

06/28/2006

IDAHO DEPARTMENT OF WATER RESOURCES
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 3-4012B

NAME AND ADDRESS: R SHARON ASCHENBRENNER
6995 S RIDGEWOOD RD
NAMPA ID 83687-9018

KENNETH L ASCHENBRENNER
6995 S RIDGEWOOD RD
NAMPA ID 83687-9018

SOURCE: SNAKE RIVER

TRIBUTARY: COLUMBIA RIVER

QUANTITY: 0.100 CFS

PRIORITY DATE: 05/21/1910

POINT OF DIVERSION:

T10N R05W S21 NENENW Lot 3 Within WASHINGTON County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
IRRIGATION	03/01 11/15	0.100 CFS

PLACE OF USE: IRRIGATION Within WASHINGTON County

T10N R05W S16	SWSW	10.20	T10N R05W S16	SESW	30.00
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40.2 ACRES TOTAL

Right Nos. 3-2009 and 3-4012B are limited to the irrigation of a combined total of 40.2 acres in a single irrigation season.

This right is limited to the irrigation of 5.2 acres within the place of use described above in a single irrigation season.

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use

Right includes accomplished change in place of use pursuant to Section 42-1425, Idaho Code.

Right No. 3-2009 is also diverted through point of diversion described above.

Right includes accomplished change in point of diversion pursuant to Section 42-1425, Idaho Code.



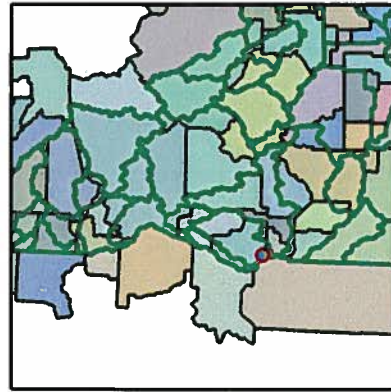
Idaho Department of Water Resources

SRBA Recommendation:

3-4012B

Legend

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



Washington County
IDWR Basin 3



Prepared by J. Dean
On Thursday, May 11, 2006
1987/88 Aerial Photography

05/11/2006

IDAHO DEPARTMENT OF WATER RESOURCES
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 3-4012B

NAME AND ADDRESS: R SHARON ASCHENBRENNER
6995 S RIDGEWOOD RD
NAMPA ID 83687-9018

KENNETH L ASCHENBRENNER
6995 S RIDGEWOOD RD
NAMPA ID 83687-9018

SOURCE: SNAKE RIVER

TRIBUTARY: COLUMBIA RIVER

QUANTITY: 0.060 CFS

PRIORITY DATE: 05/21/1910

POINT OF DIVERSION:

T10N R05W S21 NENENW Lot 3 Within WASHINGTON County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
IRRIGATION	03/01 11/15	0.060 CFS

PLACE OF USE: IRRIGATION Within WASHINGTON County

T10N R05W S16	SWSW	10.00	T10N R05W S16	SESW	28.00
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38 ACRES TOTAL

Right Nos. 3-2009 and 3-4012B are limited to the irrigation of a combined total of 38 acres in a single irrigation season.

This right is limited to the irrigation of 3 acres within the place of use described above in a single irrigation season.

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use

Right includes accomplished change in place of use pursuant to Section 42-1425, Idaho Code.

Right No. 3-2009 is also diverted through point of diversion described above.

Right includes accomplished change in point of diversion pursuant to Section 42-1425, Idaho Code.

Split/Overlap Analysis - Water Right No.: 3-10200

Twp	Rng	Sec	Q-Q	Lot	3-10200 (Rob Farms)	3-10201 (Aschenb renner)	3-2005 (Aschenb renner)	3-2009 (Aschenb renner)	3-10202 (Rob Farms)	3-10203 (Aschenb renner)	3-4012B (Aschenb renner)	3-10204 (Aschenb renner)	3-10205 (Rob Farms)	SRBA Claim
10N	05W	16	NESW			38				38				76
			NWSW											0
			SWSW				10				10		28	48
			SESW				24	27			27		10	64
			NESE				23	38						38
			NWSE					25						25
			SWSE			38				38				76
			SESE					38						38
		21	NENE	1				5						5
			NWNE	2	3				3					6
			NENW	3								12		12
			NWNW	4								16		16
			Total		3	76	106	37	3	76	37	28	38	404

Water Right	Diversion Rate	Irrigated Acres	CFS/Acre
3-10200 (Rob Farms)	0.04	3	0.013333333
3-10201 (Aschenbrenner)	0.96	76	0.012631579
3-2005 (Aschenbrenner)	1.75	100	0.0175
3-2009 (Aschenbrenner)	0.7	37	0.018918919
3-10202 (Rob Farms)	0.02	3	0.006666667
3-10203 (Aschenbrenner)	0.56	76	0.007368421
3-4012B (Aschenbrenner)	0.04	37	0.001081081
3-10204 (Aschenbrenner)	0.56	28	0.02
3-10205 (Rob Farms)	0.76	38	0.02

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0.02 2.5 acres within POU

0.02 63.5 acres rec less than claim because of GIS acres

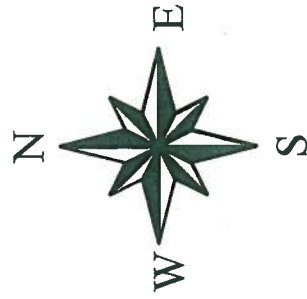
0.02 35 acres within POU

0.02

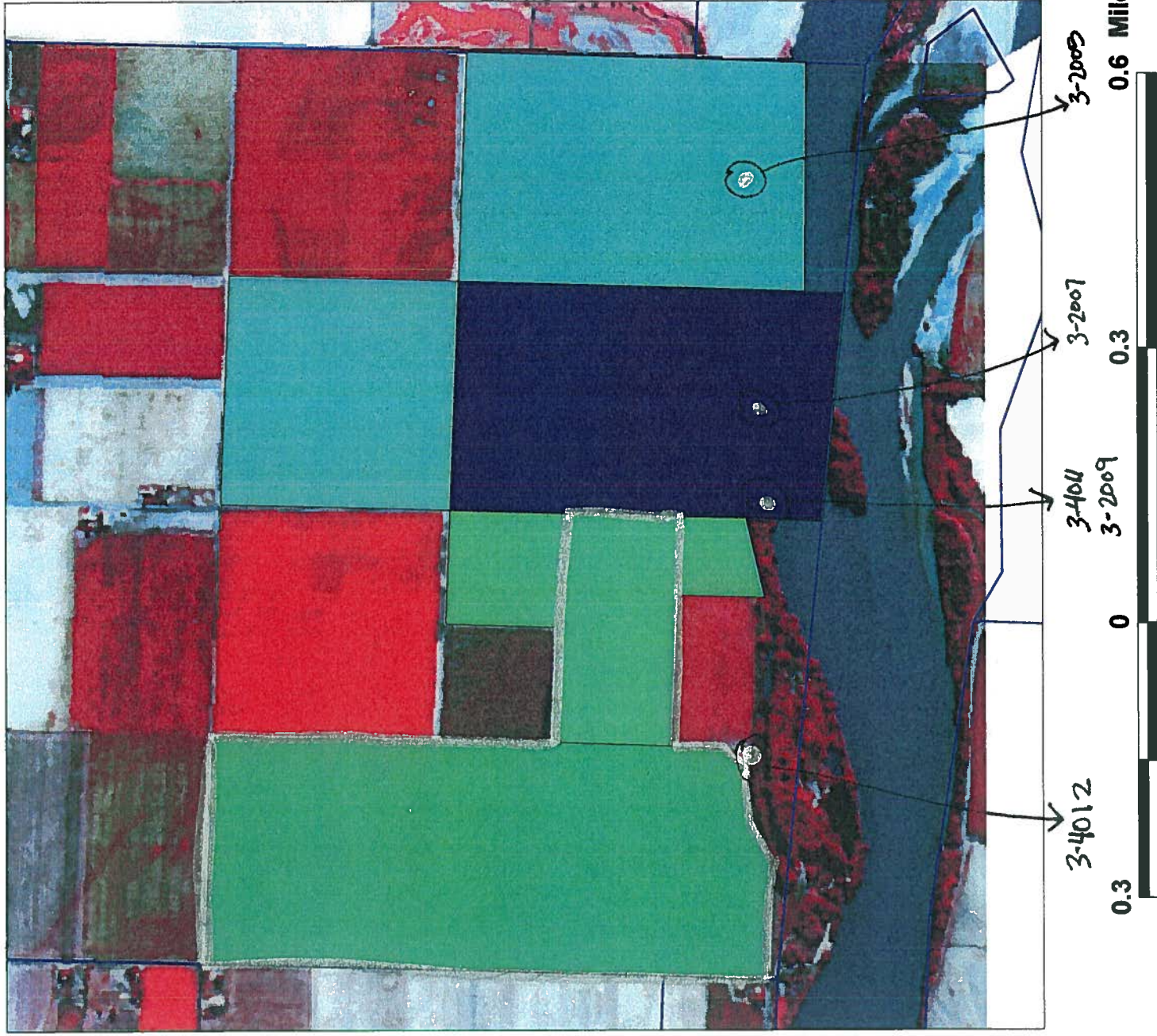
0.02 rec less than claim because of GIS acres

0.02

- 03_02009_right_pou.shp
- 03_04012_right_pou.shp
- 03_02007_right_pou.shp
- 03_02005_right_pou.shp
- Sections

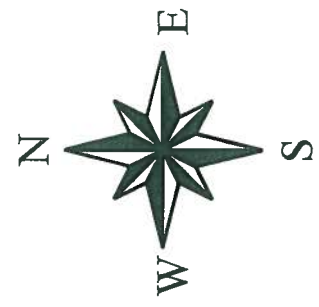


Rights



4012
11.9
193
302

- 03_04011_right_pou.shp
- 03_04012_right_pou.shp
- 03_02007_right_pou.shp
- 03_02005_right_pou.shp
- 03_02009_right_pou.shp
- GCDB10N05W GCDB
- Administrative Basins Adminbas.shp



Rights

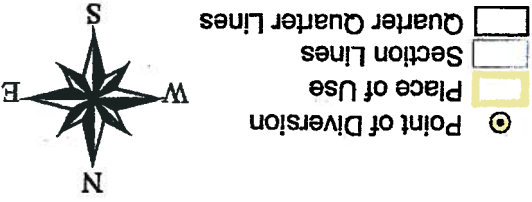


Idaho Department of Water Resources

Attachment "B"

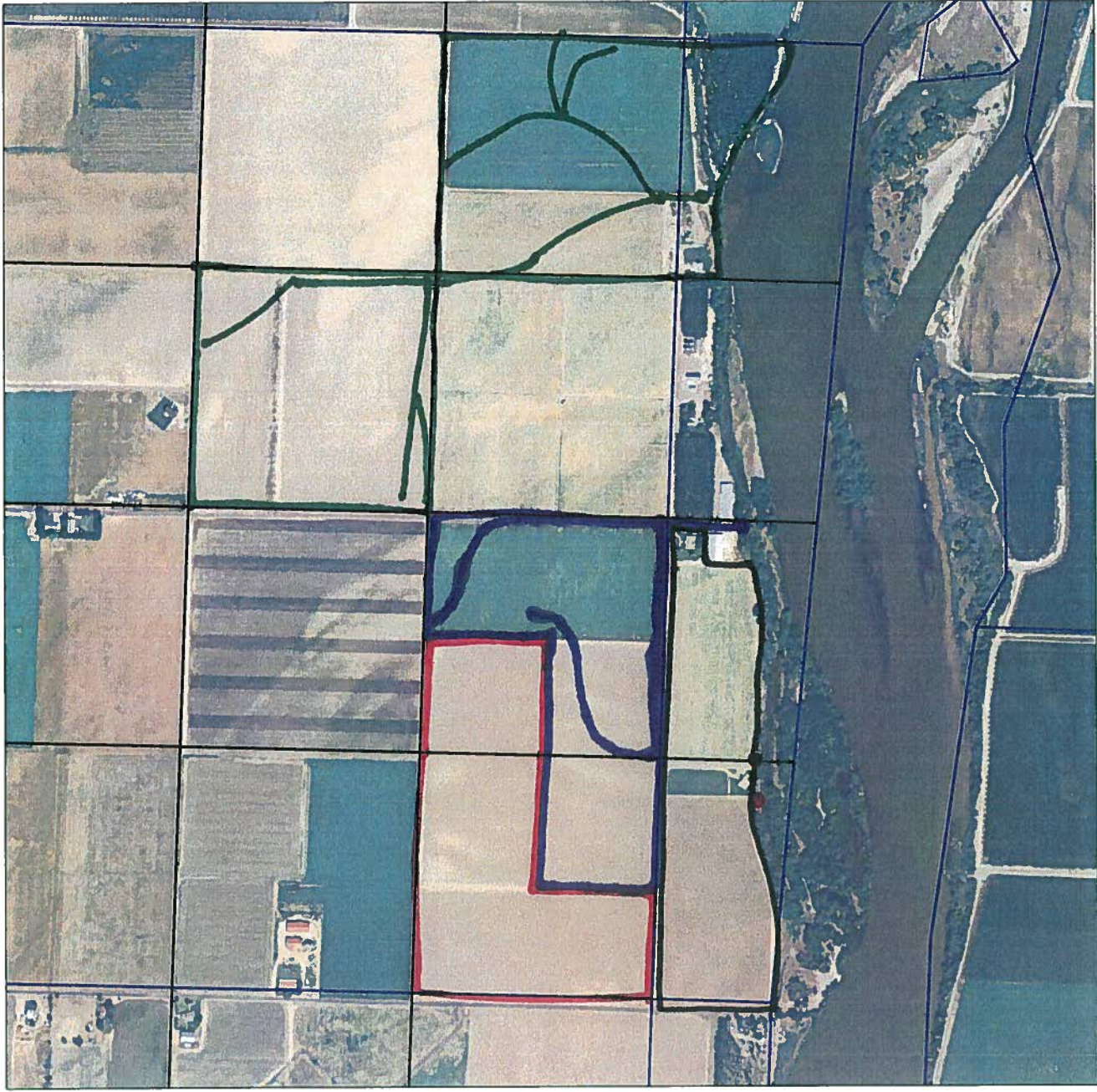
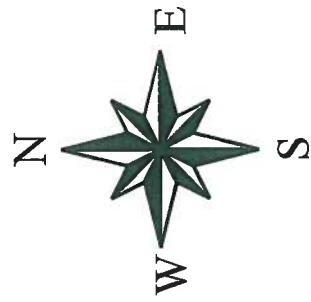


0 0.25 Miles



Claim Number: 03-10204
Legal: T10N, R05W, S21
Reviewed By: MRM 08/19/05

Sections
T10n05w.shp

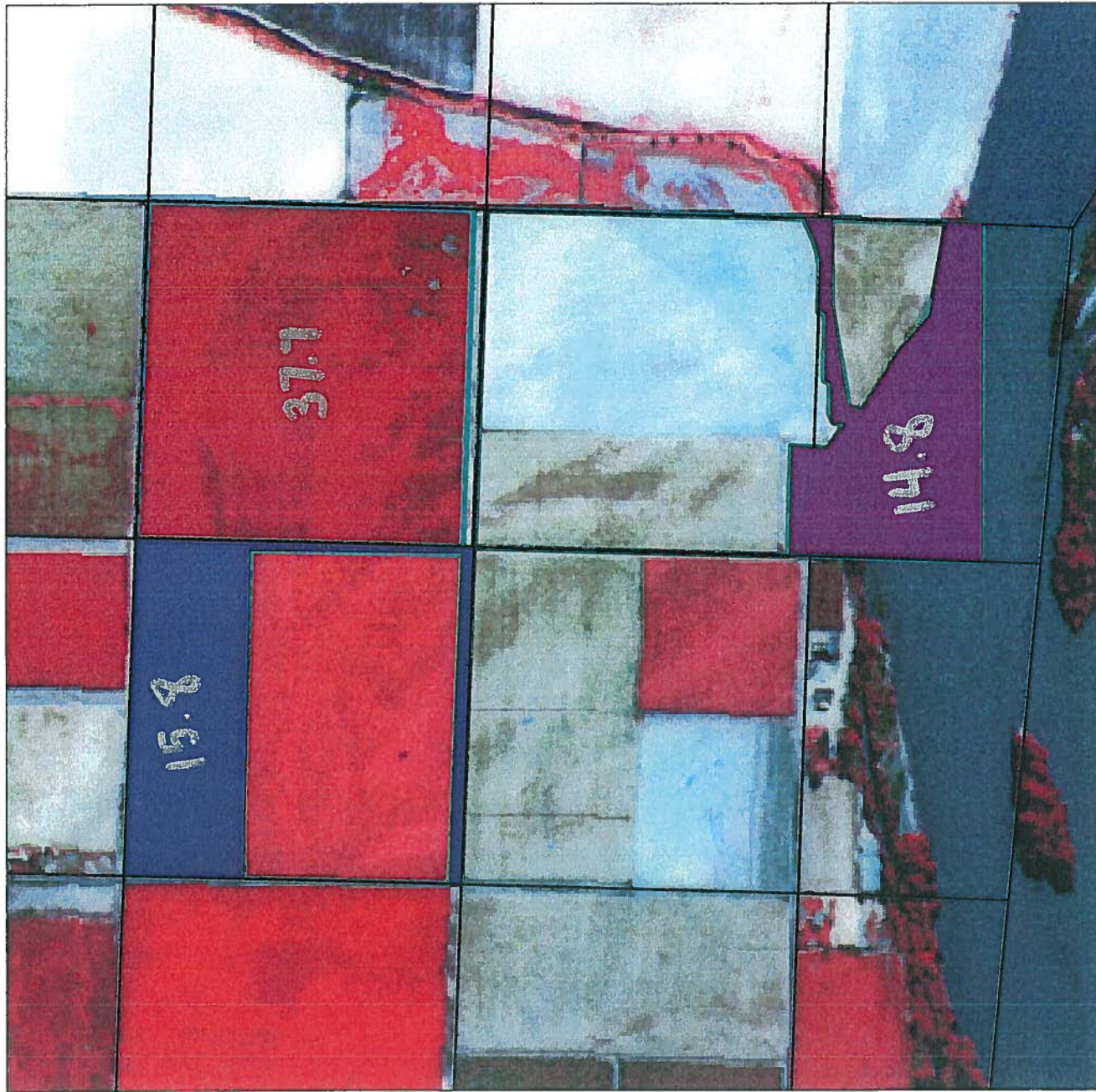
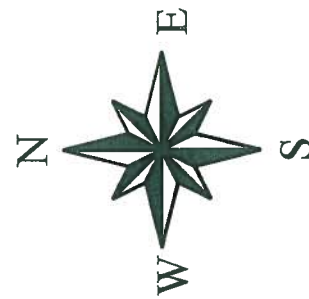


0.2 0 0.2 0.4 Miles

Systems

30.6

- Graph133.shp
- 10N05W GCDB
- Graph132.shp
- 03_02005_claim_pou.shp
- 03_02005_right_pou.shp
- Sections



Rights

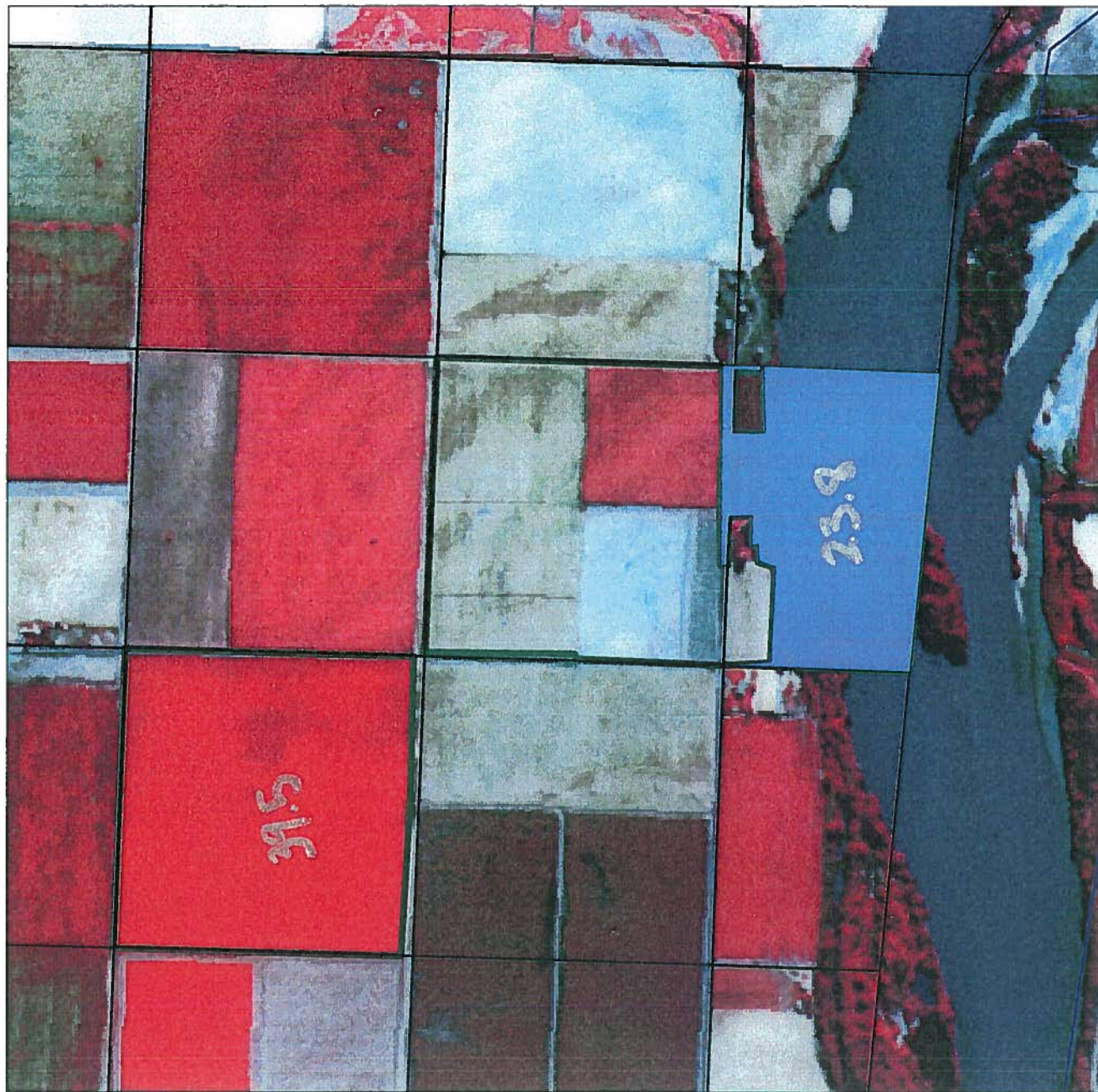
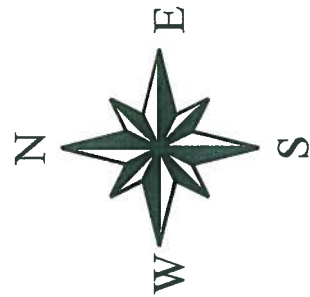
0.4 Miles

0.2

0

0.2

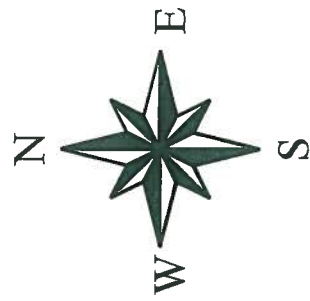
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- 10N05W GCDB
- 03_02007_claim_pou.shp
- 03_02007_right_pou.shp
- Sections



Rights



- 03_04012b_rec_pou.shp
- 03_10204_rec_pou.shp
- 03_10201_rec_pou.shp ; 10203
- 03_10200_rec_pou.shp ; 10202
- 03_10205_rec_pou.shp
- 03_02009_rec_pou.shp
- 03_02005_rec_pou.shp
- GCDB10N05W GCDB
- Administrative BasinsAdminbas.shp



Recs



0.3

0

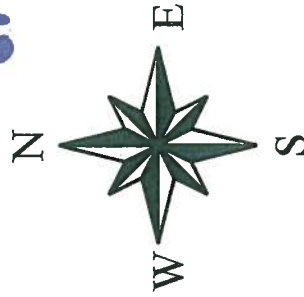
0.3

0.6 Miles

67-4282 14543
 67-4283 < 14544
 67-14108
 67-14544
 67-4614 > 14108
 67-4015

- 03_04012b_claim_pou.shp
- 03_04012a_claim_pou.shp
- 03_04011_claim_pou.shp
- 03_02009_claim_pou.shp
- 03_02007_claim_pou.shp
- 03_02005_claim_pou.shp
- GCDB10N05W GCDB
- Administrative BasinsAdminbas.shp

67-14544



Claims



Water Right	Diversion Rate	Irrigated Acres	CFS/Acre
3-2007 (Rob Farms)	1	66	0.015151515
3-10200 (Rob Farms)	0.04	3	0.013333333
3-10201 (Aschenbrenner)	0.96	78	0.012307692
3-2005 (Aschenbrenner)	1.75	100	0.0175
3-2005 (Aschenbrenner)	1.75	105.7	0.016556291
3-2009 (Aschenbrenner)	0.7	35	0.02
3-2009 (Aschenbrenner)	0.7	40.2	0.017412935
3-4011 (Rob Farms)	0.8	40	0.02
3-10202 (Rob Farms)	0.03	3	0.01
3-10203 (Aschenbrenner)	0.77	78	0.009871795
3-4012 (Rob Farms)	2.5	116	0.021551724
3-4012A (Rob Farms)	2	64.9	0.030816641
3-4012B (Aschenbrenner)	0.5	40.2	0.012437811
3-10204 (Aschenbrenner)	0.84	27.4	0.030656934
3-10205 (Rob Farms)	1.16	37.5	0.030933333

3-10200 R
 3-10201 A
 3-2005 A
 3-2009 A
 3-10202 R
 3-10203 A
 3-4012 B A
 3-10204 A
 3-10205 R

Sp1 +

3-2009 & 3-4012B

Mannings theoretical of ditch	2.52	cfs
Darcy-Weisbach theoretical of iron pipe	1.28	cfs
Darcy-Weisbach theoretical of wood pipe	2.88	cfs
Pump capacity theoretical	2.2	cfs
Engineer estimate of ditch capacity	2	cfs
Estimate from Deposition of Witness	1.0026	cfs
Average	1.980433	cfs

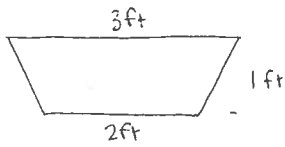
450 gpm

Deposition of Holder for 3-2009

... "have in part been using water for orchard, part of the time from pumping plant of Geo. Peters and part of the time from pumping plant of August Brockman, but have no right or interest in either of these plants or the water therefrom."

#	ft	acres
3-2009	.7	35.402
3-4012B	.5	40.2

1.2 cfs .02 x 40.2 = .8 cfs



$$\begin{aligned}
 A &= 2.5 \text{ ft}^2 \\
 P &= 2 + 2(\sqrt{1.5^2 + 1^2}) = 4.24 \text{ ft} \\
 R &= 2.5 / 4.24 = 0.59017 \\
 S &= 6/5280 = 0.001136
 \end{aligned}$$

$$\begin{aligned}
 n &= (n_0 + n_1 + n_2 + n_3)m \\
 n_0 &= 0.02 \text{ for earth} \\
 n_1 &= 0.005 \text{ for minor irregularities} \\
 n_2 &= 0.005 \text{ for minor irregularities} \\
 n_3 &= 0.005 \text{ for low vegetation} \\
 m &= 1 \text{ for minor measurement} \\
 n &= 0.035
 \end{aligned}$$

$$Q = \frac{1.49}{n} A R^{2/3} S^{1/2}$$

$$Q = \frac{1.49}{0.035} (2.5) (0.59017)^{2/3} (0.001136)^{1/2}$$

$$Q = 2.52 \text{ cfs}$$

$$\frac{450 \text{ gal}}{\text{min}} \cdot \frac{1 \text{ min}}{60 \text{ s}} \cdot \frac{\text{ft}^3}{7.4805 \text{ gal}} = 1.0026 \text{ cfs}$$



Darcy-Weisbach
 $Q = 1.28$

$$\begin{aligned}
 e &= 0.0008 \text{ ft for iron} \\
 &= 0.0096 \text{ in} \\
 \frac{e}{D} &= \frac{0.0096 \text{ in}}{8 \text{ in}} = 0.0012 \text{ in/in} \\
 h_{f \text{ est}} &= 5 \text{ ft} \\
 v &= 12.17 \times 10^{-6} \text{ ft}^2/\text{s} \\
 L &= 400 \text{ ft}
 \end{aligned}$$



Darcy-Weisbach
 $Q = 2.88 \text{ cfs}$

$$\begin{aligned}
 e &= 0.002 \text{ ft for wood} \\
 &= 0.024 \text{ in} \\
 \frac{e}{D} &= \frac{0.024 \text{ in}}{12 \text{ in}} = 0.002 \text{ in/in} \\
 h_{f \text{ est}} &= 5 \text{ ft} \\
 v &= 12.17 \times 10^{-6} \text{ ft}^2/\text{s} \\
 L &= 1000 \text{ ft}
 \end{aligned}$$

A	2.5 ft ²	n₀	0.02
P	4.236068 ft	n₁	0.005
R	0.59017 ft	n₂	0.005
S	0.001136 ft/ft	n₃	0.005
		m	1
		n	0.035

Q 2.524265 cfs

e 0.0096 in 0.0008 ft
D 8 in 0.6666667 ft
v 0.00001217 ft²/s
L 400 ft
h_r 5 ft
e/D 0.0012 in/in
h_r/L 0.0125 ft/ft
2g 64.4 ft/s²

From chart

f_{min}	V	R	obtained f
0.04	3.66287683	200650.6	0.04

Q 1.27858522

e 0.024 in 0.002 ft
D 12 in 1 ft
v 0.00001217 ft²/s
L 1000 ft
h_r 5 ft
e/D 0.002 in/in
h_r/L 0.005 ft/ft
2g 64.4 ft/s²

From chart

f_{min}	V	R	obtained f
0.024	3.66287683	300975.9	0.024

Q 2.87681673

THEORETICAL HORSEPOWER EQUATION WORKSHEET (cjh 1/92)

Water Right No.: 3-02007
 Reviewer: Jennifer Dean
 Date of Review: 5/9/2006

P/D No.:	Pump 1	
PUMP HORSEPOWER BOOSTER HORSEPOWER	5	
PUMPING LEVEL	14	
DISCHARGE PRESSURE	0	
RATE OF FLOW (cfs)	2.20	
The above calculates the formula =		$Q = \frac{8.8 * (\text{Efficiency}) * \text{hp}}{\text{depth to water} + 2.31 * (\text{psi}) + \text{friction}}$

Assumptions: %70 efficiency.
 No Friction

Examiners Notes:

04/04/2005

IDAHO DEPARTMENT OF WATER RESOURCES
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 3-4012B

NAME AND ADDRESS: R SHARON ASCHENBRENNER
4990 N MERIDIAN RD
MERIDIAN ID 83642

KENNETH L ASCHENBRENNER
4990 N MERIDIAN RD
MERIDIAN ID 83642

SOURCE: SNAKE RIVER

TRIBUTARY: COLUMBIA RIVER

QUANTITY: 0.500 CFS

PRIORITY DATE: 05/21/1910

POINT OF DIVERSION:

T10N R05W S21 NENENW Lot 3 Within WASHINGTON County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
IRRIGATION	3/15 11/15	0.500 CFS

PLACE OF USE: IRRIGATION Within WASHINGTON County

T10N R05W S16	SWSW	10.1	T10N R05W S16	SESW	30.1
---------------	------	------	---------------	------	------

40.2 ACRES TOTAL

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

EXPLANATORY MATERIAL: Statutory Claim

Idaho Department of Water Resources

Claim Number: 03-04012B

Legal: T10N, R05W, S16

Reviewed By:



Point of Diversion



Place of Use



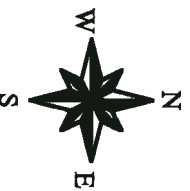
Section Lines



Quarter Quarter Lines



1987 Napp Photo



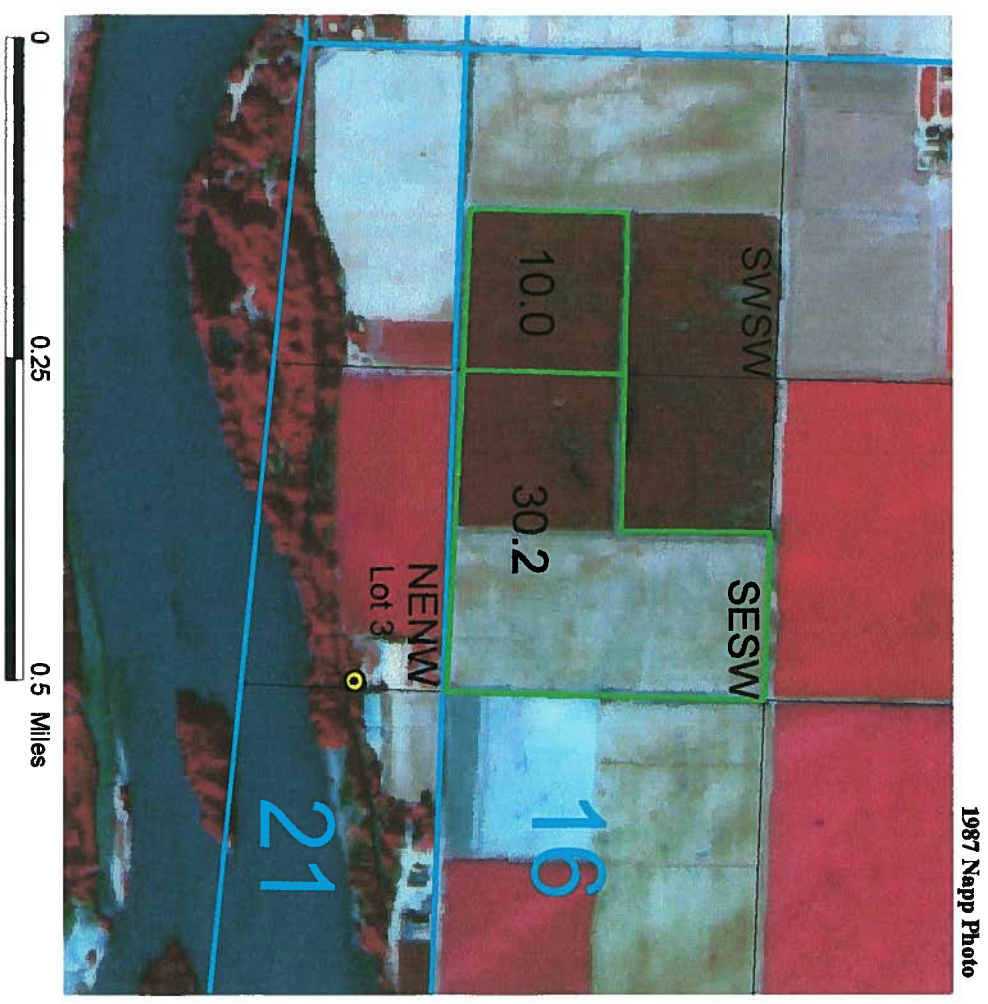
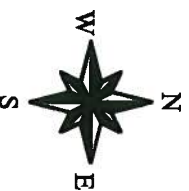
Idaho Department of Water Resources

Claim Number: 03-04012B

Legal: T10N, R05W, S16

Reviewed By:

- ☒ Point of Diversion
- ☐ Place of Use
- ☐ Section Lines
- ☐ Quarter Quarter Lines



IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,
IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM

CIVIL CASE NUMBER: 39576

Ident. Number 3-4012B
Date Received: 10/10/1989
Receipt No: M004882
Received By:

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name of Claimant(s)

R SHARON ASCHENBRENNER Phone: (208)888-3580

4990 N MERIDIAN RD
MERIDIAN ID USA 83642

KENNETH L ASCHENBRENNER Phone: (208)888-3580

4990 N MERIDIAN RD
MERIDIAN ID USA 83642

2. Date of Priority: 05/21/1910

3. Source: SNAKE RIVER Trib. to: COLUMBIA RIVER

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 Lot	County	Type
10N	05W	21	NE	NE	NW 3	WASHINGTON	

5. Description of diverting works:

PUMP, PIPELINE, DITCHES

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or) A.F.A
IRRIGATION	3/15	11/15	0.5	

7. Total Quantity Appropriated is:
0.5 C.F.S.

8. Total consumptive use:

9. Non-irrigation uses:

10. Place of use:

Township	Range	Section	1/4 of 1/4	Lot	Use	Acres
10N	05W	16	SE	SW	IRRIGATION	30.1
			SW	SW	IRRIGATION	10.1
					Section Acres	40.2
					Total Acres	40.2

11. Place of use in counties: WASHINGTON

12. Do you own the property listed above as place of use? Yes

13. Other Water Rights Used:

14. Remarks:

15. Basis of Claim: Statutory Claim

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,
IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM.

CIVIL CASE NUMBER: 39576

Ident. Number: A03-04012B
Date Received: 10-10-89
Receipt No: M4882
Received By: LW
24 5-4-89

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: ROBERTS FARMS INC.
Address: 1449 LARSEN ROAD
WEISER, ID

208-549-2507

83672

2. Date of Priority: MAY 21, 1910

3. Source: SNAKE RIVER

Trib. to: COLUMBIA RIVER

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	County
10N	05W	21	NE	NE	NW	3	WASHINGTON

5. Description of diverting works:
PUMP, PIPELINE, DITCHES

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	03/15	11/15	0.500		

7. Total Quantity Appropriated is:
0.500 C.F.S. (and/or)

A.F.A.

8. Total consumptive use is 140.7 Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4 of	1/4 of	Lot	Use	Acres
10N	05W	16	SW	SW		IRR	10.1
			SE	SW		IRR	30.1
						Section Acres	40.2

A03-04012B

Page 1

Date: 05/04/89

MICROFILMED
AUG 10 1992

10. Place of Use: Continued

Total Acres 40.2

11. Place of use in counties: WASHINGTON

12. Do you own the property listed above as place of use? YES

13. Other Water Rights Used:
03-02009, 67-04283

14. Remarks:

15. Basis of Claim: STATUTORY CLAIM

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do ☐ do not ☒ wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: 1

For Organizations:

I do solemnly swear or affirm that I am Secretary of
Title

Roberts Farms Inc, that I have signed the foregoing
Organization

document in the space below as Secretary of
Title

Roberts Farms Inc and that the statements contained in the
Organization

foregoing document are true and correct.

Greg W Roberts
Signature of Authorized Agent

Roberts Farms Inc
Title and Organization

10-10-89
Date

State of Idaho)
County of Ada) SS.

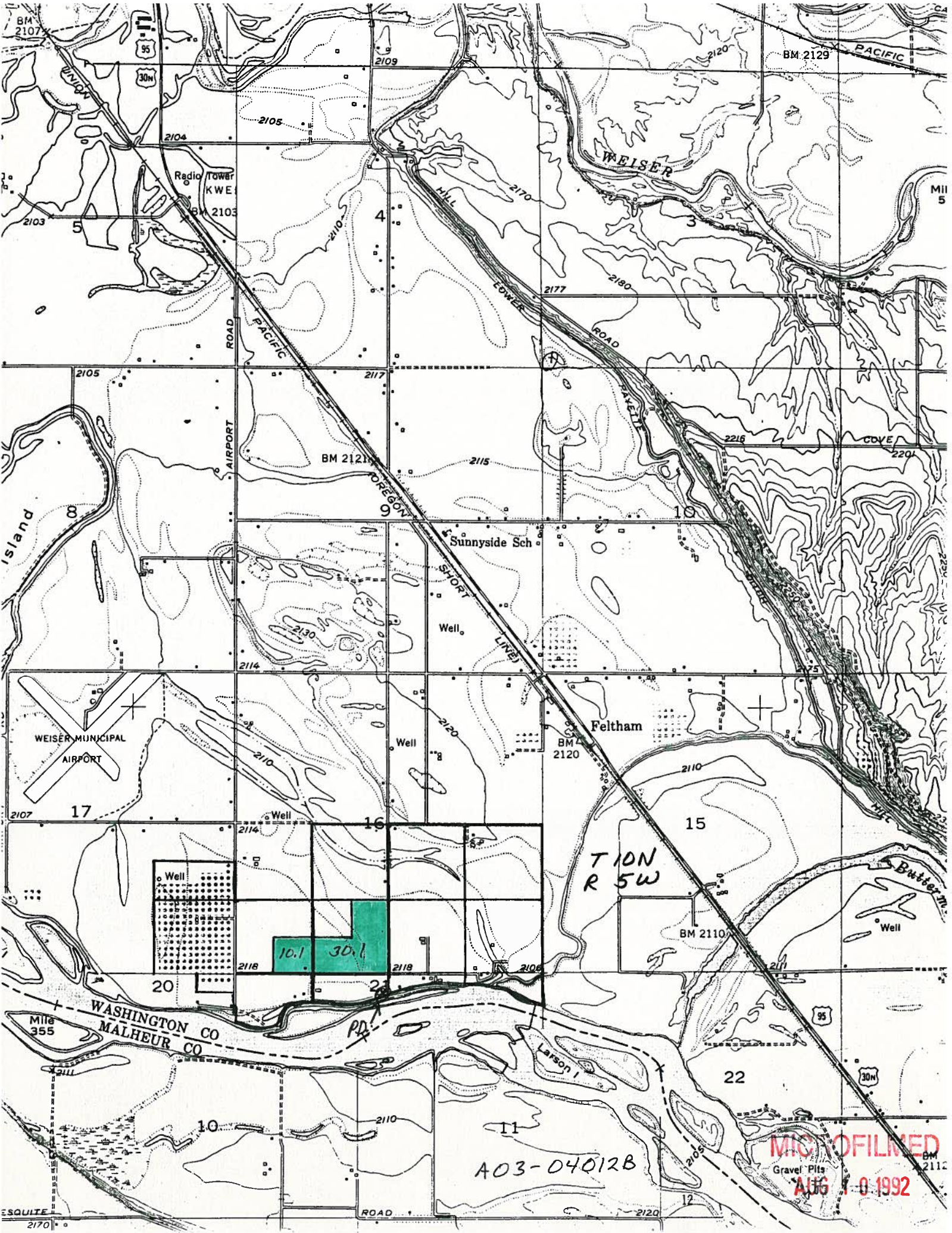
Subscribed and sworn (or affirmed) before me this 60 day
of Oct. 19 89

Linda Werner
Notary Public

Seal

Residing at Linda A. Werner

My Commission Expires Residing at Boise, Idaho
~~My Commission Expires December 8, 1994~~



A03-04012B

MICROFILMED
AUG 10 1992



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 East Front Street, P.O. Box 83720, Boise, ID 83720-0098

Phone: (208) 287-4800 Fax: (208) 287-6700 Web Site: www.idwr.idaho.gov

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

April 7, 2005

KENNETH AND SHARON ASCHENBRENNER
4990 N MERIDIAN RD
MERIDIAN ID 83642

RE: Snake River Basin Adjudication (SRBA)
**Notices of Claim to a Water Right #3-2005, 3-2009, 3-4012B, 67-4282,
3-10199, 3-10201, 3-10203 and 3-10205**

Dear Claimants:

As a result of buying a portion of the property and water rights from Roberts Farms, Inc., the identification numbers to your water rights have been changed as follows:

<u>From</u>	<u>To</u>
3-2001A	3-10199
3-2007	3-10201
3-4011	3-10203
3-4012A	3-10205

Please use the new numbers in future inquiries or correspondence you may have with our Department. The identification numbers of Notices of Claim to a Water Right #3-2005, 3-2009, 3-4012B and 67-4282 have not changed.

Enclosed are copies of your water right claims. Please retain these copies for your file.

If your mail delivery address changes in any form, please contact us in writing so we can update our records to assure you receive important notices concerning your claims. Please call me at 1/800-451-4129 if you have any questions or concerns.

Sincerely,

Sally Sherman
Technical Records Specialist
Adjudication Bureau

SS:region
Enclosures:

Copies of Notices of Claim Referenced Above

Idaho Department of Water Resources



Aschenbrenner Ownership Change
Legal: T010N, R05W, S316, 17, 20 & 21
Reviewed By:SJR 3/31/05



Ownership Change

✓ 3-2001A - needs split

✓ OK to change 3-2005 - no split required

✓ 3-2007 - needs split (same POL as 3-4011)

✓ OK to change 3-2009 - no split required (same POL as 3-4012B)

✓ 3-4011 - needs split (same POL as 3-2007)

✓ 3-4012A - needs split

✓ OK to change 3-4012B - no split required (same POL as 3-2009)

IDWR - WESTERN REGION

CONTRACTOR: Karan Waters

CLAIM/ID: 03-04012 B Date: 11-06-02

	TNS	RNG	SEC	NE				NW				SW				SE				Sum
				NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
Claim																				
	10N	5W	16											10.1	30.1					40.2
GIS														10	30.2					40.2
Claim																				
GIS																				
Claim																				
GIS																				
Claim																				
GIS																				
Claim																				
GIS																				

Number of POD's 1 (Lot 3)

Total Claimed Acres: 40.2

Overlapping FOU Claim #'s:

03-02009

Total GIS Acres: 40.2

COMMENTS:

Per claim map + county data.