

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 36-15683

Exam Date: 5/2/2013

1. Current Owner: KIRT L MARTIN
PO BOX 296
HAGERMAN ID 83332
(208)837-6227

2. Accompanied by: Field exam completed in office utilizing Department resources.

3. SOURCE

BILLINGSLEY CREEK

TRIBUTARY

SNAKE RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 36-96A
2. Other water rights with the same point of diversion: 36-96A; 36-113B; 36-113D; 36-113G; 36-113H; 36-113J; 36-7875; 36-10283A; 36-10283B

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

BILLINGSLEY CREEK

NW1/4SE1/4NE1/4

Sec. 11, Twp 07S, Rge 13E, B.M.

GOODING County

Method of Determination: Utilized WMIS point (410010) data for this diversion which is the headgate for the Padgett ditch in Water District 36A.

2.

PLACE OF USE: AESTHETIC STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				Totals
07S	13E	2	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
					X														
					L 2														

DIVERSION TO STORAGE same as AESTHETIC STORAGE

Method of Determination: Place of use determined using 2011 aerial photography and verified the place of use is located as recorded. See attached map.

3. ___x___ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ___x___ Aerial Photo Attached (required for irrigation of 10+ acres).
- ___x___ Photo of Diversion and System Attached

4. Well or Diversion**ID No.***

WMIS No. 410010; Metal Tag Number A0001537; Diversion Name Padgett Ditch

D. FLOW MEASUREMENTS: Utilized annual summary for water district 36A to demonstrate sufficient flow was delivered to water user in 2004, the year Proof of Beneficial Use was filed.

2. Measurements:

Irrigation rights on the Padgett Ditch were calculated at 3.23 cfs and typically 4 – 6 cfs is delivered by the watermaster. There is also a 10.00 cfs fish propagation right (36-7875) delivered from the Padgett ditch and the pond is downstream of the fish facility. According to the watermaster, 4 – 6 cfs is typically available for delivery to the ditch. See attached annual summary for 2004 and attachment #1 for list of rights diverted into the Padgett ditch and flow rates.

E. FLOW CALCULATIONS: N/A

____ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS**1. Volume Calculations for Other Uses: Aesthetic Storage**

Surface area of reservoir = 0.49 acres

Determined using 2011 aerial photography in Arcmap.

Reservoir Capacity = **3.0 AF**

Determined using flat bottom reservoir equation from IDWR Field Examiners Handbook and information provided in permit application.
(Capacity = Surface area x Maximum Depth)

0.49 acres x 6.0 feet = 3.0 AF

G. NARRATIVE/REMARKS/COMMENTS

Permit 36-15683 is for 3.00 AF Aesthetic Storage and 0.100 cfs Diversion to Storage. Application for permit 36-15683 was submitted 07/09/2001 and proof of beneficial use was received on 07/15/2004.

The pond developed under this permit basically widened the Padgett ditch where it crosses Mr. Martin's property. Mr. Martin has an existing water right, 36-96A, for 0.1 cfs irrigation and the permit is conditioned to limit the rate of both rights to 0.1 cfs during the irrigation season and 0.02 cfs the rest of the year. The surface area of the pond is 0.49 acres and the maximum depth is approximately 6 feet. The point of diversion for this right is the headgate on the Padgett ditch which is regulated by the watermaster for water district 36A. Since Irrigation rights delivered from the ditch total 3.23 cfs and typically more than 4.0 cfs is delivered to the ditch, and the pond is visible in aerial and satellite imagery, it is safe to assume the water for this right is delivered and utilized as permitted.

Recommend licensing 3.00 AF for Aesthetic Storage and 0.10 cfs for Diversion to Storage from 2/15 – 11/30 and 0.02 cfs for Diversion to Storage from 12/01 – 2/14.

Have conditions of permit approval been met? ☒ Yes ☐ No**H. RECOMMENDATIONS****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		3.00 AF
DIVERSION TO STORAGE	02/15 to 11/30	0.100 CFS	
DIVERSION TO STORAGE	12/01 to 02/14	0.020 CFS	
<u>Totals:</u>		0.100 CFS	3.00 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

Date

5/6/2013

Reviewer

Date

5/9/2013



Figure1: Looking north across pond



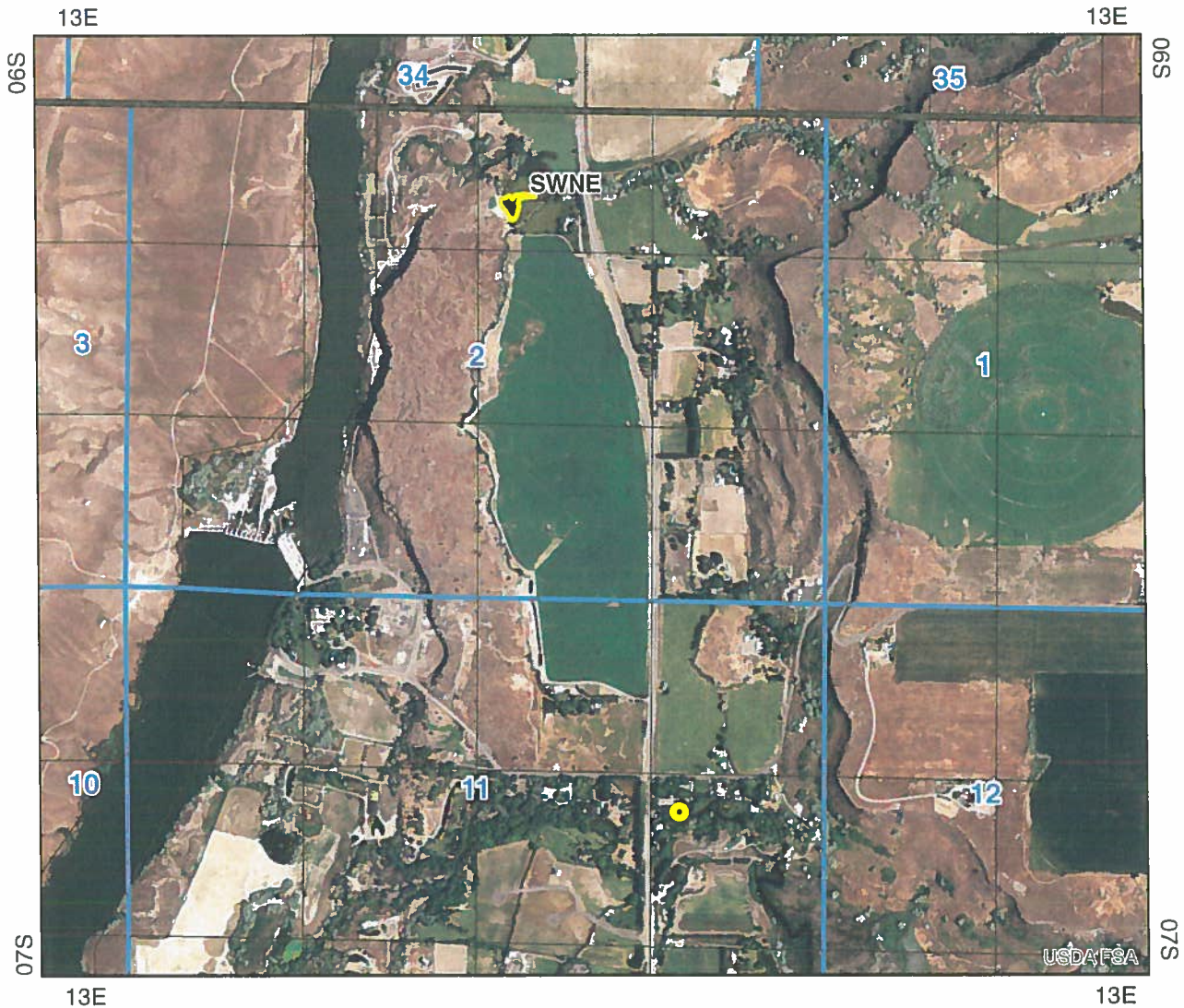
Figure 2: Headgate on Padgett ditch

State of Idaho
Department of Water Resources

Attachment To Water Right License

36-15683

This map depicts the AESTHETIC STORAGE place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.



-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

0 0.15 0.3 0.6 Miles



Annual Summary for Water District 36A Billingsley Creek

360410010 - D - PADGETT DITCH

DISCHARGE, CUBIC FEET PER SECOND, CALENDAR YEAR 01/01/2004 - 12/31/2004

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.00	4.00	4.00	3.90	5.10	3.70	3.90	5.10	6.40	8.30	9.80	9.80
2	4.00	4.00	4.00	3.90	5.10	3.40	4.40	5.10	6.50	8.30	9.80	9.80
3	4.00	3.90	4.00	3.90	5.00	3.10	4.90	5.10	6.50	8.30	9.80	9.80
4	4.00	3.90	4.00	3.90	5.00	3.10	5.40	5.10	6.60	8.30	9.70	9.80
5	3.90	3.90	4.00	3.90	5.00	3.10	5.30	5.10	6.60	8.30	9.70	9.80
6	3.90	3.90	4.00	3.90	5.00	3.10	5.20	5.10	6.70	8.30	9.60	9.80
7	3.90	3.90	4.00	3.90	5.00	3.10	5.20	5.10	6.70	8.30	9.60	9.80
8	3.90	4.00	4.00	3.90	5.30	3.10	5.10	5.10	6.90	8.40	9.60	9.80
9	3.90	4.00	4.00	3.90	5.60	3.10	5.00	5.10	7.10	8.60	9.50	9.80
10	3.90	4.00	4.00	3.90	5.90	3.10	4.90	5.20	7.30	8.70	9.50	9.80
11	3.90	4.00	4.00	3.90	6.20	3.10	4.80	5.30	7.50	8.90	9.50	9.80
12	3.90	4.10	4.00	3.80	6.50	3.20	4.60	5.40	7.50	9.00	9.60	9.80
13	3.90	4.10	4.00	3.80	6.70	3.20	4.50	5.50	7.50	9.20	9.60	9.80
14	3.90	4.10	4.00	3.80	6.30	3.20	4.40	5.60	7.50	9.20	9.70	9.80
15	3.90	4.10	4.00	4.00	5.90	3.20	4.30	5.60	7.50	9.20	9.70	9.80
16	3.90	4.10	4.00	4.30	5.50	3.30	4.20	5.70	7.50	9.20	9.80	9.80
17	3.90	4.10	4.00	4.50	5.10	3.30	4.00	5.80	7.50	9.20	9.80	9.80
18	3.90	4.10	4.00	4.80	4.70	3.30	4.10	5.90	7.50	9.20	9.80	9.80
19	4.00	4.10	4.00	5.00	4.30	3.20	4.10	6.00	7.50	9.20	9.80	9.80
20	4.00	4.10	4.00	5.30	3.90	3.20	4.20	6.00	7.50	9.20	9.80	9.80
21	4.00	4.10	4.00	5.30	4.00	3.20	4.30	6.00	7.50	9.20	9.80	9.80
22	4.00	4.10	4.00	5.30	4.10	3.10	4.30	6.00	7.50	9.20	9.80	9.80
23	4.00	4.10	4.00	5.20	4.10	3.10	4.40	6.00	7.50	9.30	9.80	9.80
24	4.00	4.00	4.00	5.20	4.20	3.10	4.50	6.00	7.60	9.30	9.80	9.80
25	4.00	4.00	4.00	5.20	4.30	3.10	4.60	6.10	7.70	9.40	9.80	9.70
26	4.00	4.00	4.00	5.20	4.40	3.00	4.70	6.10	7.90	9.40	9.80	9.70
27	4.00	4.00	4.00	5.20	4.40	3.00	4.70	6.20	8.00	9.50	9.80	9.70
28	4.00	4.00	4.00	5.10	4.50	3.00	4.80	6.20	8.10	9.50	9.80	9.70
29	4.00	4.00	4.00	5.10	4.60	2.90	4.90	6.30	8.20	9.60	9.80	9.70
30	4.00	--	3.90	5.10	4.30	3.40	5.00	6.30	8.30	9.60	9.80	9.67
31	4.00	--	3.90	--	4.00	--	5.10	6.40	--	9.70	--	9.67
Total:	122.6	116.7	123.8	134.1	154.0	95.0	143.8	175.5	220.6	279.0	291.7	303.0
Mean:	3.95	4.02	3.99	4.47	4.97	3.17	4.64	5.66	7.35	9.00	9.72	9.78
Min:	3.90	3.90	3.90	3.80	3.90	2.90	3.90	5.10	6.40	8.30	9.50	9.67
Max:	4.00	4.10	4.00	5.30	6.70	3.70	5.40	6.40	8.30	9.70	9.80	9.80
AC-FT:	243.2	231.5	245.6	266.0	305.5	188.4	285.2	348.1	437.6	553.4	578.6	601.1

Attachment #1

Sequence	Suffix	Process	Basis	Status	Draft	RightID	Priority Date	Diversion Rate	Source List	Water Use List
36	96 A	Water Right	Decreed	Active	N	224779	6/26/1881	0.100	BILLINGSLEY CREEK	IRRIGATION, STOCKWATER
36	113 B	Water Right	Decreed	Active	N	421106	6/26/1881	0.038	BILLINGSLEY CREEK	IRRIGATION
36	113 D	Water Right	Decreed	Active	N	421107	6/26/1881	0.040	BILLINGSLEY CREEK	IRRIGATION, STOCKWATER
36	113 G	Water Right	Decreed	Active	N	357191	6/26/1881	0.120	BILLINGSLEY CREEK	IRRIGATION
36	113 H	Water Right	Decreed	Active	N	224910	6/26/1881	0.071	BILLINGSLEY CREEK	IRRIGATION
36	113 J	Water Right	Decreed	Active	N	357192	6/26/1881	0.180	BILLINGSLEY CREEK	IRRIGATION
36	7875	Water Right	License	Active	N	35656	10/24/1979	10.000	BILLINGSLEY CREEK	FISH PROPAGATION
36	10283 A	Water Right	Decreed	Active	N	224134	6/26/1881	2.380	BILLINGSLEY CREEK	IRRIGATION, STOCKWATER
36	10283 B	Water Right	Decreed	Active	N	421123	6/26/1881	0.300	BILLINGSLEY CREEK	IRRIGATION, STOCKWATER
36	15683	Water Permit		Active	N	555837	7/9/2001	0.100	BILLINGSLEY CREEK	AESTHETIC STORAGE, DIVERSION TO STORAGE (Combined with 36-96A)
36	16494	Water Application		Active		611950	3/5/2007	10.000	BILLINGSLEY CREEK	AESTHETIC, RECREATION, WILDLIFE

Total **3.23 cfs**
for Irrigation