



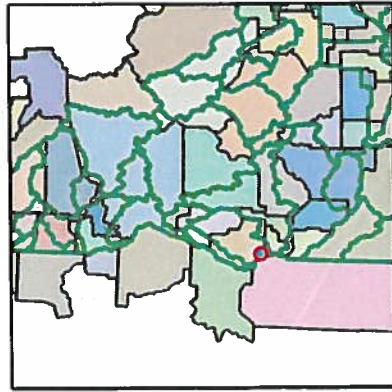
Idaho Department of Water Resources

SRBA Recommendation:

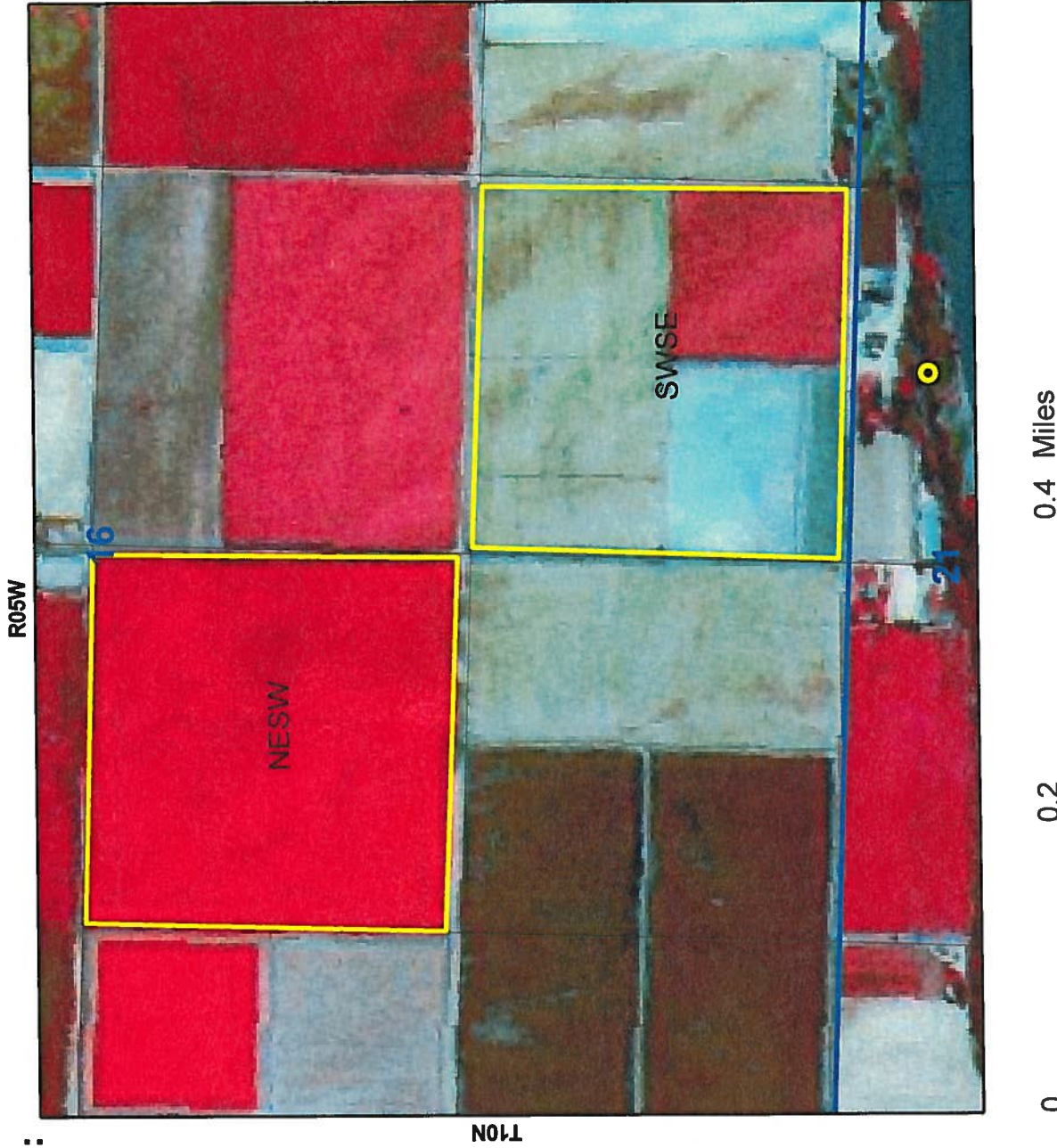
3-10201

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: 3-10201

NAME AND ADDRESS: KENNETH L ASCHENBRENNER
6995 S RIDGEWOOD RD
NAMPA ID 83687-9018

R SHARON ASCHENBRENNER
6995 S RIDGEWOOD RD
NAMPA ID 83687-9018

SOURCE: SNAKE RIVER

TRIBUTARY: COLUMBIA RIVER

QUANTITY: 0.960 CFS

PRIORITY DATE: 12/14/1910

POINT OF DIVERSION:

T10N R05W S21 NWNE Lot 2 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	0.960 CFS

PLACE OF USE: IRRIGATION Within WASHINGTON County

T10N R05W S16	NESW	38.00	T10N R05W S16	SWSE	38.00
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76 ACRES TOTAL

This right is limited to the irrigation of 63.5 acres within the place of use described above in a single irrigation season.

Right Nos. 3-10201 and 3-10203 are limited to the irrigation of a combined total of 76 acres 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 - License

The following rights are diverted through point of diversion described above: 3-10200, 3-10201, 3-10202, & 3-10203.

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

This right is a split from former right 3-2007.

3-2007 + 3-4011

Mannings theoretical of ditch	1.54	cfs
Darcy-Weisbach theoretical of pipe	1.04	cfs
Pump capacity theoretical	1.54	cfs
Engineer estimate of ditch capacity	1.5	cfs
Average	1.405	cfs

SRBA

3-2007	1 cfs	79 acres
3-4011	.8 cfs	79 acres

1.8 cfs

$.02 \times 79 \text{ acres} = 1.58$

3-2007	1 cfs	66 acres	Line 1
3-4011	.8 cfs	40 acres	Sub 1

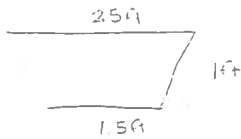
1.8 cfs

$.02 \times 106 \text{ acres} = 2.12$

Jennifer Dean

Robert S. Farnas

3-2007 + 3-4011



$$A = 20 \text{ ft}^2$$

$$P = 15 + 2(7.5 \text{ ft}) = 37.4 \text{ ft}$$

$$R = \frac{2}{37.4} = 0.5353$$

$$S = \frac{4}{5280} = 0.000758$$

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

$$Q = \frac{1.49}{0.035} (2) (0.5353)^{2/3} (0.000758)^{1/2}$$

$$Q = 1.54 \text{ cfs}$$



Darcy-Weisbach

$$Q = 1.037 \text{ cfs}$$

$$e = 2000 \times 10^{-6} = 2.0 \times 10^{-3} \text{ ft}$$

$$\frac{e}{D} = \frac{0.024 \text{ in}}{8 \text{ in}} = 0.003 \text{ in/in}$$

$$r_f - \epsilon_s^+ = 5.0 \text{ ft}$$

$$r = 12.17 \times 10^{-6} \text{ ft}^{2/3}$$

$$L = 40 \text{ ft}$$

$$n = (n_0 + n_1 + n_2 + n_3) m$$

$$n_0 = 0.02 \text{ for earth}$$

$$n_1 = 0.05 \text{ for minor irregularities}$$

$$n_2 = 0.005 \text{ for minor irregularities}$$

$$n_3 = 0.005 \text{ for low velocity}$$

$$m = 1 \text{ for minor irregularities}$$

$$n = 0.035$$

A 2 ft²
P 3.736068 ft
R 0.535322 ft
S 0.000758 ft/ft

n₀ 0.02
n₁ 0.005
n₂ 0.005
n₃ 0.005
m 1
n 0.035

Q 1.545034 cfs

e 0.024 in 0.002 ft
D 8 in 0.66666667 ft
v 0.00001217 ft²/s
L 900 ft
h_f 5 ft
e/D 0.003 in/in
h_f/L 0.00555556 ft/ft
2g 64.4 ft/s²

From chart

f_{min}	V	R	obtained f
0.0275	2.94506378	161329.2	0.027
0.027	2.9722078	162816.1	0.027

Q 1.03749624 cfs

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	20	
DISCHARGE PRESSURE	0	
RATE OF FLOW (cfs)	1.54	
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:

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			24		10	64
			NESE											38
			NWSE				23	38						25
			SWSE			38				38				76
			SESE											38
		21	NENE	1										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

0.02 2.5 acres within POU

0.02 63.5 acres rec less than claim because of GIS acres

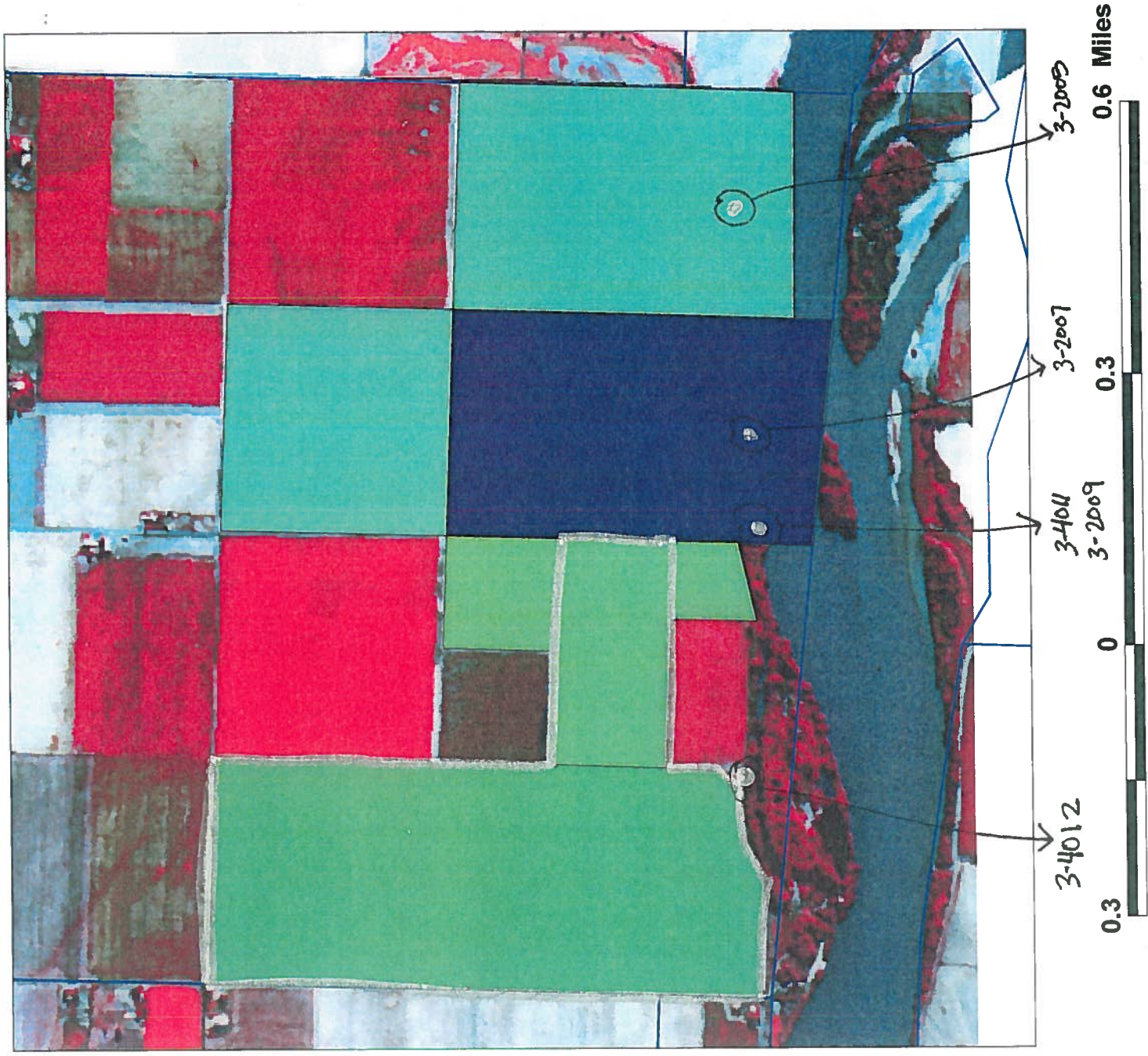
0.02 35 acres within POU

0.02

0.02 rec less than claim because of GIS acres

0.02

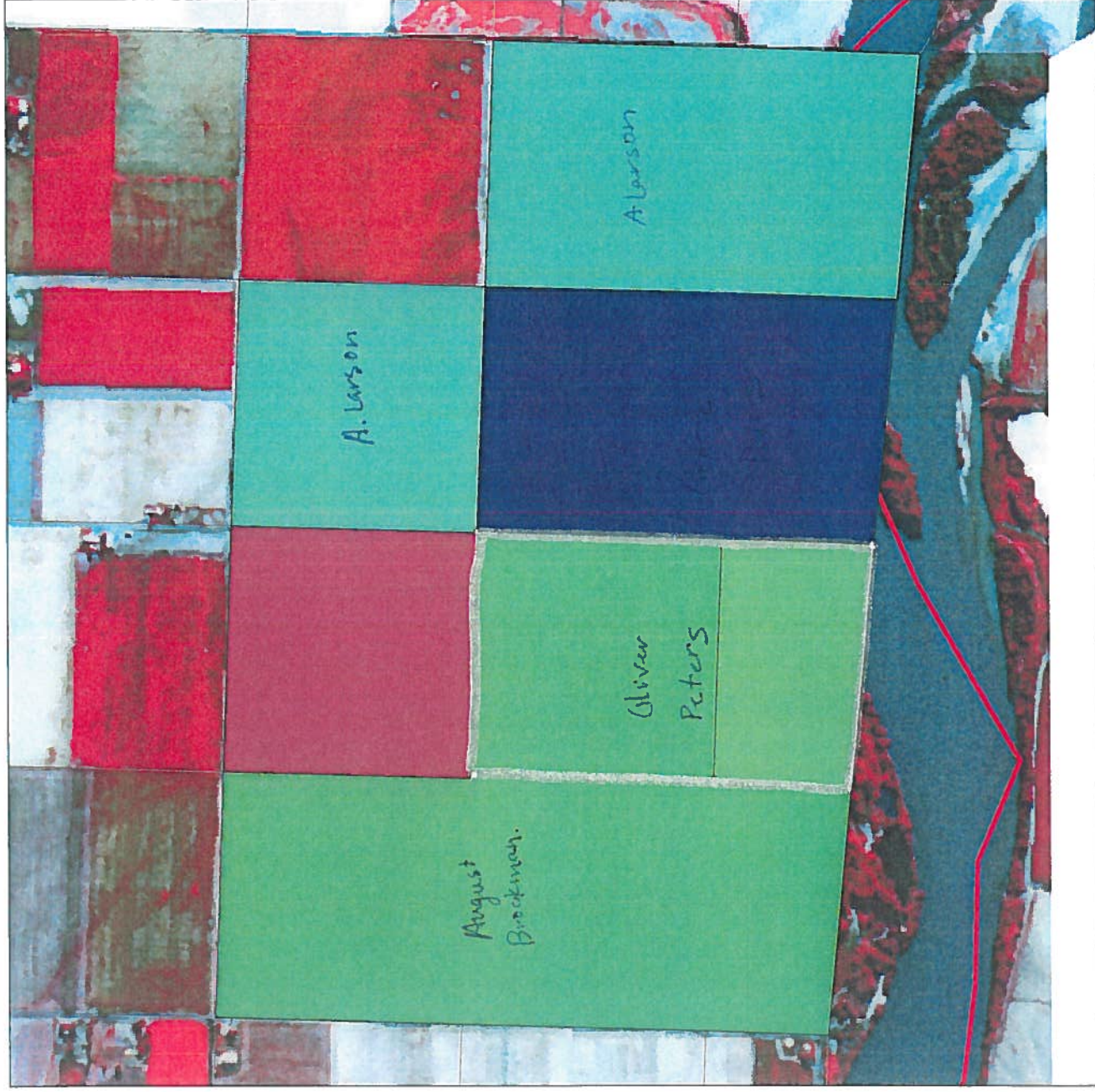
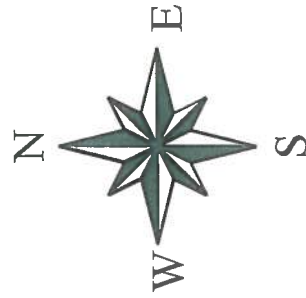
- 03_02009_right_pou.shp
- 03_04012_right_pou.shp
- 03_02007_right_pou.shp
- 03_02005_right_pou.shp
- Sections



Rights

4012
11.9
193
30.2

- 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

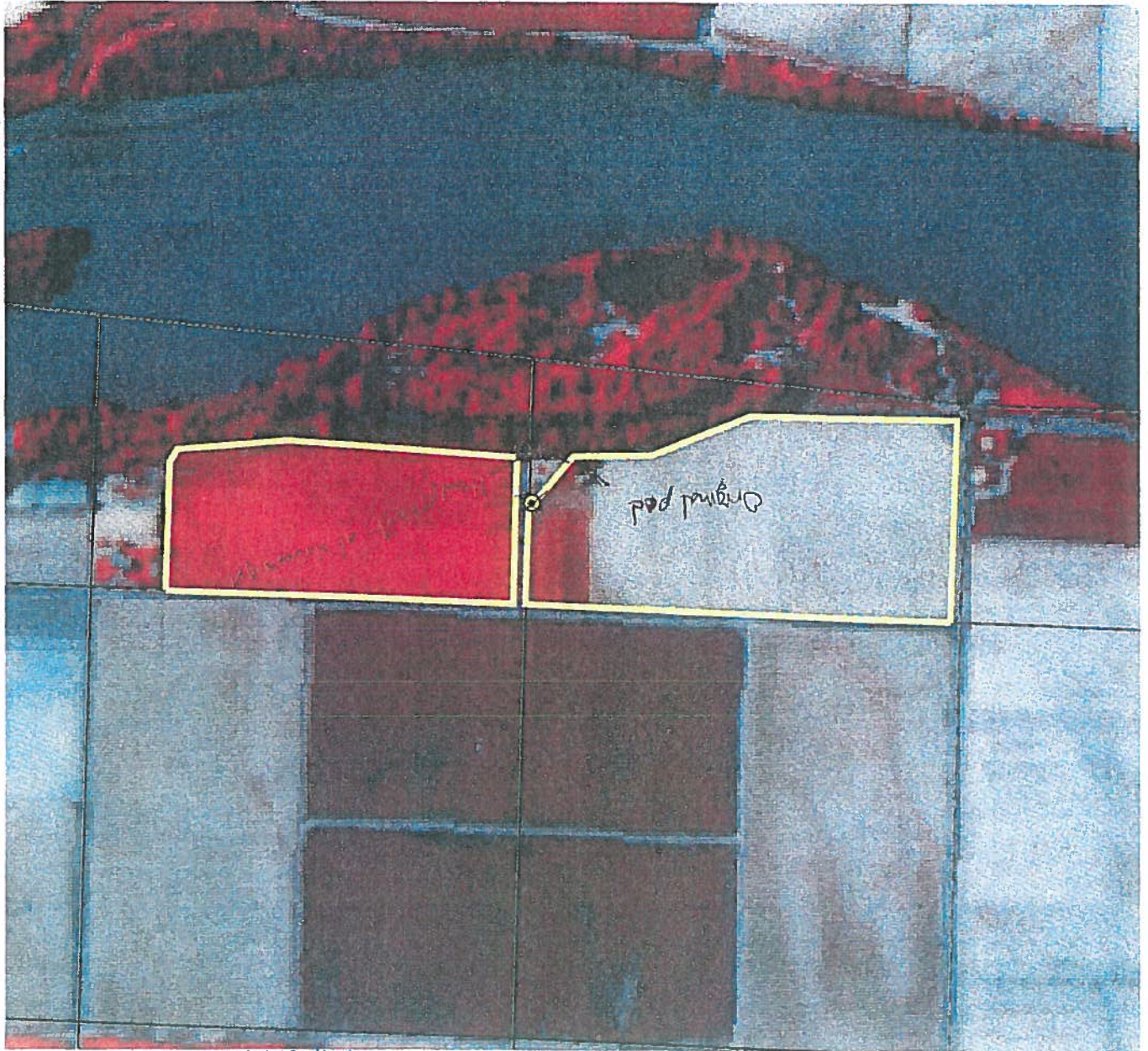


Rights

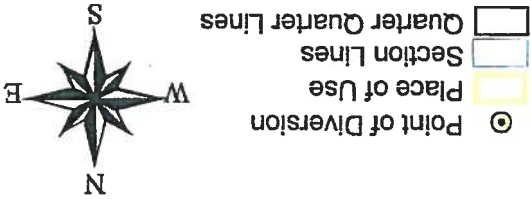
0.3 0 0.3 0.6 Miles

Idaho Department of Water Resources

Attachment "B"

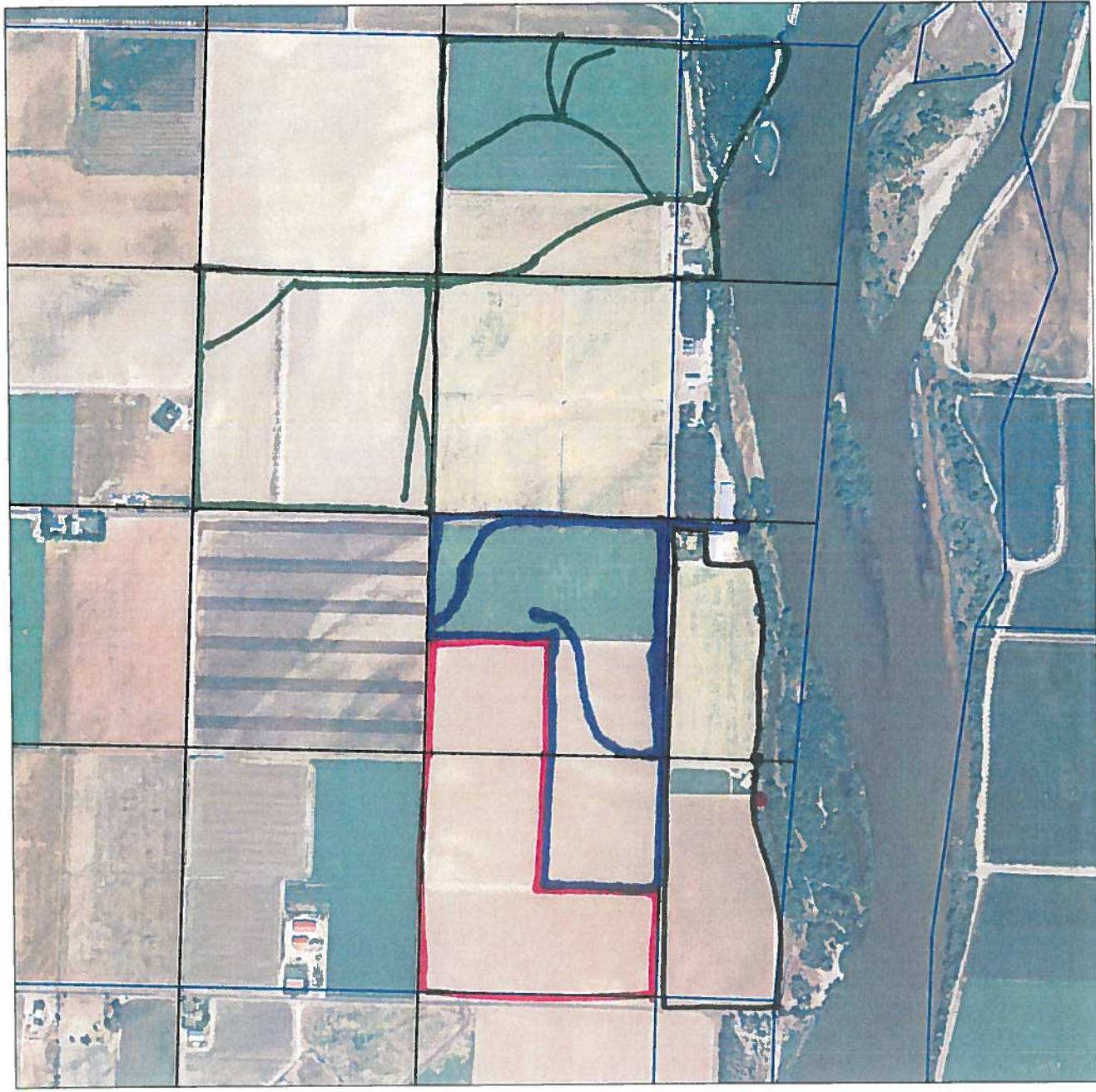
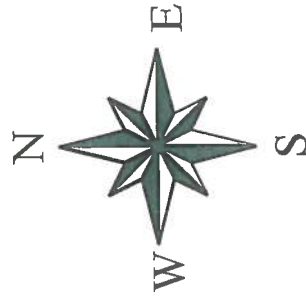


0 0.25 Miles



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

Sections
T10n05w.shp



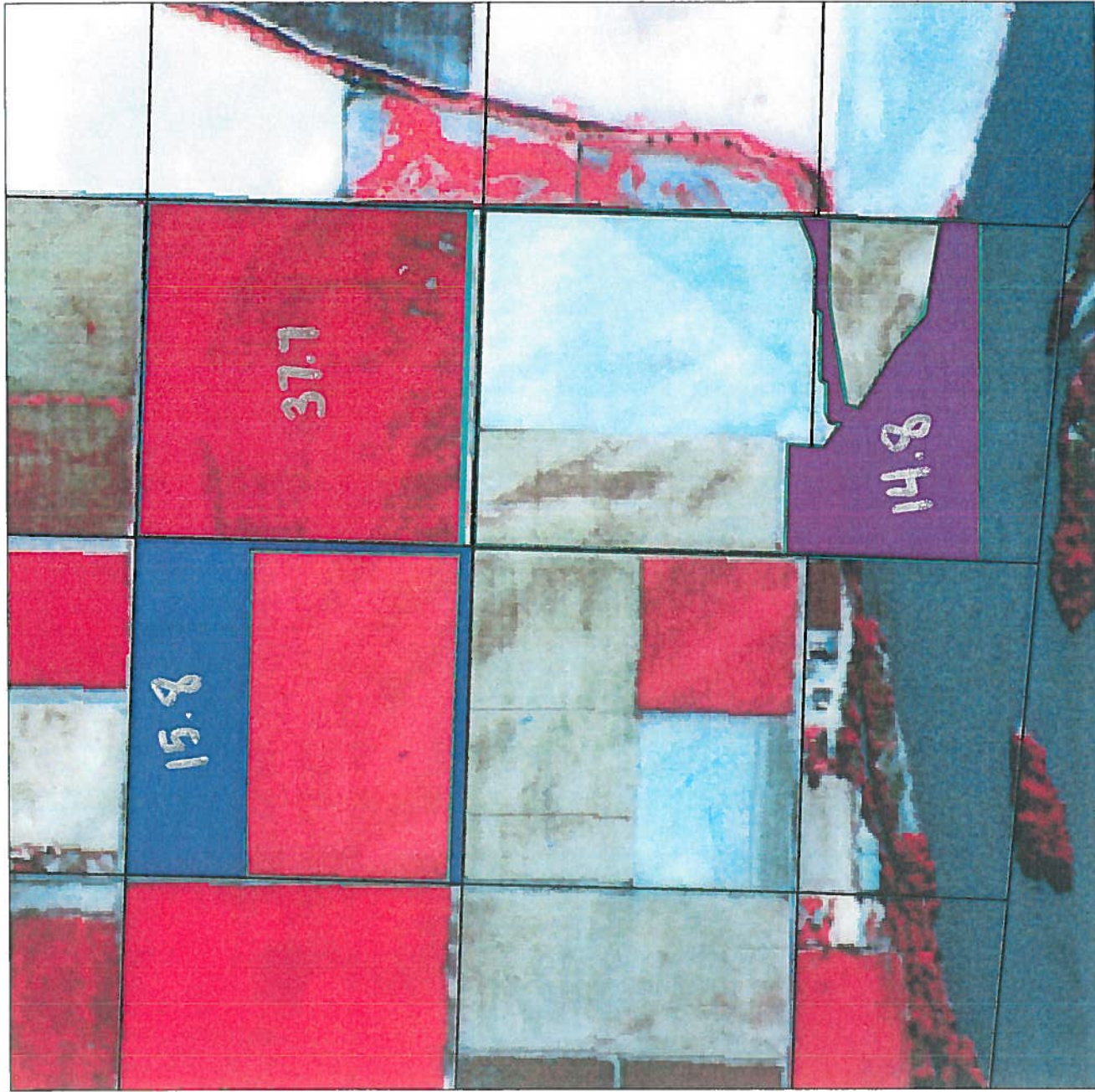
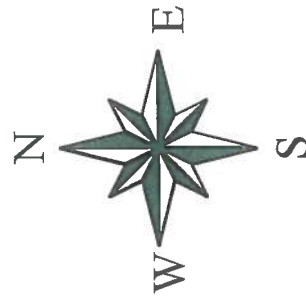
Systems

0.2 0 0.2 0.4 Miles



306

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



Rights

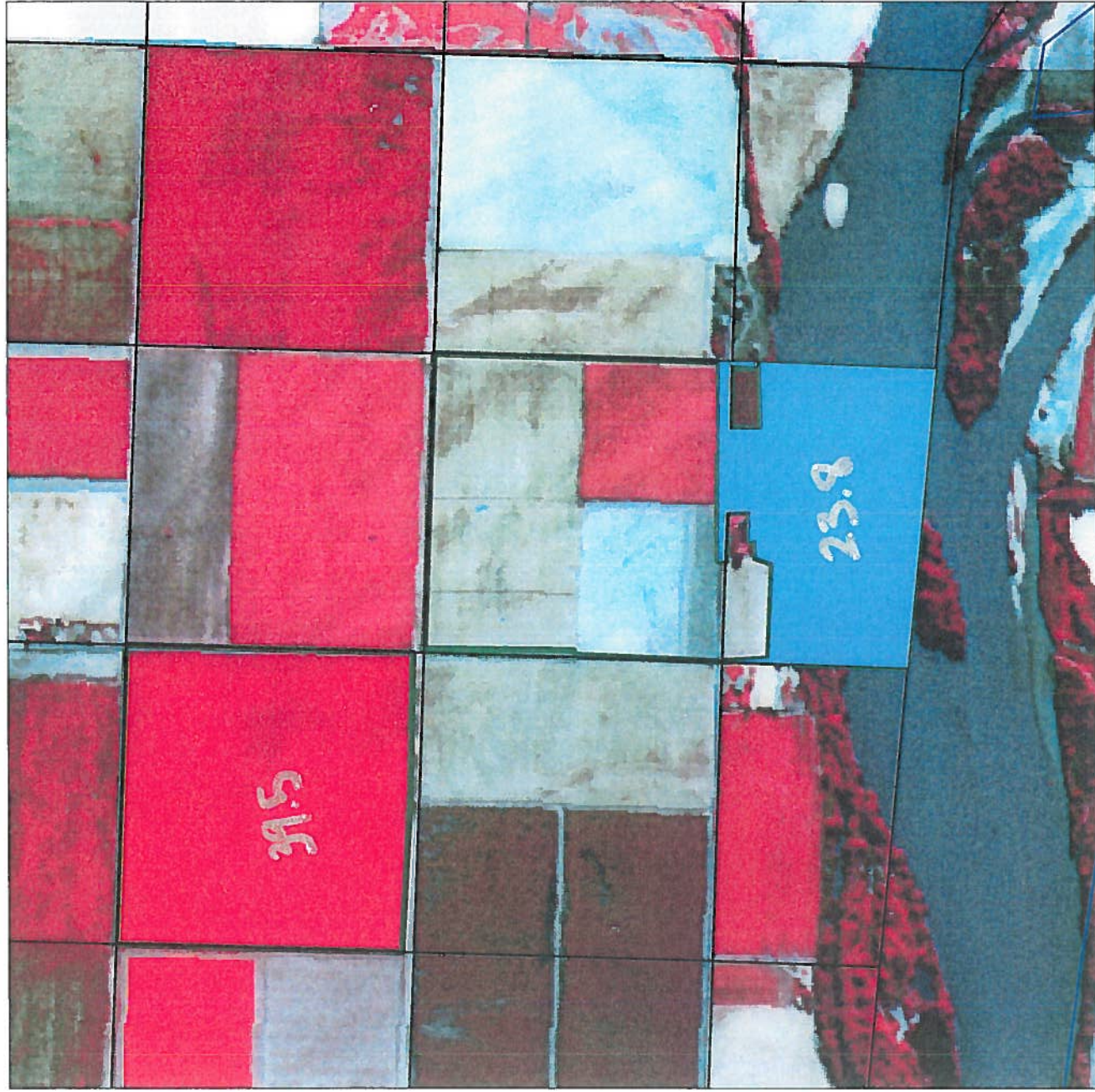
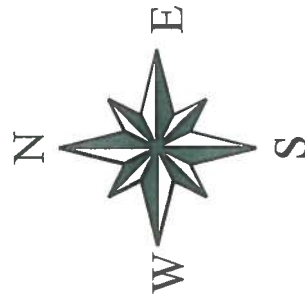
0.4 Miles

0.2

0

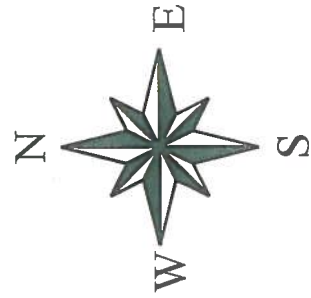
0.2

- Graph134.shp
- 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



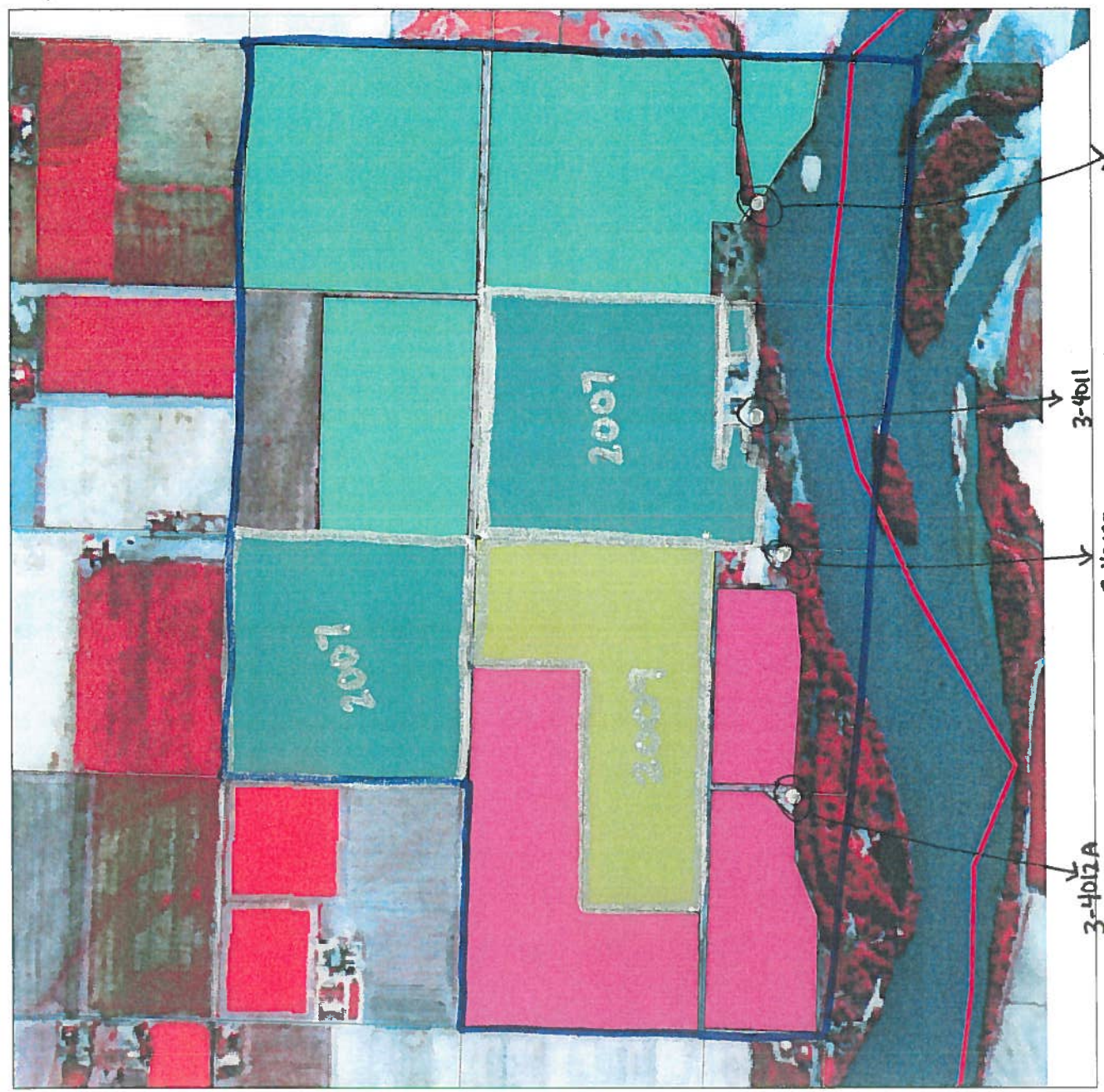
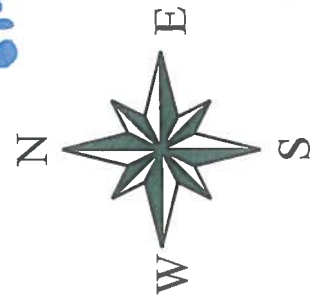
Recs



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

67-14284



3-4012A
 3-4012B
 3-2009
 3-4011
 3-2007
 3-2005



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

511

04/04/2005

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

RIGHT NUMBER: 3-10201

NAME AND ADDRESS: KENNETH L ASCHENBRENNER
4990 N MERIDIAN RD
MERIDIAN ID 83642

R SHARON ASCHENBRENNER
4990 N MERIDIAN RD
MERIDIAN ID 83642

SOURCE: SNAKE RIVER

TRIBUTARY: COLUMBIA RIVER

QUANTITY: 0.960 CFS

PRIORITY DATE: 12/14/1910

POINT OF DIVERSION:

T10N R05W S21 NWNE Lot 2 Within WASHINGTON County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
IRRIGATION	03/15 11/15	0.960 CFS

PLACE OF USE: IRRIGATION Within WASHINGTON County

T10N R05W S16	NESW	39.5	T10N R05W S16	SWSE	38.5
---------------	------	------	---------------	------	------

78 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: License



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

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 3-10201
Date Received: 4/1/2005
Receipt No:
Received By:

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name of Claimant(s)

KENNETH L ASCHENBRENNER Phone: (208)888-3580

4990 N MERIDIAN RD
MERIDIAN ID USA 83642

R SHARON ASCHENBRENNER Phone: (208)888-3580

4990 N MERIDIAN RD
MERIDIAN ID USA 83642

2. Date of Priority: 12/14/1910

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	NW NE 2	WASHINGTON	

5. Description of diverting works:

PUMP, PIPELINE, DITCHES, DIVERSION FROM SLOUGH ALONG SNAKE RIVER

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or) A.F.A
IRRIGATION	03/15	11/15	0.96	

7. Total Quantity Appropriated is:
0.96 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	NE	SW	IRRIGATION	39.5
			SW	SE	IRRIGATION	38.5
					Section Acres	78
					Total Acres	78

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:

This right is a split from former right 3-2007.

15. Basis of Claim: License