

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW/FIELD REPORT**

Permit No: **37-8696**Does this qualify for an in-office field exam (*IDAPA 035.02.r*)?

Is the permit for:

- Irrigation of 5 acres or less
- Storage of up to 14.6 AF for stockwater purposes only
- Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less

Yes - Irrigation

Verify that fees have been paid

Fee Schedule:

<http://www.idwr.idaho.gov/RulesStatutesForms/WaterRights/PDFs/LicenseExamFees.pdf>

(A license examination fee is not required in connection with permit which use a ground water source and have a total rate of diversion of 0.04 cfs or less OR where the total volume stored is 4.0 AF per year or less)

Yes - \$50.00 dollars, receipt C035357**A. CONTACT INFORMATION**Exam/Review Date: 12/24/20121. Is the Owner of record correct (y/n): YIf **NO**: Owner: _____Is the Address of record correct (y/n): Y

If NO: Address: _____

If available:

Phone No: _____

(Primary)

E-mail: _____

Phone No: _____

(Secondary)

E-mail: _____

Open Info Search, enter the permit number, and then use the ArcMap interface to bring up the POU/POD on ArcMap. Check the Taxlot information to see if it matches the permit or proof statement contact information.

In-office/Field Examination Report

B. POINT OF DIVERSION

 N Change in POD (y/n)?

If yes:

-Compare permit map with taxlot data. If it is domestic use from a well, the POD is generally close to the home.
 -For Wells, bring in the "well" layer to see if it is digitized.
 -if your overlap analysis found overlapping rights, you can use the data in those rights to verify the POD location.

Ident No.	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
			NW	SW	31	2N	19E	Blaine	Well log & tax lots

Method of Determination/Remarks: _____

 N Amendment Required (y/n)?

 X X59: Point of diversion is located within <Lot 52, Muldoon Ranch Subdivision #2>.

C. SOURCE:

1. N Change in Source (y/n)?

If yes:

For springs and streams, we use the name of the source shown on the USGS quad maps.

Source: _____ tributary to _____

2. Method of Determination/Remarks: _____

 Amendment Required (y/n)?

 B01: Source is also known as _____.

In-office/Field Examination Report

D. PLACE OF USE:

1. N Change in POU (y/n)?

If yes:

-Use Taxlot information in ArcMap, permit maps, overlapping rights.
-Check for government lots

Place of Use			NE				NW				SW				SE				Totals
TWP	RGE	SEC	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Or:

See attached map (goto I.)

2. Method of Determination/Remarks: GIS Imagery and Tax lot information

N Amendment Required (y/n)?

X60: Place of use is located within <Lot 52, Muldoon Ranch Subdivision #2>.

E. OVERLAP REVIEW

1. Place of Use (POU):

Y (y/n): Other water rights with the same place of use(POU)?

Research Tools:

- InfoSearch - Query for other WR's with same POU
- POU Comparison Report - Query Tools
- Use ArcMap for overlapping POU

We are checking to see if any other water rights share the same POU or POD. The research tools on the left will help narrow down WR's with POU's and PODs in the same 40 acre tract, but that does not necessarily mean they share the same actual POD (same well, spring etc.) or the same POU (house, 3 acre pasture, etc).

In-office/Field Examination Report

Water Right No.	Source	Purpose of Use	Basis
37-363H	Big Wood River	Irrigation	Decree
37-363J	Big Wood River	Irrigation	Decree
37-363G	Big Wood River	Mitigation	Decree
37-364G	Big Wood River	Mitigation	Decree
37-8811	Ground Water	Domestic and Irrigation	

Other water rights in this 40 acres, listed below, are associated with separate parcels. (See attached table)

37-363H, 37-364J, 37-1201, 37-7839, 37-8649, 37-11848, 37-12344, 37-21289, 37-30006, 37-30027, 37-8696, 37-8811, 37-8714, 37-363G, 37-364G, 37-577CB, 37-7839, 37-363G, 37-364G, 37-7839

For irrigation rights only:

___Y___(y/n)? *E55: Right Nos. 37-8696 and 37-8811 are limited to the irrigation of a combined total of 4.2 acres in a single irrigation season.*

2. Point of Diversion (POD) Overlap:

___Y___(y/n) Other water rights with the same point of diversion (POD)? 37-8696

Research tools:

- ✓ InfoSearch - Query for other water rights with the same POU
- ✓ Use ArcMap for overlapping POU

Water Right No.	Source	Purpose of Use	Basis
37-8811	Private well	Domestic and Irrigation	

___ F06: The following rights are diverted through point(s) of diversion described above: 37-8811

F. PURPOSE OF USE:

___N___ Change in purpose of use (y/n):

If yes:

Changes in purpose of use generally consist of things like "Recreation" really being "Recreation Storage", or multi-home domestic uses changing to "Municipal".

Use _____ From _____ To _____ Amount _____ CFS _____ AFA

Use _____ From _____ To _____ Amount _____ CFS _____ AFA

Use _____ From _____ To _____ Amount _____ CFS _____ AFA

Method of Determination/Remarks: _____

Non-irrigation uses:

In-office/Field Examination Report

Domestic # of homes 1

Stock # _____

Other: _____

G. DIVERSION RATE:

IDWR standard = 0.02 cfs

Permit allows 0.02 cfs

Calculations: $(0.02\text{cfs})(3) = 0.06\text{ cfs}$

Since we aren't taking a measurement, this is where we explain the recommended diversion rate. Ex. Internal and external domestic use standard is 0.04 cfs.

Domestic diversion rate = 0.04 cfs

Notes/Remarks: Permit 37-8696 overlaps with permit 37-8811 which allows a diversion rate of 0.03 cfs. 4.2 acres are developed under 37-8811, therefore $(0.03 \times 4.2) = 0.12\text{ cfs}$. When these two water rights are combined, they will provide for a to a total allowable diversion of 0.12 cfs, 0.06 cfs on 4.2 acres for 37-8811 and 0.06 cfs on 3 acres for 37-8696.

Recommend diversion rate of 0.06 cfs for WR 37-8696 for irrigation and 0.04 cfs for domestic (Total of 0.1 cfs)

AND

Recommend diversion rate of 0.06 cfs for WR 37-8811

For uses that require a volume, this area can be used to show calculations and explain the recommended diversion volume. Ex: 3 acres at field headgate of 4.0 AF per acre = 12 AF.

H. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

WR 37-8696

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

$V_{\text{IR}} = (3\text{ac})(3.5\text{AF/ac}) = 10.5\text{AF}$

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

$V_{\text{DR}} = (0.06\text{cfs})(200\text{ days})(1.9835) = 23.8\text{ AF}$

$V = \text{Smaller of } V_{\text{I.R.}} \text{ and } V_{\text{D.R.}} = \underline{\underline{10.5\text{ AF}}}$

WR 37-8811

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

$V_{\text{IR}} = (4.2\text{ac})(3.5\text{AF/ac}) = 14.7\text{ AF}$

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

$V_{\text{DR}} = (0.06\text{cfs})(200\text{ days})(1.9835) = 23.8\text{ AF}$

$V = \text{Smaller of } V_{\text{I.R.}} \text{ and } V_{\text{D.R.}} = \underline{\underline{14.7\text{ AF}}}$

Recommend: 10.5 AF

2. Volume Calculations for Other Uses: NA

In-office/Field Examination Report

I. NARRATIVE/REMARKS/COMMENTS/CHECKLIST

Yes Is there enough information to verify the water right in office (IDAPA 035.02.r)?

We need to be able to verify:

- ☒ Beneficial use
- ☒ Place of use
- ☒ Season of use
- ☒ Point of diversion

After reviewing the information available, is there enough information to verify beneficial use and issue a license?

At a minimum, you must be able to verify the 4 items to the left.

Checklist (you do not need all of these items):

- ☒ Property tax information
- ☒ Well driller report
- ☐ Receipts
- ☐ photographs

This checklist is meant to provide a list of items that can be used to verify beneficial use.

- ☒ Aerial photography (**ArcMap**)
- ☐ Other records of the permit holder

- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (**REQUIRED**).
Scale must be 1:24,000 or greater.

(Use the WENET Layout application for this)

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

NARRATIVE/REMARKS/COMMENTS

Permits 37-8696 and 37-8811 are predicated on mitigation provided by 37-363H and 37-364F, originally decreed water rights for irrigation for other properties via diversion from the Big Wood River. Transfer 3492 split the allocations base right 37-363E into 37-363G and 37-363H and moved 0.22 CFS from 2N18E Sec 15 and 16 to the subject McIlhenny parcel at 2N19E Sec. 31 Transfer 3492 also split Right 37-364F into parts H and J and claim 37-364G for 0.16 cfs is based on decreed water right 37-364J.

Permit 37-8696 allows 0.06 cfs on 3 acres. Based on the diversion of 0.03 cfs and the 4.2 acres developed under permit 37-8811, the maximum allowable diversion rate for 37-8811 is $(0.03 \times 4.2) = 0.12$ cfs. Right 37-8696 allows only for 0.06 cfs on 3 acres therefore when WR 37-8696 and 37-8811 are combined, 37-8811 should be limited to 0.12 cfs - 0.06 cfs from 37-8696 for a total allowable diversion of 0.06 cfs on 4.2 acres for 37-8811 and 0.06 cfs on 3 acres for 37-8696. An amendment will be sent to the applicant to accommodate irrigation of the 3 acres anywhere within the 4.2 acre parcel.

J. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Irrigation	4/15 to 10/15	0.06 CFS	10.5 AF
Domestic	01/01 to 12/31	0.04 CFS	
	Totals:	0.10 CFS	10.5 AF

In-office/Field Examination Report

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 ☐ None

K. AUTHENTICATION

Field Examiner's Name Carol J. Husley Date 1-7-2013

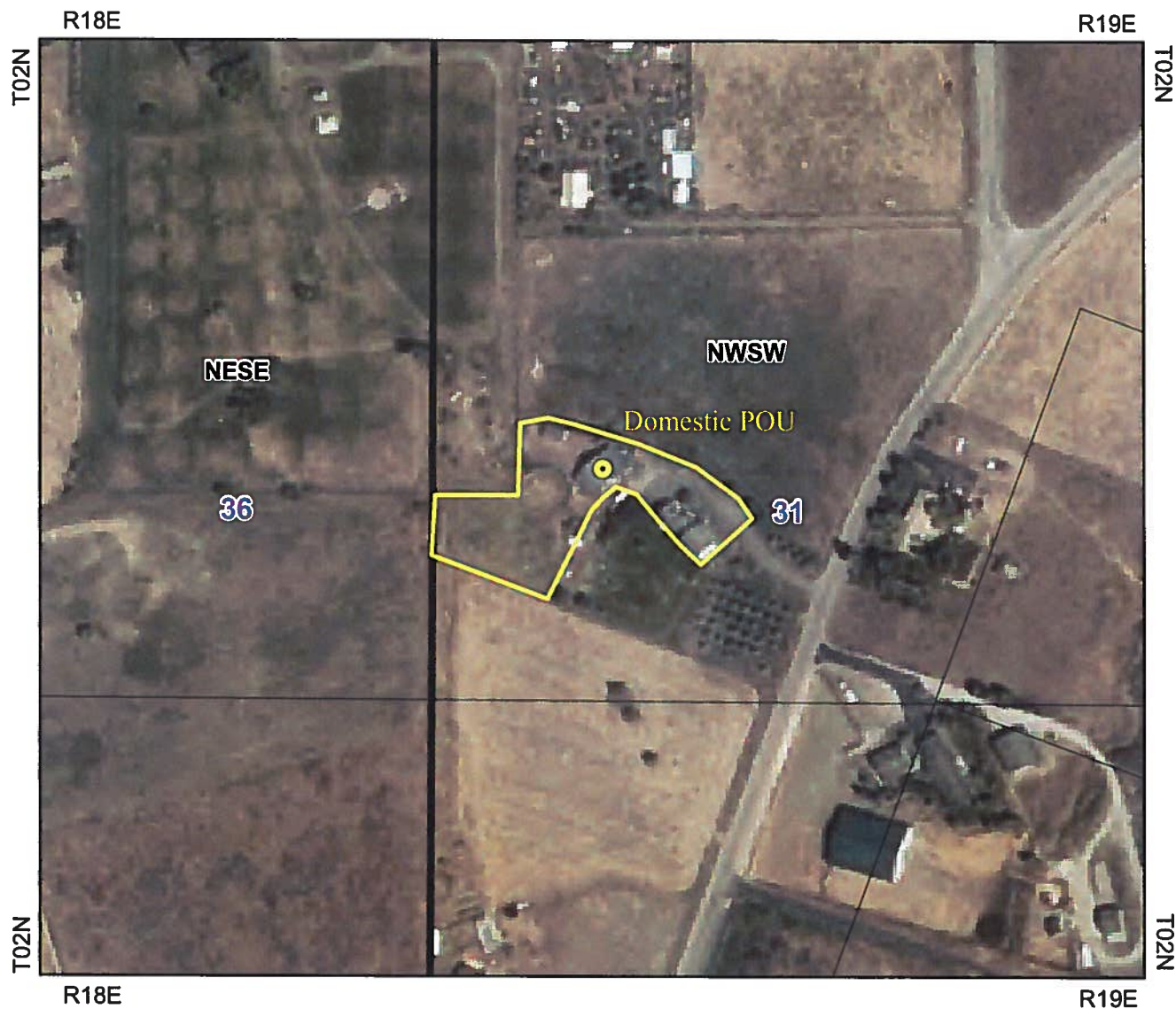
Reviewer _____ Date _____

State of Idaho
Department of Water Resources

Attachment For Amendment To Water Right License

37-8696

This map depicts the DOMESTIC 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.



0 0.025 0.05 0.1 Miles

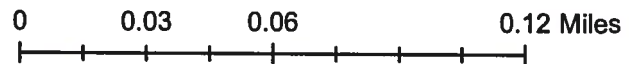
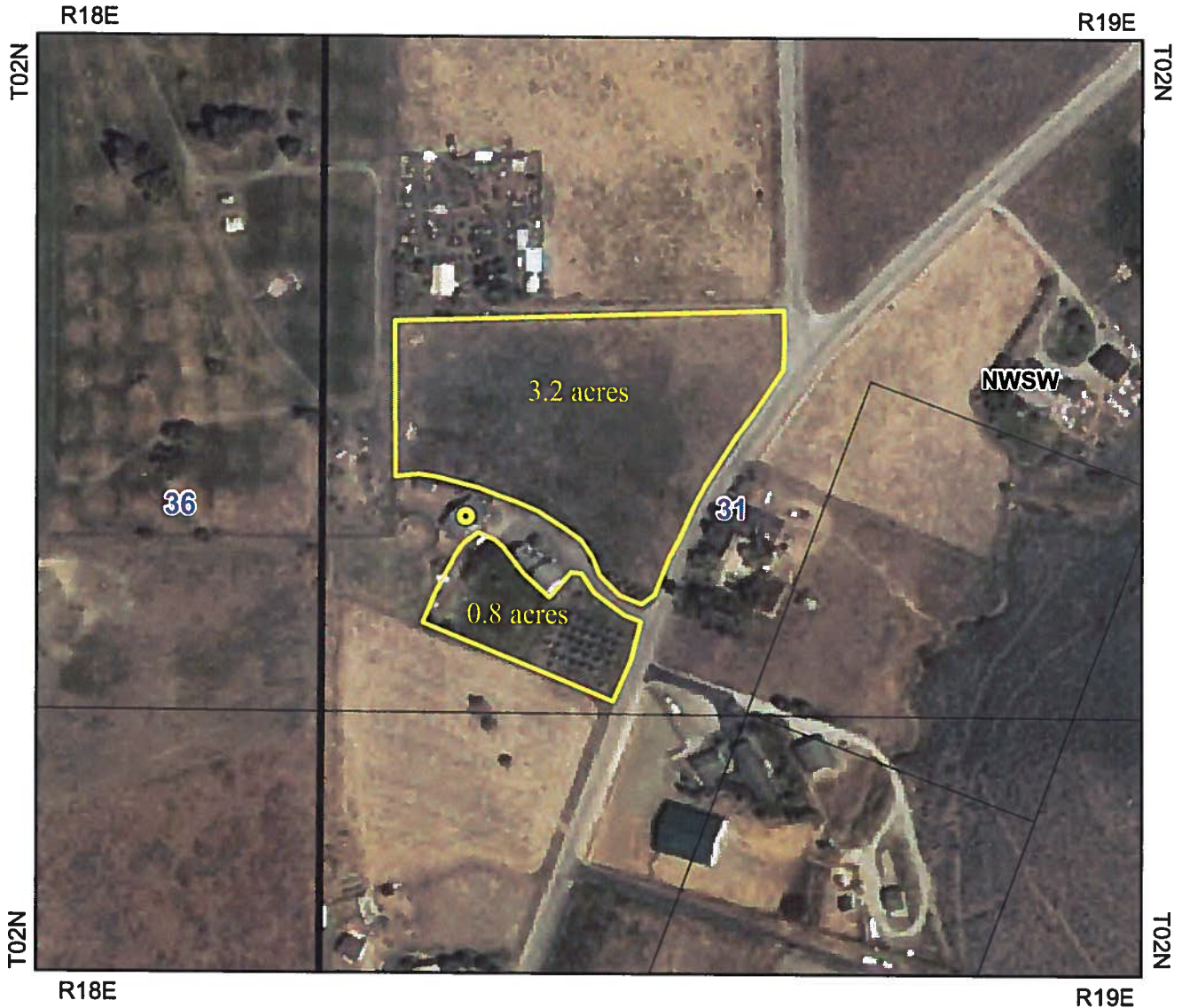
- Point of Diversion
- Place Of Use Boundary
- Townships
- PLS Sections
- Quarter Quarters



State of Idaho
Department of Water Resources

Attachment For Amendment To Water Right License 37-8696

This map depicts the IRRIGATION 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



Basin	Sequence	Suffix	Version Number	Process	Basis	Status	Draft	RightID	Priority Date	Diversion Rate	Source List	Water Use List	Current Owner	Other Owner	Leased to Water Supply Bank	Application ID	Approval Date	Total Acres	Acre Limit	Volume	Water District
37	363	H		Water Right	Decreed	Active	N	37126	4/12/1883	0.220	BIG WOOD RIVER	IRRIGATION	MC ILHENNY, SCOTT	JUSTUS, U S(Original Owner)	No			5.0			37 - Big Wood River
37	364	J		Water Right	Decreed	Active	N	15556	5/1/1887	0.160	BIG WOOD RIVER	IRRIGATION	MC ILHENNY, SCOTT	JUSTUS, U S(Original Owner)	No			5.0			37 - Big Wood River
37	1201			Water Right	Decreed	Active	N	38304	5/14/1909		SEAMANS CREEK	IRRIGATION	CAMPBELL, NEIL		No						37 - Big Wood River
37	7839			Water Right	License	Active	N	40900	6/30/1980	0.320	GROUND WATER	IRRIGATION	BELLEVUE CEMETERY MAINTENANC		No			20.0		60.0	
37	8649			Water Right	License	Active	N	41682	5/9/1990	0.040	GROUND WATER	DOMESTIC	JACKSON, BARBARA; JACKSON,		No					1.2	
37	11848			Water Right	Decreed	Active	N	415357	6/1/1977	0.040	GROUND WATER	DOMESTIC, STOCKWATER	SEVERE-MC IVER, CARLITA F	CRAIGMILE S, JEANETTE	No						
37	12344			Water Right	Decreed	Active	N	415488	12/31/1973	0.040	GROUND WATER	DOMESTIC, STOCKWATER	ZACK, GARY	PETRILLO, RICHARD(Original	No						
37	21289			Water Right	Decreed	Active	N	607483	10/8/1986	0.030	GROUND WATER	IRRIGATION	JACQUELINE C LINDBERG 1995	GUFFY, LINDA JEAN(Previ	No			1.7		6.0	
37	30006			Water Right	Decreed	Active	N	102475	3/24/1883	5.000	BIG WOOD RIVER	IRRIGATION	BURLINGTON SAVINGS BANK	RILEY, W T(Original Owner)	No						37 - Big Wood River
37	30027			Water Right	Decreed	Active	N	102485	3/24/1883	0.100	BIG WOOD RIVER	IRRIGATION	MILLER, RICHARD D	RILEY, W T(Original Owner)	No			6.2			37 - Big Wood River
37	8696			Water Permit		Active	N	41724	11/30/1990	0.100	GROUND WATER	DOMESTIC, IRRIGATION	MC ILHENNY, JEANETTE	MC ILHENNY, SCOTT(Ori	No		4/10/1992	3.0			
37	8811			Water Permit		Active	N	41834	5/3/1993	0.090	GROUND WATER	IRRIGATION	MC ILHENNY, JEANETTE	MC ILHENNY, SCOTT(Ori	No		10/18/1993	5.0			37 - Big Wood River
37	8714			Water Application		Active		41740	2/27/1991	0.130	GROUND WATER	DOMESTIC, IRRIGATION	LAMBERT, MIKE	CROPPER, DAVID L(Original	No	23088		3.0			
37	363	G	1	Recommendation	Decreed	Active		310185	4/12/1883	0.220	BIG WOOD RIVER	MITIGATION	MC ILHENNY, JEANETTE	ARRATE, CHRISTINA (Directors	No						37 - Big Wood River
37	364	G	1	Recommendation	Decreed	Active		310188	5/1/1887	0.160	BIG WOOD RIVER	MITIGATION	MC ILHENNY, JEANETTE	ARRATE, CHRISTINA (Directors	No						37 - Big Wood River
37	577	CB	1	Recommendation	Decreed	Active		606743	3/24/1883	0.100	BIG WOOD RIVER	IRRIGATION	JOHNSON, KARI S; JOHNSON,	MILLER, RICHARD D(Directors	No			4.1			
37	7839		1	Recommendation	License	Active		310279	6/30/1980	0.320	GROUND WATER	IRRIGATION	BELLEVUE CEMETERY MAINTENANC		No			20.0		60.0	
37	363	G		Claim	Decreed	Active		247029	4/12/1883	0.220	BIG WOOD RIVER	IRRIGATION	MC ILHENNY, JEANETTE	ARRATE, CHRISTINA (Directors	No			5.0		17.5	37 - Big Wood River
37	364	G		Claim	Decreed	Active		247030	5/1/1887	0.160	BIG WOOD RIVER	IRRIGATION	MC ILHENNY, JEANETTE	ARRATE, CHRISTINA (Directors	No			5.0		17.5	37 - Big Wood River
37	7839			Claim	License	Active		234905	6/30/1980	0.320	GROUND WATER	IRRIGATION	BELLEVUE CEMETERY MAINTENANC		No			20.0			

POU

POD

Basin	Sequence	Suffix	Version Number	Process	Basis	Status	Draft	RightID	Priority Date	Diversion Rate	Source List	Water Use List	Current Owner	Other Owner	Leased to Water Sup	Application ID	Approval Date	Total Acres	Acre Limit	Volume	Water District
37	8649			Water Right	License	Active	N	41682	5/9/1990	0.040	GROUND WATER	DOMESTIC	JACKSON, BARBARA; JACKSON, BERNE L		No					1.2	
37	12344			Water Right	Decreed	Active	N	415488	12/31/1973	0.040	GROUND WATER	DOMESTIC, STOCKWATER	ZACK, GARY	PETRILLO, RICHARD(Original Owner)	No						
37	8696			Water Permit		Active	N	41724	11/30/1990	0.100	GROUND WATER	DOMESTIC, IRRIGATION	MC ILHENNY, JEANETTE	MC ILHENNY, SCOTT(Original Owner)	No		4/10/1992	3.0			
37	8811			Water Permit		Active	N	41834	5/3/1993	0.090	GROUND WATER	IRRIGATION	MC ILHENNY, JEANETTE	MC ILHENNY, SCOTT(Original Owner)	No		10/18/1993	5.0			37 - Big Wood River
37	8714			Water Application		Active		41740	2/27/1991	0.130	GROUND WATER	DOMESTIC, IRRIGATION	LAMBERT, MIKE	CROPPER, DAVID L(Original Owner); CROPPER, LINDA C(Original Owner)	No	23088		3.0			
37	577	BY		Claim	Decreed	Active		291074	3/24/1883	0.100	BIG WOOD RIVER	IRRIGATION	RATLIFFE, KATHLEEN L; RATLIFFE, WILLIAM R	BUCHANAN, BRUCE(Original Owner); GUTCHES, CAROLYN L(Directors Report Owner); GUTCHES, MITCHELL T(Directors Report Owner); TORRES, HEIDI(Original Owner); TORRES, KIRK(Original Owner)	No			5.0			

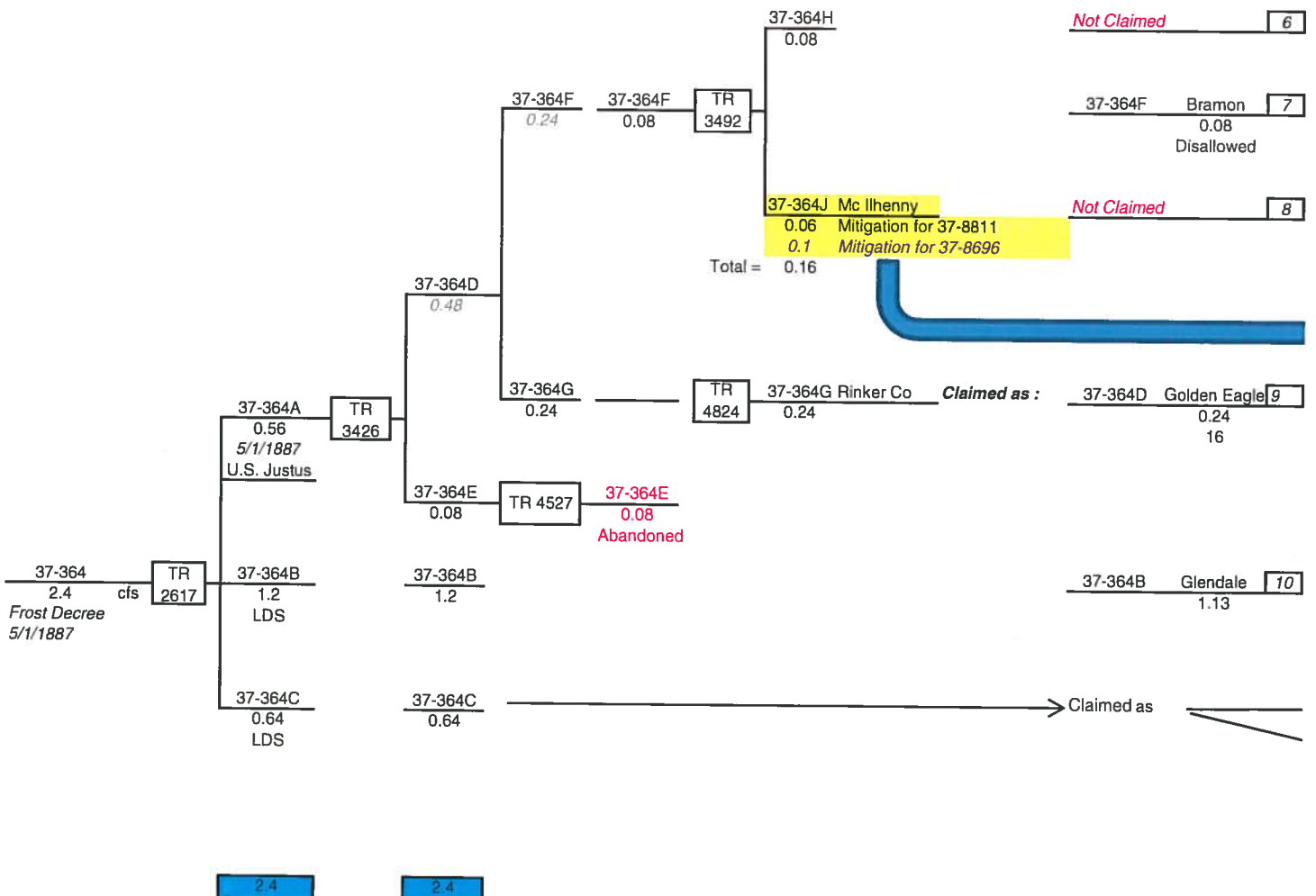
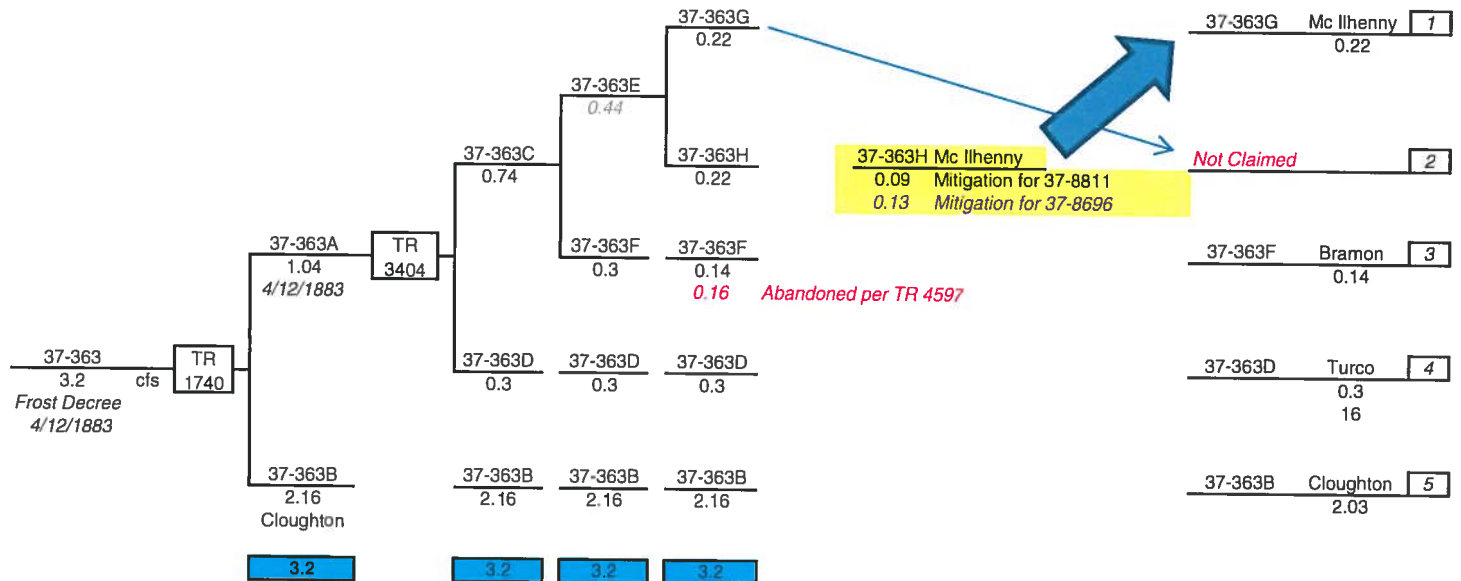
lot 50
114 Qtr hrs
rel

" "
needs moved
needs moved
diff parcel
-diff
1/4 1/4
lot 22
m R sub

Split History for 37-363 and 37-364

WR History

SRBA Claim History



Split History for 37-363 and 37-364

Recommendation			Decreed						
1	37-363G	Mc Ilhenry 0.22	37-363G	Mc Ilhenry 0.22 4/12/1883	Mitigation for 37-8696 and 37-8811				
2	Not Claimed		Not Claimed Deadline 1/31/13 0.22						
3	37-363F	Bramon 0.14 4.8	37-363F	Bramon 0.14 4.8 4/12/1883					
4	37-363D	Turco 0.3 16	37-363D	Turco 0.3 16 4/12/1883					
5	37-363B	Cloughton 1.63 0.1	37-363B	Cloughton 1.63 0.1	Irr Mitigation				
			<table><tr><td>Sum CFS =</td><td>2.77</td></tr><tr><td>Extra CFS =</td><td>0.43</td></tr></table>			Sum CFS =	2.77	Extra CFS =	0.43
Sum CFS =	2.77								
Extra CFS =	0.43								
6	Not Claimed		Not Claimed 0.08						
7	37-364F	Bramon 0.08 Disallowed	37-364F	Bramon 0.08 Disallowed					
8	Not Claimed		Not Claimed Deadline 1/31/13						
			37-364G Mc Ilhenry 0.16 Mitigation for 37-8696 and 37-8811						
9	37-364D	Golden Eagle 0.24 16	37-364D	Golden Eagle 0.24 16 5/1/1887					
			37-364E 0.08 Abandoned						
10	37-364B	Glendale 1.2 60	37-364B	Glendale 1.2 60 5/1/1887					
			37-21727 Hardee Construction 0.31 0.02 5/1/1887 Irr Mitigation						
			37-21728 Major 0.29 0.02 Irr Mitigation						
			<table><tr><td>Sum CFS =</td><td>2.24</td></tr><tr><td>Extra CFS =</td><td>0.16</td></tr></table> Irr			Sum CFS =	2.24	Extra CFS =	0.16
Sum CFS =	2.24								
Extra CFS =	0.16								