

A. GENERAL INFORMATION

Exam Date: 8/8/2013

- | 3. <u>SOURCE</u> | <u>TRIBUTARY</u> |
|------------------|------------------|
| GROUND WATER | BOISE RIVER |

1. Other water rights with the same place of use: none
2. Other water rights with the same point of diversion: none

1. LOCATION OF POINT(S) OF DIVERSION:

Method of Determination:

PLACE OF USE: AESTHETIC STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				
			<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>Totals</u>
04N	02W	7									X			X		X			
										L 3				L 3		L 2			

Method of Determination:

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.

Well or Diversion**ID No.*****Motor Make****Hp****Motor Serial No.****Pump Make****Pump Serial No. or Discharge Size**

The 6 PODs are located in the center of the ponds on the aerial photo. No specs.

*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: none taken

E. FLOW CALCULATIONS ☐ Additional Computation Sheets Attached

Measured Method:

Not applicable – no flow component

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: not applicable

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

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

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

2. Volume Calculations for Other Uses: aesthetic storage

The original applicant's consultant submitted a table of the surface area, average depths and volume of each of the ponds. I used this for the average depths to calculate total volume, provided below.

POND	SURFACE AREA [acres]	AVE DEPTH [feet]	VOLUME [af]
1	0.32	7	2.1
2	2.8	10.3	11.2
3	0.22	5.5	1.21
4	0.22	5.9	1.3
5	0.20	5.7	1.14
6	<u>8.3</u>	10.9	<u>38.4</u>
TOTALS	12.06 = 12		55.35 = 55.4

The total capacity of the ponds is 55.4 af.

Evaporative loss is calculated using 42.5 inches/ year/ acre from the IDWR Pond Evaporation Map. Loss is 42.5 inches/12 inches x 12 acres = 3.5 feet x 12 acres = 42.5 af. Total volume to be licensed is 55.4 af + 42.5 af = 97.9 af = 98 af.

G. NARRATIVE/REMARKS/COMMENTS

This permit was issued for 6 aesthetic ponds in the Middleton Lakes Subdivision. An assignment of permit was submitted and processed so the permit ownership is current. The proof was filed late, after IDWR sent a lapsed permit notice IDWR reinstated the permit and advanced the priority date to 10/14/2009.

Ryan Martin, representative of the subdivision's property management company, responded to my letter regarding the field exam. He stated that the subdivision has been bank-owned but was recently acquired by Corey Barton homes. He stated that there is no one associated with the development that knows anything about the construction of the ponds, and there are no documents whatsoever available to review, but that ponds 3, 4 and 5 were connected and used for irrigation of common areas. He looked for outflow points but did not see any. No one accompanied me on the field exam.

The 6 ponds were developed. The total surface area of all of the pond is about 12 acres. The volume calculations are provided in the volume section above. Total volume to be licensed is 98 af.

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

H. RECOMMENDATIONS

- 1) Permit amount cfs &/or 183 af storage
2) Beneficial use limit cfs &/or af storage
3) System measurement cfs &/or 98 af storage
4) Proof fee amount cfs &/or 200 af storage

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		98.00 AF
<u>Totals:</u>			98.00 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

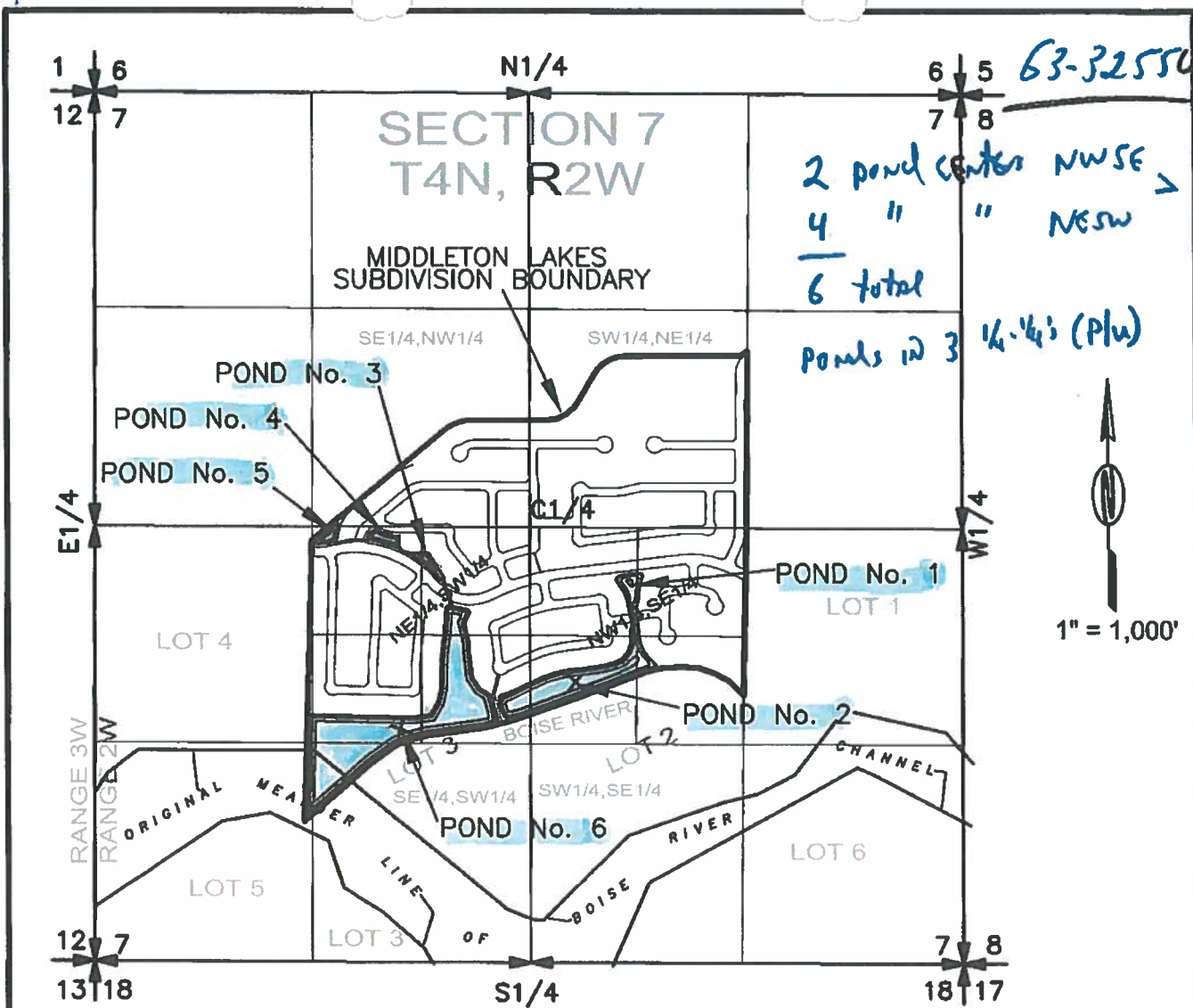
I. AUTHENTICATION

Field Examiner's Name Windy Cunic Date 5-14-14
Reviewer _____ Date _____



63-32550 -- Middleton Lakes HOA. PODs are green points in middle of each of the excavated aesthetic ponds. The PODs are the ponds, outlined here in red. The surface area is labeled, and the ponds are designated by a number that corresponds to the field exam narrative.

~~Page 1 of 1~~



POND DATA

POND No.	LOCATION POINTS OF DIVERSION POINTS OF USE 1/4SEC, 1/4SEC, 1/4SEC	SURFACE AREA (ACRES)	VOLUME (ACRES-FEET)	AVE. DEPTH (FEET)
1	NW,NW,SE (GOV. LOT 2)	0.43 ¹³	2.1 3.02	7.0
2	SW,NW,SE (GOV. LOT 2)	3.16 ^{2.8}	11.2 32.54	10.3
3	NE,NE,SW (GOV. LOT 3)	0.19 ²²	1.21 1.04	5.5
4	NW,NE,SW (GOV. LOT 3)	0.24 ²²	1.3 1.40	5.9
5	NW,NE,SW (GOV. LOT 3)	0.17 ²	1.14 0.95	5.7
6	SW,NE,SW (GOV. LOT 3)	8.73 ^{6.2}	38.4 95.04	10.9
TOTALS		12.91 ^{11.04-12}	133.98	55.35 = 55.4

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CADD A1-R3

REVISIONS	WATER RIGHT APPLICATION EXHIBIT FOR PROVIDENCE DEVELOPMENT GROUP, LLC PERMIT FOR AETHEIC STORAGE FOR SIX PONDS IN MIDDLETON LAKES SUBDIVISION IN SECTION 7 T.4 N., R.2 W., B.M. CITY OF MIDDLETON, ADA COUNTY, IDAHO	 Stanley Consultants INC. 1940 S. BONITO WAY SUITE 140 MERIDIAN, IDAHO 83642 208-288-0573
DRAWN: IBI	DATE: 6/01/06	SCALE: 1"=1000'
		JOB NO. 17601

No. C 159288	Due no later than Mar 31, 2013 Annual Report Form		2. Registered Agent and Address (NO PO BOX)			
Return to: SECRETARY OF STATE 700 WEST JEFFERSON PO BOX 83720 BOISE, ID 83720-0080 NO FILING FEE IF RECEIVED BY DUE DATE	1. Mailing Address: Correct in this box if needed. MIDDLETON LAKES NEIGHBORHOOD ASSOCIATION, INC. PO BOX 2654 EAGLE ID 83616		RYAN MARTIN 830 N. MAIN ST STE 220 MERIDIAN ID 83642			
			3. <u>New</u> Registered Agent Signature:*			
4. Corporations: Enter Names and Business Addresses of President, Secretary, and Directors. Treasurer (optional).						
Office Held	Name	Street or PO Address	City	State	Country	Postal Code
VICE PRESIDENT	MATT HANSEN	1977 EAST OVERLAND ROAD	MERIDIAN	ID	USA	83642
SECRETARY	ADAIR KOLTES	1977 EAST OVERLAND ROAD	MERIDIAN	ID	USA	83642
TREASURER	SERENA CLARK	1977 EAST OVERLAND ROAD	MERIDIAN	ID	USA	83642
PRESIDENT	COREY BARTON	1977 EAST OVERLAND ROAD	MERIDIAN	ID	USA	83642
5. Organized Under the Laws of: ID C 159288		6. Annual Report must be signed.* Signature: Ryan Martin Name (type or print): Ryan Martin Date: 01/16/2013 Title: Registered Agent				
Processed 01/16/2013		* Electronically provided signatures are accepted as original signatures.				

MIDDLETON LAKES FIELD EXAM PHOTOGRAPHS



Looking southwest at pond no. 6, from 1046 Twin Lakes Ave.



Looking northwest at pond no. 3 from E. Sawtooth Dr. No inlet-outlet seen but there are lots of reeds and cattails obscuring the pond edge?



Looking northwest at pond no. 4.



Pond no. 5 – looking northeast.



Pond no. 1, looking south from E Sawtooth.



Looking south at pond no. 2 from E Sawtooth. 12" pipe seen at this end of pond.



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

July 1, 2013

MIDDLETON LAKES DEVELOPMENT LLC
701 S ALLEN ST STE 104
MERIDIAN, ID 83642

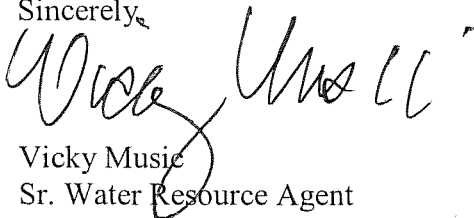
Re Permit To Appropriate Water No. 63-32550

Dear PERMITEE:

The permit referenced above was issued for six aesthetic ponds in the Middleton Lakes subdivision. 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 licenses are the end product needed for continued water use.

I will be conducting exams in this area on Monday and Tuesday, July 8 and 9, 2013. Please call me at 208.334.2190, **by July 5, 2013**, 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