

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Recommendation Report 78-7130 V1

WATER RIGHT NUMBER: 78-7130 V1

<u>Owner Type</u>	<u>Name and Address</u>
Original Owner	BERNICE THENO
	, ID
Original Owner	WILLIAM F THENO
	, ID
Original Owner	JOAN VAN TASSEL HC 1 BOX 845 POLLOCK, ID 83547 (208)628-3727
Original Owner	DALE VAN TASSEL HC 1 BOX 845 POLLOCK, ID 83547 (208)628-3727
Current Owner	LOIS M KELLEY HC1 BOX 845 POLLOCK, ID 83547-9701 (208) 628-3241
Current Owner	TIMOTHY W KELLEY HC1 BOX 845 POLLOCK, ID 83547-9701 (208) 628-3241

Priority Date: 10/07/1980

Basis: License

Status: Active

<u>Source</u>	<u>Tributary</u>
LITTLE SALMON RIVER	SALMON RIVER

<u>Beneficial Use</u>	<u>From</u> <u>To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
IRRIGATION	03/01 to 11/30	0.070 CFS	23.20 AF
	<u>Total Diversion:</u>	0.070 CFS	23.20 AF

Location of Point(s) of Diversion

LITTLE SALMON RIVER NW1/4NW1/4 Sec. 16, Twp 23N, Rge 01E, B.M.

IDAHO County

Place of Use

IRRIGATION																			
Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
23N	01E	9												.6					.6
23N	01E	16					3.4	1.8											5.2

Total Acres: 5.8

IDAHO DEPARTMENT OF WATER RESOURCES

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Conditions of Approval:

1. S46 The use of water for irrigation under this right may begin as early as February 15 and may continue to as late as November 30, provided other elements of the right are not exceeded.
2. From claim: POU also known as Lots 1-5, W.F. Theno Subdivision.
3. C18 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.
4. L15 IDWR retains jurisdiction of this right to change, add or remove any requirement as determined to be appropriate.
5. E64 This right authorizes the irrigation of 5.8 total acres.
6. Status listed as temporary until accepted by SRBA court. mvanbussum 5-21-2007
7. R31 This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 4.0 afa per acre for irrigation of the lands above.

Remarks:

Comments:

1. shemenway 7/17/2007 FILE REVIEW & REC

Comment: MADE RECOMMENDATIONS; C.FRITSCHLE APPROVED S46 TO BE ADDED SINCE LICENSE SHOWS PERIOD OF USE AS 3/1 TO 11/30 AND ARCVIEW SHOWS 2/15 TO 11/30

Water Supply Bank:



Idaho Department of Water Resources

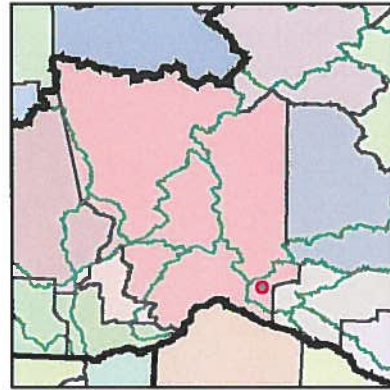
SRBA Recommendation:

78-7130

(Irrigation)

Legend

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



Idaho County
IDWR Basin 78



0.4 Miles

0.2

0

Prepared by S. Hemenway
On Tuesday, July 17, 2007
1987/88 Aerial Photography

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 78-07130

Priority: October 7, 1980

Maximum Diversion Rate:
Maximum Diversion Volume:

0.07 CFS
23.2 AF

This is to certify, that DALE VAN TASSEL
JOAN VAN TASSEL

HC 1 BOX 845
POLLOCK ID 83547

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated October 15, 1979; and has submitted Proof of Beneficial Use on October 14, 1980. An examination indicates that the works have a diversion capacity of 0.070 cfs of water from:

LITTLE SALMON RIVER tributary to SALMON RIVER

source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	03/01 to 11/30	0.07 CFS	23.2 AF

LOCATION OF POINT(S) OF DIVERSION: NWNW, Sec. 16, Township 23N, Range 01E
IDAHO County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
23N	01E	9	SWSW 1	SWNW 12		2
		16	NWNW 13			3.8

Total number of acres irrigated: 5.8

CONDITIONS OF APPROVAL AND REMARKS

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount that can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 4.0 afa per acre for the lands above.

JAN 21 1980

State of Idaho
Department of Water Resources

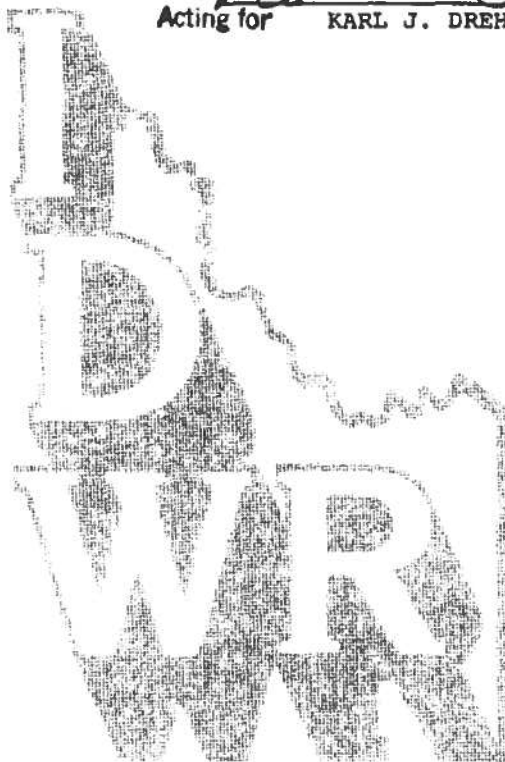
WATER RIGHT LICENSE

WATER RIGHT NO. 78-07130

CONDITIONS OF APPROVAL AND REMARKS

This license is issued pursuant to the provisions of Section 42-219, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this 17th
day of NOVEMBER, 1995.


Acting for KARL J. DREHER, Director



JAN 26 1996

MEMORANDUM

TO: File 78-07130 / Dale Van Tassel
FROM: Brenda Chapman
DATE: November 14, 1995
RE: Recommendation Adjustment(s)

=====

The final licensing recommendations for Right 78-07130 are based on the information below:

C. DIVERSION AND DELIVERY SYSTEM

2. Place of Use: The 5.75 acres have been rounded up to 5.8.

F. FLOW CALCULATIONS

The recommended rate (also capacity) has been reduced based on the pumpback computation spreadsheet results. It indicates the system capacity is .07 cfs, not .10 cfs.

G. VOLUME CALCULATIONS

The volume has been changed to the current recommended estimate of the consumptive irrigation requirement for crops in that area. [E/4.0 afa per acre]

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use	Rate of Div	Annual Vol
Irrigation	3-01 to 11-30	.07	23.2

1995
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LICENSE REVIEW CHECKLIST



PERMIT NO. 78-07130 DATE 11-13-95

NAME Change OK Or Address Change? Assignment Received

PRIORITY DATE ✓ Advance? YES Advanced to: 10-07-80
 Order to reinstate needed? YES-DO
 Incorrect fee for rate recommended? NO

SOURCE ✓ Changes or just clarification of originally intended source? _____
 Notice of Intent to Void necessary? _____

POINT OF DIV ✓ Amendment needed? _____
✓ Overlaps? (78-04044 different P/O-own)

PLACE OF USE ✓ Amendment needed? _____
✓ Overlaps? Neighbors/NA

DIV RATE ✓ Permit/fee limits: .14 CFS IRR @ .10 / DOM @ .04
from Pipeflow Meas Q = .07 Theo Q = _____ Recommend: .07
(NOT .10 CFS)
5.8 UREA x .02 = .12 CFS
 Combined rates exceed capacity _____

ANNUAL VOLUME ✓ Volume Limit: NEW Season: E/4.0 (3-1 to 11-30)
 Calculations: 5.8 x 4 = 23.2
 Flow limit: .07 cfs x 275 x 1.9835 = 38.1
 Combined volumes exceed capacity/allowable _____

USES ✓ Change in Nature of Use or additional uses? _____
 Amendment necessary? _____

ADDITIONAL INFO Supplemental Groundwater _____ PPU Scenario _____
 Irr/Dom Combination _____ Shared G/W System _____

NEW REMARKS _____ Multiple p/d(s) in ¼ ¼? _____
 _____ Other _____

NEW CONDITIONS _____ Watermaster control - District _____
 _____ Measuring/Locking Devices _____
R31 _____ Irrigation Overlap _____
 _____ Other _____
 _____ Water Quality _____ Heat/Cool/Fish verified _____

COMMENTS ① Domestic use being provided for by a well.
② DO Order of Reinstatement + Priority Advancement

RECOMMENDATION	CFS	VOLUME	SRBA Claim Filed	NO
<u>Irrigation</u>	<u>.07</u>	<u>23.2</u>	Adjustment Memo Needed	<u>YES</u>
_____	_____	_____	LICENSE	<u>✓</u>
_____	_____	_____	1ST AMEND LETTER	_____
_____	_____	_____	2ND AMEND LETTER	_____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
OCT 17 1995
Department of Water Resources

A. GENERAL INFORMATION

Permit No. 78-07130

1. Owner: William & Bernice Thero Phone No. (208) 628-3727

Current Address: PO Box 1103 Riggs, Id 83549

2. Accompanied by: Dale & Joan Van Tassel EXAM DATE: 6/3/95

Address: HCI Box 845 Pollack, Id 83547 Phone No. (208) 628-3727

Relationship to Permit Holder: owner of property now

3. Source: Little Salmon River tributary to Salmon River

B. OVERLAP REVIEW

78-07223, 78-07267, 78-04047, 78-04167, 78-04168, 78-07064

1. Other water rights with the same place of use: 78-07336, 78-07337, 78-04108, 78-07139

2. Other water rights with the same point of diversion: 78-04044

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
			NW	NW	16	23N	1E	Idaho	USGS Topo. + exam

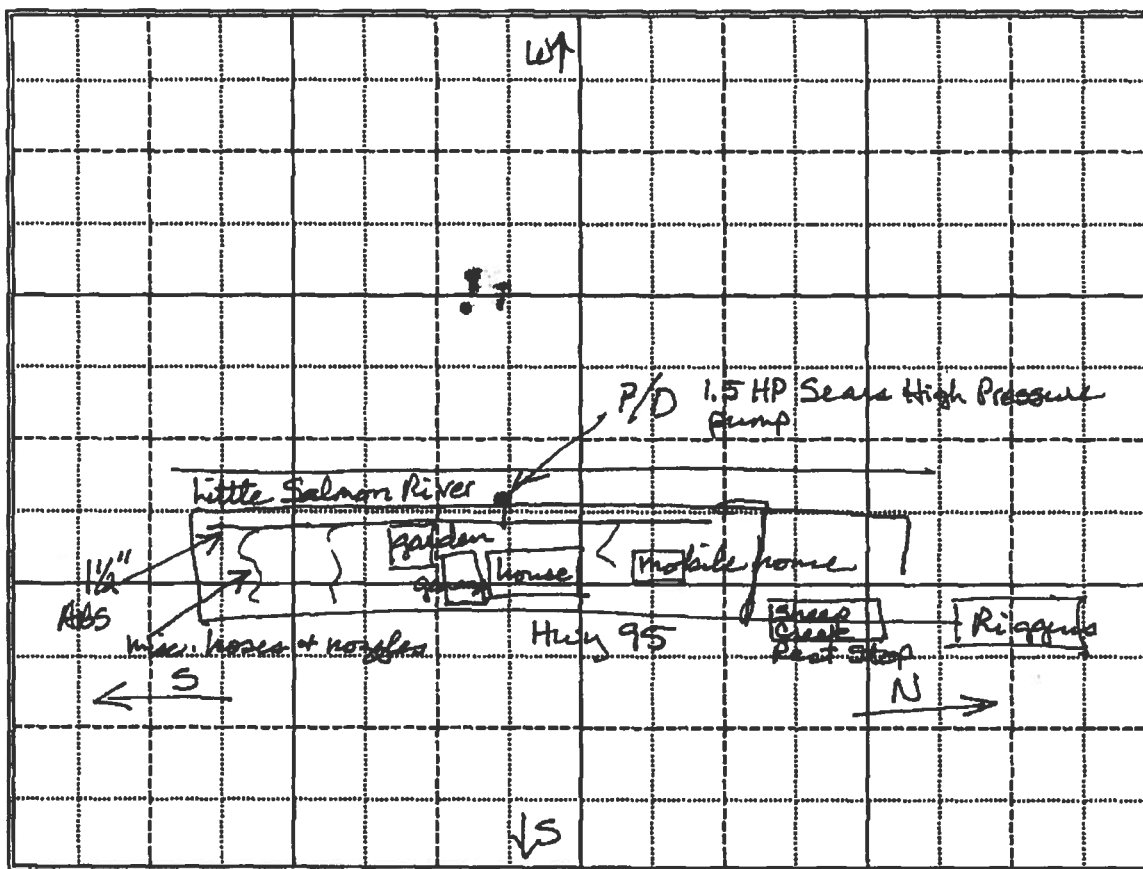
2. Place(s) of Use:

Indicate Method of Determination USGS Topo. + exam

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
23N	1E	9											I 2						2.0 acres
23N	1E	16					SH I 1.75		I 2										2.0 acres
23N	1E	16																	1.75 acres
																			5.75 acres

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3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = _____

☒ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

☐ Aerial Photo Attached (required for irrigation of 10+ acres)

☒ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
		1.5	290-262557	Sears High Pressure	1 1/2"

*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: _____

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E. NARRATIVE/REMARKS/COMMENTS

- No govt. lots were found.
- Overlaps for P/U were other land &/or other uses.
- Overlaps for P/D were other sources.
- Current owner is Dale &/or Joan Van Tassel (208) 628-3727, HC1 Box 845 Pollack, Id. 83547
- The system consists of only 1 P/D in T23N R01E S16 NWNW. A 1 1/2 HP Sears High Pressure pump & 1 1/2" ABS pipe diverts water from the Little Salmon River, with numerous sections of the pipe that "T-off" & convert to various size hoses & misc. size & types of sprinklers to irrigate 5 3/4 acres of fruit trees, Russian Olive trees, a garden area, the yard, & grassed area between the trees for fire protection.
- Use is for irrigation of 5 3/4 acres garden, yard, trees, & for fire protection if needed (total prop. owned is 6 acres)
- While doing the exam, Dale Tassel said that domestic water use for the home & mobile home next to the house is a ground water source, no internal use is taken from the Little Salmon River. (Bill Thero had the well drilled & no well report was found)
- No physical measurement was able to be taken due to the variety of nozzles & sizes of hoses on the system.

(Assignment of appl. for perm. was sent to Van Tassel)

Have conditions of permit approval been met? ☒ yes ☐ no

1/26/96

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F. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

Measured Method:

$$5.75 \text{ acres} \times .02 \text{ cfs} = .12 \text{ cfs}$$

* Pumpback computation spreadsheet (see attachment) = .10 cfs

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

* $V_{I.R} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 5.75 \text{ acres} \times 3.0 = 17.25 = 17.3 \text{ Afa}$
 $V_{D.R} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .10 \text{ cfs} \times 198 \text{ days} \times 1.9835 = 39.3$
 $V = \text{Smaller of } V_{I.R} \text{ and } V_{D.R} = 17.3$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
* Irrigation	4/1	10/15	.10	17.3
Totals:			.10	17.3

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 Gary Hemminger Date 6/21/95

Reviewer _____ Date _____

* See adjustment memo. BC

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SEAL

JAN 26 1996

