

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 94-07238

Priority: March 31, 1983

Maximum Diversion Rate: 0.08 CFS

Maximum Diversion Volume: 37.7 AF

This is to certify, that CHESTER UHL
EDITH UHL

PO BOX 1322

WALLACE ID 83873

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated March 31, 1983; and has submitted Proof of Beneficial Use on August 3, 1988. An examination indicates that the works have a diversion capacity of .080 cfs of water from:

UNNAMED STREAM tributary to COEUR D ALENE RIVER, S FORK

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	03/15 to 11/15	0.08 CFS	36.9 AF
STOCKWATER	01/01 to 12/31	0.01 CFS	0.1 AF
POWER	01/01 to 12/31	0.02 CFS	0.1 AF
DOMESTIC	01/01 to 12/31	0.04 CFS	0.6 AF
FIRE PROTECTION	01/01 to 12/31	0.08 CFS	
	Totals	0.08 CFS	37.7 AF

LOCATION OF POINT(S) OF DIVERSION:

NENW , Sec. 27, Township 48N, Range 04E
SHOSHONE County

PLACE OF USE: IRRIGATION

<u>TWN RGE SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
48N 04E 27	NWNW 12.3			12.3

Total number of acres irrigated: 12.3

PLACE OF USE:

STOCKWATER, same as IRRIGATION use

PLACE OF USE:

POWER, same as IRRIGATION use

PLACE OF USE:

DOMESTIC, same as IRRIGATION use

PLACE OF USE:

FIRE PROTECTION, same as IRRIGATION use

MODIFIED

FEB 25 1994

State of Idaho
Department of Water Resources

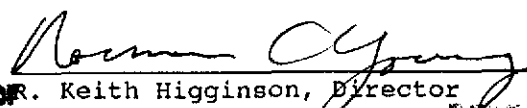
WATER RIGHT LICENSE

WATER RIGHT NO. 94-07238

CONDITIONS/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 limited to the amount that can actually be beneficially use 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. The Director retains jurisdiction of this right in order to limit the use of water for hydropower generation purposes to a specific term of years as required by Section 42-203B(7), Idaho Code.
6. The issuance of this right in no way grants any right-of-way or easement across the land of another.
7. This right does not constitute Idaho Public Utilities Commission or Federal Energy Regulatory Commission approval that may be required.
8. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 3.0 afa per acre for the lands above.
9. The water right confirmed in this license for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this license and shall not give rise to any right or claim against any future rights to the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this license.
10. Two points of diversion are located within NENW, S27, T48N, R04E.
11. Domestic use is for 1 home.

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 29th day of DECEMBER, 1993.


Acting for R. Keith Higginson, Director

FEB 25 1994

AUG - 3 1988

RECEIVED

MAY 13 1988

For Office Use Only

Fee Received 516/88

Date 5-10-88

Receipt # N/A

Receipt by [Signature]

Reviewed by [Signature]

Sent to region 6-11-88

RECEIVED

Department of Water Resources

MAY 10 1988

DEPARTMENT OF WATER RESOURCES

Department of Water Resources

Idaho Department of Water Resources
Boise District Office

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

Permit No. 94-7238

Name(s) of Permit Holder: Chester or Edith Uhl ✓

Post Office Address: Box 1322 Wallace, Id. 83873 ✓

Telephone No. 753-0253

Source of Water: Unnamed Stream Trib. to S. E. of Coeur d'Alene River ✓

a
Extent of Use:

Domestic	<u>2</u> ✓	(number of households)	Stockwater	<u>6</u> ✓	(number and type of stock)
Irrigation	<u>20</u> ✓	(acres)	Other/Remark	<u>Industrial-steam cleaning engines</u> <u>Power-for personal use</u> <u>Fire Protection</u>	

Total rate and/or volume for which proof is submitted 0.15 cfs acre-feet

Show the date water was first diverted and beneficially used under this permit: prior to 3/31/83

Measuring Device: Required? Yes ☒ No ☐
Installed? Yes ☐ No ☐ Fee enclosed \$ 50.00 ✓
(See License Examination Fee Schedule)

Flow Measurement Port: Required? Yes ☒ No ☐
Installed? Yes ☐ No ☐

Person to contact to accompany the Department representative during the field examination:

Applicant — Please call before doing exam. —
(Name) (Telephone Number)

(Address)

The above information is my true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the state of Idaho.

MICROFILMED

OCT 14 1988

5/10/88

Date

Chester Uhl
Signature of Permit Holder (and title, if appropriate)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

To appropriate the public waters of the State of Idaho

1. Name of applicant Chester or Keith Uhl Phone 753 0253
Post office address Box 1322 Wallace Idaho 83873
2. Source of water supply Unnamed Stream which is a tributary of South Fork CDA river
3. Location of point of diversion is E.E. $\frac{1}{4}$ of N.W. $\frac{1}{4}$ of Section 27 Township 48N
Range 4E B.M. Shoshone County, additional points of diversion if any: Shos
Two Points
4. Water will be used for the following purposes:
Amount 0.04 for Industrial purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum) Jan, I Dec 31
Amount 0.02 for livestock purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum) Jan, I Dec 31
Amount 0.05 for Domestic purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum) Jan, I Dec 31
Amount 0.02 for Power purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum) Jan, I Dec 31
Amount 0.10 for Irrigation purposes from 3-15 to 11-15 (both dates inclusive)
(cfs or acre-feet per annum) Jan, I Dec 31
Amount 0.15 for Fire Protection purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum) Jan, I Dec 31
5. Total quantity to be appropriated:
a. 0.15 c.f.s. cubic feet per second and/or b. _____ acre-feet per annum.
6. Proposed diverting works: Existing
a. Description of ditches, flumes, pumps, headgates, etc. Gravel Bed, Pipe to
Distribution. + Seasonal siphoning from channel.
- b. Height of storage dam 0 feet, active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet, materials used in storage dam: _____
Period of year when water will be diverted to storage Jan I to Dec. 31 inclusive.
(Month/Day) (Month/Day)
- c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
7. Time required for the completion of the works and application of the water to the proposed beneficial use is 5 years (minimum 1 year - maximum 5 years).
8. Description of proposed uses: Domestic, Irrigation, Stock watering, Fire protection, Industrial
a. If water is not for irrigation:
(1) Give the place of use of water: N.W. $\frac{1}{4}$ of N.W. $\frac{1}{4}$ of Section 27 Township 48N
Range 4E B.M.
(2) Amount of power to be generated: 80 Watts horsepower under 50 feet of head.
(3) List number of each kind of livestock to be watered 6 hd
- (4) Name of municipality to be served _____, or number of families to be supplied with domestic water 2.
- (5) If water is to be used for other purposes describe: Industrial - Steam cleaning of Engines
Washing rock - Trough
Power for personal use

MICROFILMED

b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below:

[illegible]

Total number of acres to be irrigated 20

c. Describe any other water rights used for the same purposes as described above.

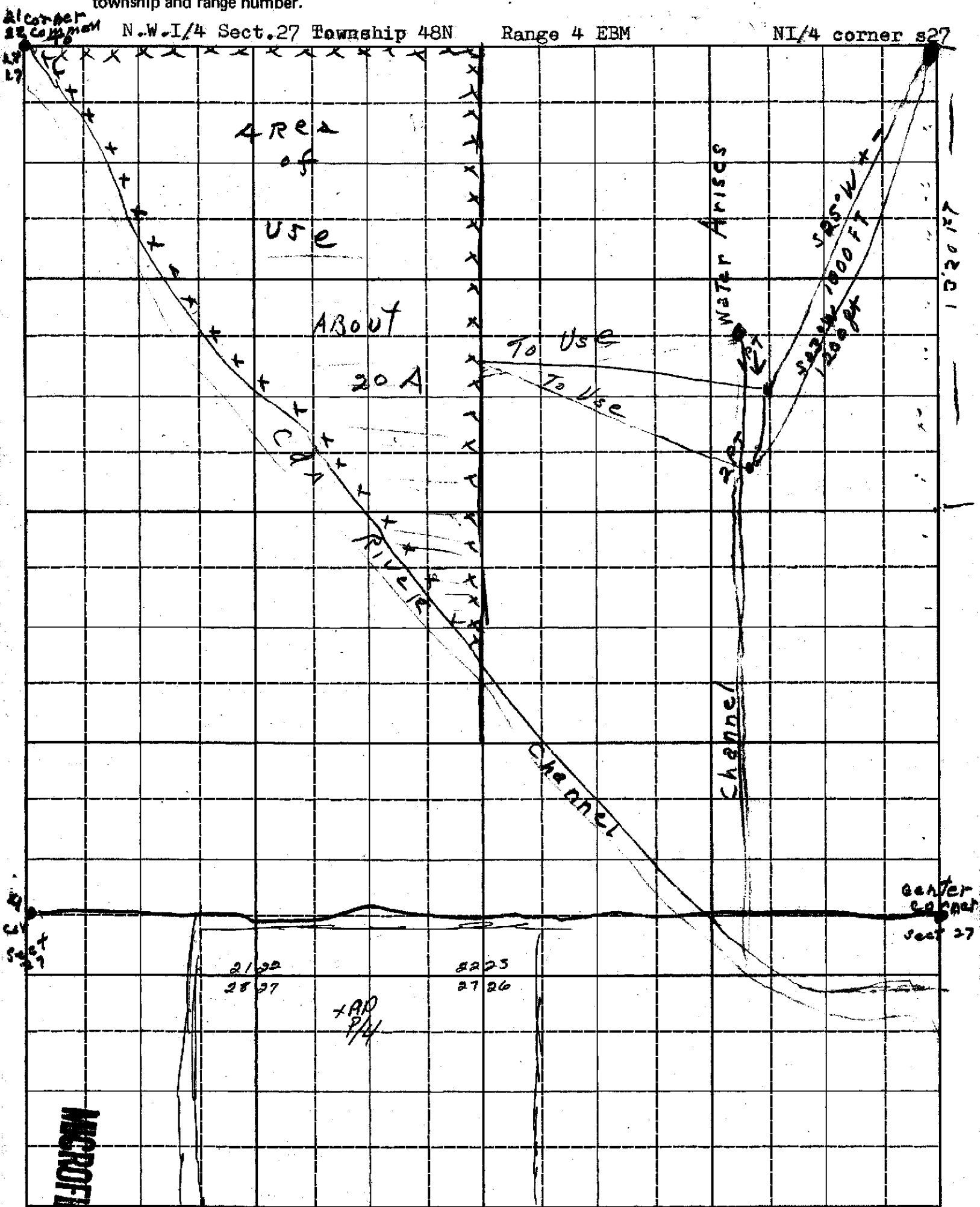
9. a. Who owns the property at the point of diversion Currently owned by John Uhl and sibs.

b. Who owns the land to be irrigated or place of use Chester and Edith [H]

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing Permanent easement.

10. Remarks We have used this water since June 1949

11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

+ Christie Lyle
(Applicant)

Proposed Priority 3/3/83

Received by JK Date 3-31-83 Time 12:30 PM

Preliminary check by JK Fee \$ 30.00

Received by JK Date 3-31-83 (27466)

Publication prepared by JK Date 4/7/83

Published in Fellogg Cove News

Publication dates 4/13-20/83

Publication approved JK Date 5/7/83

Protests filed by: None

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by JK JK

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 94-7238, and said application is hereby APPROVED.

1. Approval of said application is subject to the following limitations and conditions:

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before August 1, 19 88.
- c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.
- d. Other:

Permit holder shall commence the excavation or construction of diverting works within one year of the date this permit is issued and shall proceed diligently until the project is complete.

The issuance of this permit in no way grants any right-of-way or easement across the land of another.

This permit does not constitute Idaho Public Utilities Commission or Federal Energy Regulatory Commission approval that may be required.

This permit is subject to the provisions of Sections 42-205 through 42-210, Idaho Code, restricting the sale, transfer, assignment, or mortgage of this permit. Failure to comply with these provisions is cause for immediate cancellation of this permit.

Use of water under this permit for the purpose of power generation is subordinated to future diversion of water either upstream or downstream for irrigation or other consumptive beneficial uses.

Witness my hand this 15 day of July, 1983.

David R. Tuttle
Acting Chief, Operations Bureau

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
AFFIDAVIT FOR WATER RIGHTS TO BE USED
FOR POWER PURPOSES

A. Establishment of Residency: (Complete either 1, or 2).

1. Individual Applicant or Individual Members of a Partnership:

I, Chester Uhl (name) of Wallace (city),

county of Shoshone, State of Idaho, being duly sworn, do hereby certify that I am a bona fide resident of the State of Idaho.

2. Corporation:

I, _____ (name) of _____ (city),

County of _____, State of Idaho, being duly sworn, depose and say: That I am the designated registered agent of the _____

_____ (name of corporation); that as such I am in charge of the registered

office of the said corporation as required by Section 30-1-12, Idaho Code, at

_____ Idaho, wherein are kept the corporate records required (city)

by Section 30-1-52, Idaho Code: and that _____ (name of corporation)

is a corporation qualified to do business in the State of Idaho under the laws of the State of Idaho.

B. Ownership of Facilities: (To be completed for hydropower projects only)

The hydropower facility to be developed pursuant to the attached Application for Permit:

- (check one)
- ☐ Will not utilize existing man-made irrigation facilities such as a dam or a canal.
- ☐ Will utilize existing man-made irrigation facilities such as a dam or a canal, and permission of the owner is documented in an affidavit attached hereto.
- ☒ Will utilize existing man-made irrigation facilities such as a dam or a canal and the owner of the facilities is the signee of this affidavit.

MICROFILMED

State of Idaho
County of Kootenai } ss.

X Chester Uhl
Applicant

On this 31 day of March, 19 83, personally appeared before me the signer(s) of the above instrument, who duly acknowledged to me that he (she) (they) executed the same.

seal

Robert D. Haynes
Notary Public residing at
Lifetime

My commission expires:

Lifetime

WR0749NP
No. L94-07238

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT
(REGIONAL)

DATE: 12/15/93
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	CHESTER UHL	03/31/1983	IRRIGATION	03-15 11-15	0.08 CFS	36.9 AFA
C	EDITH UHL		STOCKWATER	01-01 12-31	0.01 CFS	0.1 AFA
	PO BOX 1322		POWER	01-01 12-31	0.02 CFS	0.1 AFA
	WALLACE ID 83873		DOMESTIC	01-01 12-31	0.04 CFS	0.6 AFA
	(208) 753-0253		FIRE PROTECTION	01-01 12-31	0.08 CFS	
TOTAL DIVERSION:					0.08 CFS	37.7 AFA

Water Source: UNNAMED STREAM

Tributary to: COEUR D ALENE RIVER, S FORK

Stage: LICENSE

Point(s) of Diversion Capacity: 0.08 CFS

Point(s) of Diversion: T48N R04E S27 NE NW

Place of use Legal Description for: IRRIGATION

				NE					NW					SW					SE						
				NENE	NWNE	SWNE	SENE	:	NENW	NWNW	SWNW	SENW	:	NESW	NWSW	SWSW	SESW	:	NESE	NWSE	SWSE	SESE	:	SUM	
T	R	S	:	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	:
48N	04E	27	:					:					:					:						:	12.3
			:					:					:					:						:	12.3
TOTAL ACRES																									12.3

Place of use location for STOCKWATER is the same location as described for: IRRIGATION

Place of use location for POWER is the same location as described for: IRRIGATION

Place of use location for DOMESTIC is the same location as described for: IRRIGATION

Place of use location for FIRE PROTECTION is the same location as described for: IRRIGATION

Pou County: SHOSHONE

~~Non-Irrigation Uses: S/6 RGE, I/ST. CLEAN ENGRS., WASH ROCK, P/2 HP, D/2 HOMES.~~

Other Water Rights with Same Point(s) of Diversion and Source:
94-02036 94-07238

Other Water Rights Listing Overlapping Place(s) of use:
94-07171A 94-07238

Conditions of Approval:

- 17M - The Director retains jurisdiction of this right in order to
 - limit the use of water for hydropower generation purposes to a
 - specific term of years as required by Section 42-203B(7), Idaho
 - Code.
- 004 - The issuance of this right in no way grants any right-of-way
 - or easement across the land of another.
- 025 - This right does not constitute Idaho Public Utilities Commission
 - or Federal Energy Regulatory Commission approval that may be
 - required.

WR0749NP
No. L94-07238

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT
(REGIONAL)

DATE: 12/15/93
PAGE: 2

Conditions of Approval:

- R29 - This right when combined with all other rights shall provide no
- more than .02 cfs per acre nor more than 3.0 afa per acre for the
- lands above.

Remarks: Two points of diversion are located within NENW, S27, T48N,
R04E.
Domestic use is for 1 home.

Dates:	App. Received:	03/31/1983	Priority Date:	03/31/1983	(Priority Date Advanced.)
	Proof Due Date:	08/01/1988	Proof Made Date:	08/03/1988	(Proof Received Late.)
	Exam Made Date:	06/09/1992	Exam Sent to S.O.:	06/08/1993	
	Licensed Date:				

Misc: Water District Number: Field Exam Fee: R (Received)

Audit: 12/15/93 CHAPMAN

(WATER RIGHT NUMBERS THAT BEGIN WITH AN '1' ARE ADJUDICATION CLAIMS)

[illegible]

LICENSE REVIEW CHECKLIST

Permit # 94-7238 Date 12-1-93 Brenda Chapman

NAME	Yes ☐ No ☒	Or Address Change?
PRIORITY DATE	☐ ☒ ☐ ☒ ☐ ☒	Advance? ☐ Advanced to: ☐ Order to Reinstate Needed? ☐ Incorrect Fee for rate recommended? ☐
SOURCE	☐ ☒ ☐ ☒	Changes? Clarification of Originally Intended source Notice of Intent to Void - Source change.
P/D	☐ ☒ ☐ ☒	Amendment Needed? ☐ Overlap(s) ☐
P/U	☐ ☒ ☐ ☒	Amendment Needed? ☐ Overlap(s) ☐
TOTAL CFS	☒ ☐	Measurement Done? <u>(IRRIGATION SPRIGOTS)</u> <u>YES - 5 GAL BUCKET</u> <u>12.3 X .02 = .25 CFS</u> <u>Measured amount = .08</u> <u>3 STOCK = .01</u> <u>IRR = .08</u> <u>DOM = .04</u> <u>POWER = .02</u> <u>FIRE = .08</u> ☐ ☒ System Capacity <u>.08</u> Allowable Amount: <u>Measured .08 CFS</u>
TOTAL VOLUME	☐ ☒	Season of Use: <u>12.3.0 (3-15 to 11-15)</u> Calculations: <u>FIRE</u> <u>12.3 acres X 3 = 36.9</u> <u>Power = .02</u> <u>DOMESTIC = .6</u> <u>Stockwater = .1</u> Flow limit: <u>.08 x 246 x 1.9835 = 39.0</u>
USES	☐ ☒ ☐ ☒	Change(s) in Nature of Use? <u>Delete industrial</u> Amendment Needed? <u>none found</u>
REMARKS	<u>W32</u> ☐ ☒ ☐ ☒	Multiple P/Ds in 1/4 1/4? ☐ Special Overlap ☐ Other <u>004, 025, 17D, 17M</u>
CONDITIONS	☐ ☒ ☐ ☒ ☐ ☒	Measuring/Locking Devices ☐ W/Master Control ☐ ☒ Water Dist <u>R29</u> ☐ Irrigation Overlap ☐ App Rec'd ☐ ☒ Water Quality ☐ Exam Made
COMMENTS:	<u>Delete industrial use; Domestic; Reduce rate to capacity of .08 CFS</u>	

RECOMMENDED	CFS	DIV VOL
<u>Domestic</u>	<u>.04</u>	<u>.6</u>
<u>Irrigation</u>	<u>.08</u>	<u>36.9</u>
<u>Power</u>	<u>.02</u>	<u>.1</u>
<u>Stockwater</u>	<u>.01</u>	<u>.1</u>
<u>Fire Protection</u>	<u>.08</u>	<u></u>
<u>Total</u>	<u>.08</u>	<u>37.7</u>

LICENSE ☒

1ST AMEND LETTER ☐

2ND AMEND LETTER ☐

RECEIVED

Form 215
6/86

NOV 09 1993

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

JUN 10 1993

Department of Water Resources

Department of Water Resources **BENEFICIAL USE FIELD REPORT**

A. GENERAL INFORMATION

Permit No. 94-07288

1. Owner: Chester Whl & Edith Whl

Phone No. 753-0253

Current Address: PO Box 1322, Wallace, ID 83873

2. Accompanied by: Chester Whl

EXAM. DATE: _____

Address: Same

Phone No. _____

Relationship to Permit Holder: _____

3. Source: Unnamed stream tributary to South Fork Coeur d'Alene River

B. OVERLAP REVIEW

1. Other water rights with same place of use: 94-07288; 2057, 4094, 4095 None.

☐ Copies Attached

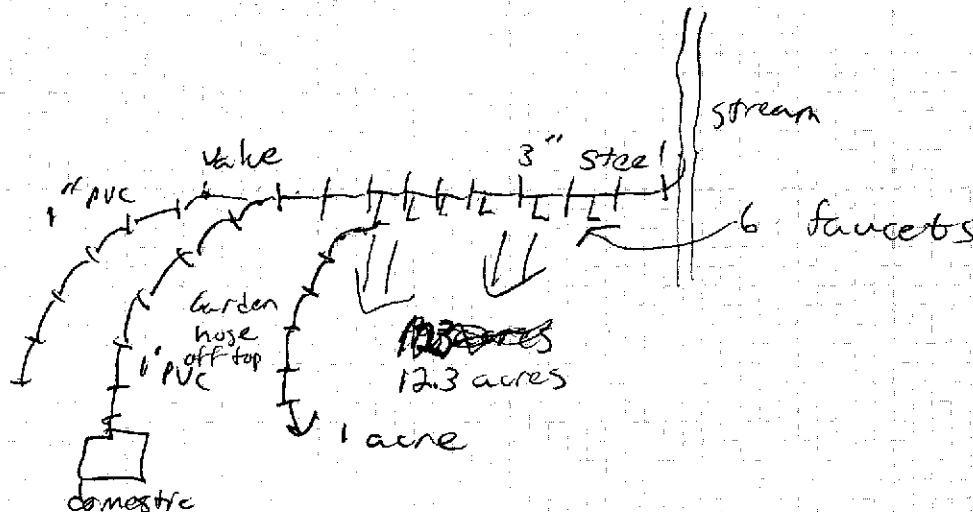
2. Other water rights with same point of diversion: 94-2038, (94-7200) - No overlap

☒ Copies Attached

☒ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached



FEB 25 1994

Scale: 1" = MTS

2. ☒ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required).

☒ Photo of Diversion and System Attached

(required for all but single household domestic groundwater, and stockwater.

☐ Aerial Photo Attached AERIAL PHOTO NOT AVAILABLE FOR THIS AREA
(required for irrigation of 10 acres or more).

System Description (continued)

3. **Narrative:** Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

3" wide pickup off unnamed stream 3" pipe runs down road off of which 6 faucets (3/4" spout) can be opened to water ~~at the house~~ 2 1/2 acres of brush/forest. garden hose is also run down from the faucets to irrigate ~ 1 acre. From the 3" pipe two 1" PVC split off - one to the house, one to the river where it is opened with a valve to assure the 3" steel does not freeze and break. The power consists of a small ☒ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Gravity					

*Code to correspond with No. on map and aerial photo

5. **Point(s) of Diversion:**

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
			NE	NW	27	48N	04E	Shoshone	Map

6. **Place(s) of Use:**

Indicate Method of Determination Map

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
48N	04E	27						12											12
								0											
								5											
								P											
								F											

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Bucket						

2. Measurements: @ time of exam

2.5 Gallons in 16.5 seconds = 7.02 cfs

2.5 Gallons - 36 seconds = 7.01 cfs

2.5 Gallons - 41 seconds = 7.01 cfs

2.5 Gallons - 28 seconds = 7.01 cfs

2.5 Gallons - 37.5 seconds = 7.01 cfs

2.5 Gallons = 23 seconds = 0.15 cfs

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method: Fire prevention - average of top & bottom of 3" line - manniks form.

$$Q_1 = \left(\frac{0.463}{0.019} \right) \left(\frac{3}{12} \right)^{2.67} \left(\frac{160 \text{ ft}}{1000 \text{ ft}} \right) = 0.17 \text{ cfs}, Q_2 = \left(\frac{0.463}{0.019} \right) \left(\frac{3}{12} \right)^{2.67} \left(\frac{2200 \text{ ft}}{1000 \text{ ft}} \right) = 0.16 \text{ cfs} \Rightarrow \text{license } 0.15 \text{ cfs}$$

2. Alternate Method for Checking Purposes:

1 - Domestic - .04 cfs

3 - Stock - .02 cfs

Power for

F. PUMP EFFICIENCY DATA (Optional)

Small turbine .02 cfs - comes out of hose from 3" line @ bottom. @ 2.5 Gallons in 15 seconds

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3)

; Flow rate: _____ cfs (4) = 7.02 cfs

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (12.3 \text{ acres}) \times (3) = 36.9$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = (.075) (1245 \text{ days}) (1.9835) = 36.4$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 36.4 \text{ AF}$$

2. Volume Calculations for Other Uses:

$$\text{Acreage} = \frac{(1/4 \text{ mile} \times 300 \text{ ft}) \times (330)}{43560 \text{ ft}^2/\text{acre}} = 12.3 \text{ acres}$$

$$1 \text{ domestic} = 0.6 \text{ AF}$$

$$3 \text{ stock} = 0.2 \text{ AF}$$

$$\text{Power} = 0.1 \text{ AF}$$

RECEIVED
FEB 25 1994

H. REMARKS AND OVERLAP REVIEW ANALYSIS

~~94-04094 & 94-04095 ARE FOR SERVICE AVAILABLE THROUGH CITIZENS UTILITY~~
~~94-02037 IS WATER FROM SPRING FOR TWO HOMES~~
 generator connected to a turbine for charging batteries.

- No Industrial and one domestic only.
- 94-02037 is old permit for ^{same} unnamed stream. Mr. Uhl. has pickup in this stream for his use. License # 94-07200 uses water from the same unnamed stream. This pickup is further downstream. Permit 94-07238 and License 94-07200 are separate uses.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Domestic	1/1	12/31	.04	.6
Irrigation	3/15	11/15	.075	36.4
Power	1/1	12/31	.02	.1
Fire Protection	1/1	12/31	.15	-
stock water	1/1	12/31	.02	.2
Totals:			1.15 cfs	37.3 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

J. AUTHENTICATION

Field Examiner's Name Robert Knoblock

Signature Robert Knoblock

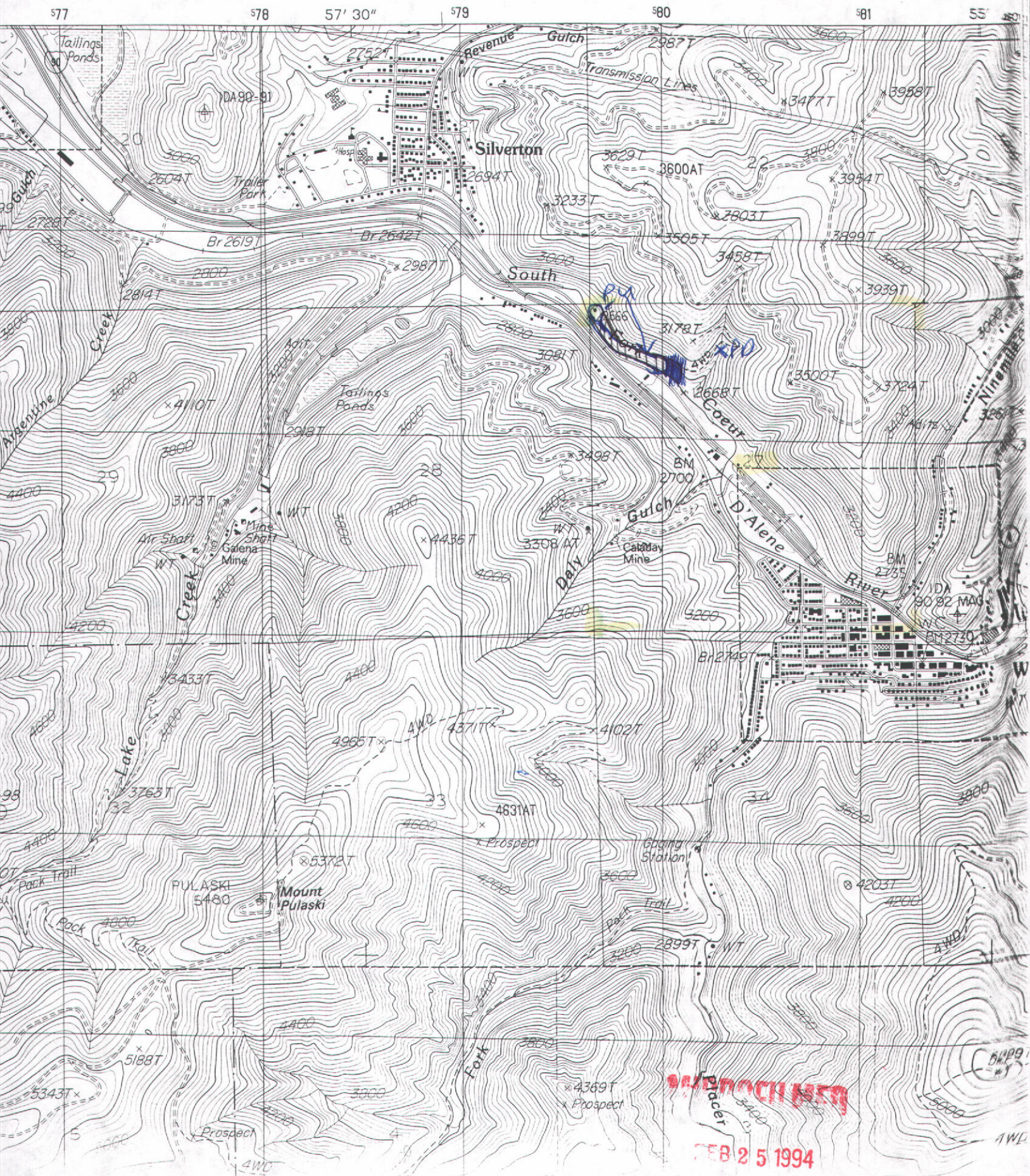
Certification Date _____

Field Report Preparation Date 6/9/92

CONSULTANT SEAL

- K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

FEB 2 0 1993



PERMIT # 94-07238

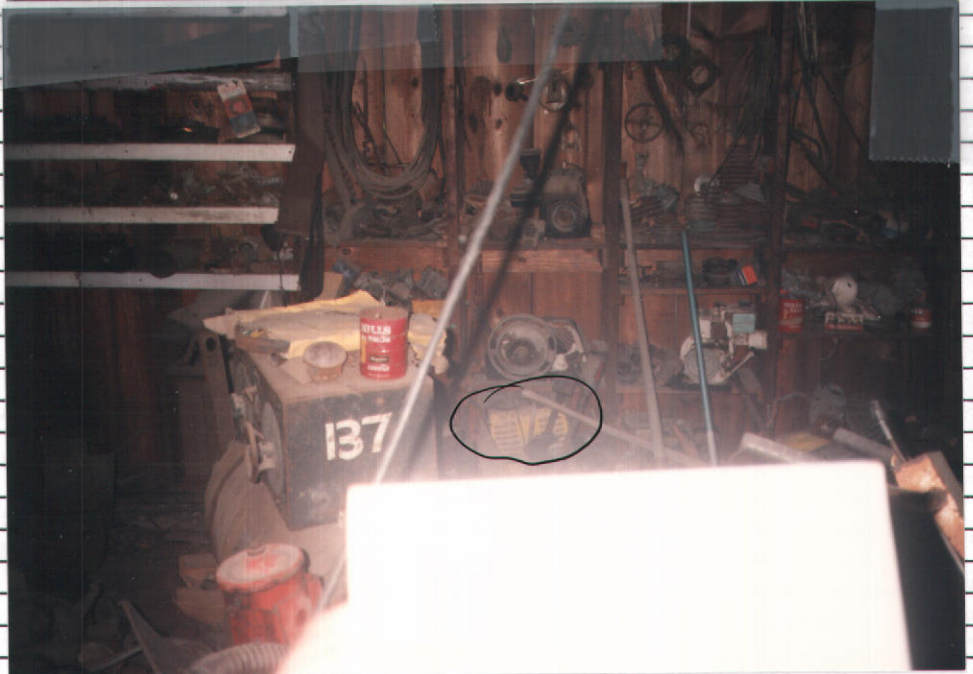
STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

P H O T O G R A P H S

P/D



Generator
for battery



APPROVED

FEB 25 1994

MEMORANDUM

TO: Al Beardslee / Northern Region
FROM: Brenda Chapman
DATE: July 7, 1993
RE: Returned Exam / Permit 94-07238

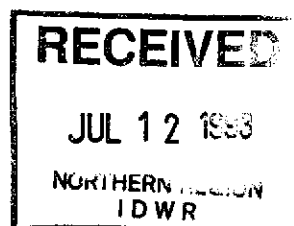
=====

I am returning one of the "speedy" exams to you for further clarification. Could I have a diagram of how the number of acres were calculated?

Also, would you go over the cfs calculations and clear it up for me how the recommendations were derived?

Thanks for your help!

Brenda



BRENDA, IT APPEARS FROM THE MAP ON THE EXAM THAT THE ACREAGE RECOMMENDED IS CORRECT. I CANNOT EXPLAIN ACREAGE CALCULATIONS UNDER ITEM NUMBER 62, HOWEVER.

FEB 8 5 1994

1/88

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 94-7238

Date: 8-11-1988

General Considerations:

Y Name same as permit
Y Signature the same as permit holder
Y Address change _____ If yes, prepare a data entry
Y Proof received timely _____
_____ Reinstated

Source of Water:

Y Surface water
Y Groundwater
Y 1. well log in file
Y 2. drilling permit
_____ A. amount of drilling fee paid for proposed uses

Extent of Use and Rate of Diversion:

Y Rate of diversion appropriate for uses
Y Is rate or volume and fee appropriate?
Y Has permit holder indicated when water was first put to a beneficial use?

Measuring Device:

Y Is a measuring device or access port required?
Y Has one been installed?
Y Waiver or modification of measuring device requested

Remarks: Proof acceptable

Y Priority Calculation:

Date proof received	_____	_____
Date proof due	_____	+ _____
No. of days late	_____	= _____
Priority date	_____	+ _____
NEW PRIORITY DATE	_____	= _____

SEND FILES TO DATA ENTRY AND THEN TO MICROFILM

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
COMMENCEMENT OF WORKS

Permit No. 94-7238
Name(s) of Permit Holder(s): Chester or Edith Uhl
Post Office Address: Box 1322 Wallace Idaho 83873
Tel. No. 208-753-3943

☒ I hereby certify that construction of diversion works for the above referenced permit began on March 10 - 83 . I understand that I must
(date)
continue to develop the water system with due diligence to maintain a valid permit.

☐ I hereby certify that construction of diverting works on the above referenced project has not yet begun due to the following reason beyond my control*:

Chester Uhl

*Note: A financing difficulty is
not an acceptable reason.

Date

Signature of Permit Holder

POWER CALCULATIONS FOR APPLICATION NO. 94-7238

P = Kilowatts .74 X hp (80watts)

Q = cfs

H = feet

e = efficiency

proposed

.08kw

.02cfs

50 ft

?

$$e = \frac{P(11.8)}{QH} = \frac{.08(11.8)}{.02 \times 50} = \frac{.944}{1} = .94$$

Based on the above calculations the proposed project must have an 94 % efficiency.

OVERLAP REVIEW

P/D NE 1/4 NW 1/4 Sec 27 T48N R4E

unstream
94-2036 In & Dom "Piles"

P/U NW 1/4 NW 1/4 Sec 27 T48N R4E

None

BYPASSED AREA None

RC 7/13/83