: AESTHETIC STORAGE ADA County

<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>
04N	01W	14	1	NENE										

Conditions of Approval:

1. 936 Per Transfer 73833, Right 63-32789 authorizes the diversion of 0.07 cfs and 13.0 af of water to ground water recharge to offset evaporation losses from the pond authorized by this right.
2. 937 The right holder shall maintain control of the portion of Right 63-32789 used for ground water recharge purposes in concert with this right.
3. Failure to mitigate, while still diverting water under this permit, is cause for the director to cancel a water right permit or revoke a subsequently approved water right license.
4. 220 The pond established by the storage of water under rights 63-32601 and 63-34183 shall not exceed a total capacity of 94 acre-feet or a total surface area of 4.7 acres.
5. 930 Water bearing zone to be appropriated is 0 to 30 feet.
6. 123 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. 046 Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.
8. 121 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.
9. 26A 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.
- Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which the permit holder had no control.

Dates:

Proof Due Date: 08/01/2021

Proof Made Date:

Approved Date: 07/29/2016

Moratorium Expiration Date:

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

Application Received Date: 12/23/2015

Protest Deadline Date: 04/25/2016

Number of Protests: 0

Field Exam Date::

Date Sent to State Off:

Date Received at State Off:

Other Information:

State or Federal:

Owner Name Connector:

Water District Number:

Generic Max Rate per Acre:

ATTACHMENT B
TOPOGRAPHICAL MAP, 2015 AERIAL MAP





ATTACHMENT C
EXAM PHOTOS



View of pond looking west



View of pond looking west



View of pond looking east



View of pond looking north

Beneficial Use Proof Evaluation

Permit Number: 63-34183 Reviewer: agrimm Review Date: 9/22/2016

Acceptability

- 1) Is the contact on the request the current permit holder? Yes
- 2) Does the address of record need to be updated? No
- 3) Proof Submitted Date: 9/13/2016
- 4) Proof Due Date: 8/1/2021
- 5) Days added for weekend due date? 0
- 6) Days added for holiday due date? 0
- 7) Number of days late: -1783
- 8) Proof received timely? Yes

Analysis

- 1) Are the water uses correct? Yes
- 2) Is a measuring device required? No
- 3) Is a measuring device installed? No
- 4) Is a measuring device waiver requested? No
- 5) Drilling Permit Number:
- 6) Is a drilling permit upgrade needed? No
- 7) Was a well drillers report filed? No
- 8) Is proof accepted? Yes

Fees

- 1) Is a licensing exam fee required? No
- 2) Was proof submitted with an exam report from a CWE? Yes
- 3) Filing fee due: \$0.00
- 4) Filing fee submitted: \$0.00
- 5) Remaining fee or (refund): \$0.00

Receipt IDs

W043764

Comments

W043764 Permit App Receipt. Proof submitted with certified examiner report, no fee required with proof submittal.



September 8, 2016

RECEIVED

SEP 13 2016

WATER RESOURCES
WESTERN REGION

Patrick Kelly
IDWR Western Region Office
2735 Airport Way
Boise, ID 83705

Subject: Beneficial Use Field Exam; Permit 63-34183

Dear Patrick,

Enclosed on behalf of Bel Air Eagle, LLC, is a Beneficial Use Field Exam for Permit 63-34183. As you recall, this permit is for the additional pond volume Terry Scanlan found developed when conducting the licensing exam for water right 63-32601 in December, 2015. Because total pond volume has not changed over the past nine months (as stated by Terry in the exam narrative), the exam findings for license 63-32601 have been incorporated into the enclosed report for permit 63-34183.

Thank you very much for your consideration and assistance in this matter. Please call me or Terry if you have any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read "Lori Graves", is written over a light blue horizontal line.

Lori Graves
Water Rights Specialist

Cc: Ronny Guerrero via email
Dave Yorgason via email

Enclosures

SPF file number: 1234.0010