

State of Idaho
Department of Water Resources
Water Right License

WATER RIGHT NO. 91-07143

Priority: July 27, 1999

Maximum Diversion Rate: 0.01 CFS
Maximum Diversion Volume: 0.6 AF

It is hereby certified that VERNON MC LAUGHLIN
306 SHEPHERD RD
ST MARIES ID 83861 has complied with the terms and
conditions of the permit, issued pursuant to Application for Permit dated July 27, 1999; and has
submitted Proof of Beneficial Use on January 16, 2001. An examination indicates that the works have a
diversion capacity of 0.01 cfs of water from:

SOURCE

ST JOE RIVER

Tributary: COEUR D ALENE LAKE

and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL DIVERSION VOLUME</u>
DOMESTIC	01/01 to 12/31	0.01 CFS	0.6 AF

LOCATION OF POINT OF DIVERSION:

ST JOE RIVER L1 (NW $\frac{1}{4}$ NE $\frac{1}{4}$) Sec. 20, Twp 46N, Rge 02W, B.M., BENEWAH County

PLACE OF USE: DOMESTIC

Twp Rge Sec	NE				NW				SW				SE				
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
46N 02W 20		X															
		L1															

CONDITIONS OF APPROVAL

1. Domestic use is for irrigation of 1/2 acre lawn and garden.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. The water right confirmed by this license is subject to all prior water rights and shall be used in accordance with Idaho law and applicable rules of the Department of Water Resources.

Signed and sealed this TH26 day of FEBRUARY, 2003.


Acting for KARL J. DREHER
Director

MICROFILMED

MAR 24 2003

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

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PROOF OF BENEFICIAL USE

JAN 16 2001

Department of Water Resources

The Idaho Department of Water Resources considers this form a statement that the permit holder(s) has/have 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, when necessary, or be accompanied by a completed field examination report prepared by a certified water right examiner.

1. Permit No. 91-07143 Telephone No. 208 245 2051

2. Name of Permit Holder(s): Vernon McLaughlin

3. Mailing Address: HCO1 Box 5065
City St Maries State Id Zip 83861

4. Source of Water: St Joe River If **GROUNDWATER** (well), Date Drilled: mo. _____ / yr. _____

Well Driller: _____ Drilling Permit Number: _____

5. Use(s) (as authorized by the water right permit):

Domestic (No. of households): 1 Home Stockwater (No. and type of stock): _____

Irrigation (No. of acres): _____ Other: _____

6. Total rate of diversion and/or volume for which proof is submitted: 104 cfs OR _____ acre-feet

7. Measuring Device Requirement: (refer to the approval conditions on your permit and respond accordingly)

(This question is **not optional**. Please check either yes or no. Proofs returned not checked accordingly, will be considered incomplete)

Measuring Device: Is a measuring device required?

Yes _____ or No X

Has the measuring device been installed?

Yes _____ or No X

8. Fee Enclosed: \$ 50.00 (See Fee Schedule on back of the instructions for filing proof of beneficial use)

9. Person to contact to accompany the Department representative during field examination of the water system.

Name: Vernon McLaughlin Telephone Number: 245 2051

Address: HCO1 Box 5065 St Maries ID 83861

10. The information given on this form is my true statement of the extent to which the above numbered permit has been developed and water has been diverted. I agree to relinquish any undeveloped portion of the permit to the State of Idaho.

Signature of permit holder: [Signature] Date: 1/13/2001
(include your title, if on behalf of company or organization)

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 91-07143

Priority: July 27, 1999

Maximum Diversion Rate:

0.04 CFS

This is to certify, that **VERNON MC LAUGHLIN**

HC 01 BOX SR 65

ST MARIES ID 83861

has applied for a permit to appropriate water from:

ST. JOE RIVER

tributary of COEUR D ALENE LAKE

and a permit is **APPROVED** for development of water as follows:

BENEFICIAL USE

PERIOD OF USE

RATE OF DIVERSION

DOMESTIC

01/01 to 12/31

0.04 CFS

LOCATION OF POINT(S) OF DIVERSION:

NWNE , Sec. 20, Township 46N, Range 02W
BENEWAH County

PLACE OF USE: DOMESTIC

TWN RGE SEC

46N 02W 20

NWNE

CONDITIONS OF APPROVAL AND REMARKS

1. Proof of application of water to beneficial use shall be submitted on or before **February 1, 2001**.
2. Subject to all prior water rights.
3. Domestic use is for irrigation of 1/2 acre lawn and garden.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.
Witness the signature of the Director, affixed at Boise, this

10th day of February, 2000.


Karl J. Dreher, Director

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Department of Water Resources

To appropriate the public waters of the State of Idaho

1. Name of applicant Vernon McLoughlin Phone 245 2051
Post office address HC 01 Box SR 65 ST. MARIES ID 83861
2. Source of water supply St. Joe River which is a tributary of CD4 Lake
3. Location of point of diversion is ~~SE~~ NW $\frac{1}{4}$ of NE $\frac{1}{4}$, Govt. Lot _____
Sec. 20 Township 46 N Range 2 W B.M. 05 Bonanza County; additional
points of diversion if any: _____
4. Water will be used for the following purposes:
Amount 0.04 for Domestic purposes from Jan 1 to Dec 31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) .04 and/or (b) ~~100~~
cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Description of ditches, flumes, pumps, headgates, etc. 3/4 H.P. Placed
on dock in channel, designed for removal
winter time. Purpose is to Supplement city water
for water of lawn & garden
 - b. Height of storage dam NA feet; active reservoir capacity NA acre-feet; total
reservoir capacity NA acre-feet; period of year when water will be diverted to storage:
NA to NA inclusive.
 - c. Proposed well diameter is NA inches; proposed depth of well is NA feet.
 - d. Is ground water with a temperature of greater than 85°F being sought? NA
 - e. If well is already drilled, when? NA; Drilling firm NA
 - Well was drilled for (well owner) NA
7. Time required for the completion of the works and application of the water to be proposed beneficial use is
1 yr years (minimum 1 year).

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8. Description of proposed uses (if irrigation only, go to item 9):

- a. Hydropower; show total feet of head and proposed capacity in KW. NA
- b. Stockwatering; list number and kind of livestock. NA
- c. Municipal; show name of municipality. NA
- d. Domestic; show number of households. NA
- e. Other; describe fully. NA

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ID. DEPT. OF LANDS
NAV. WATERS

9. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: *D* for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
46N	2W	20	3	D															

Total number of acres to be irrigated _____

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

11. a. Who owns the property at the point of diversion? Vernon J. Elenor

b. Who owns the land to be irrigated or place of use? " "

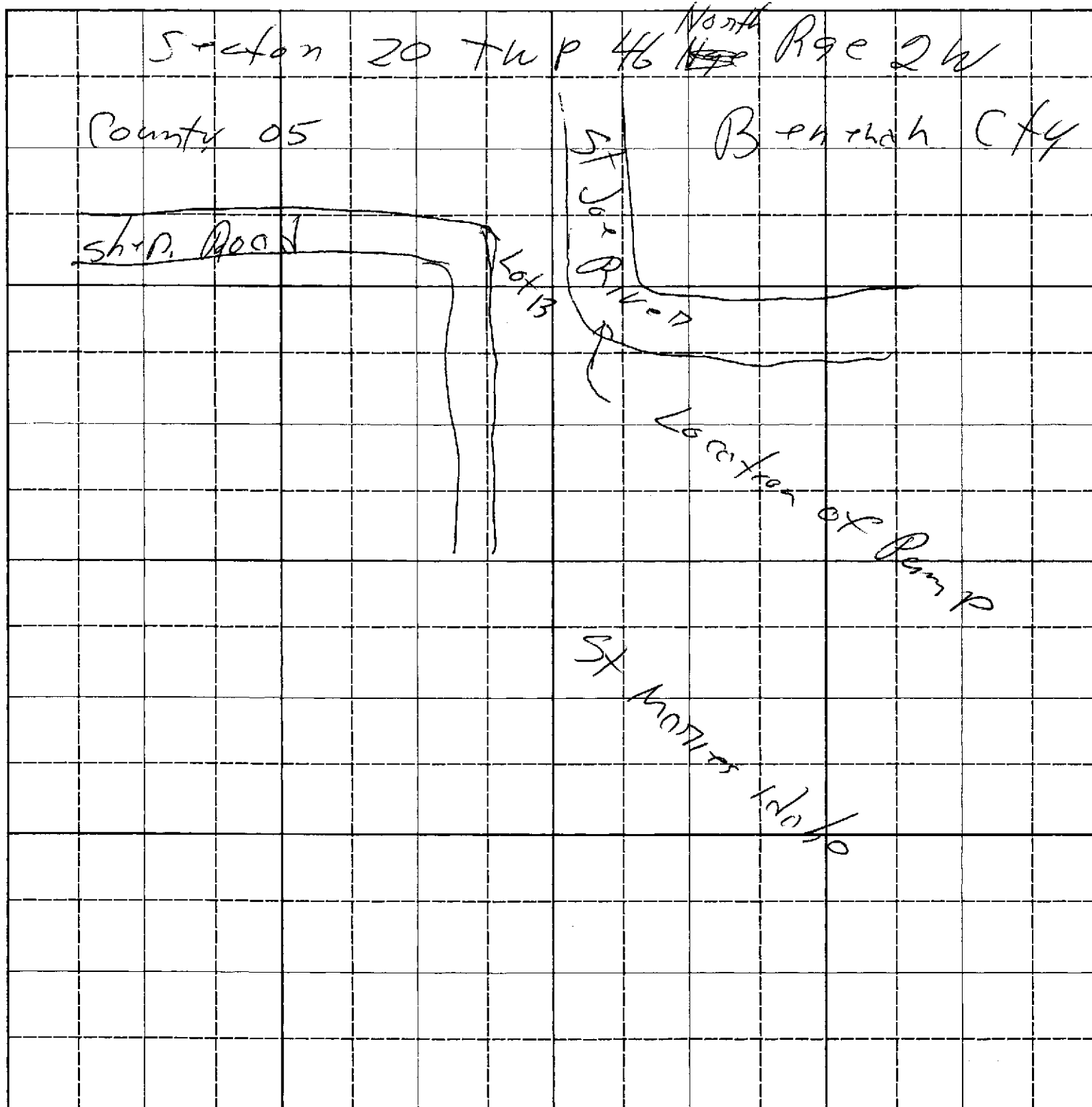
c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. NA

12. Remarks: NA

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



Scale: 2 inches equal 1 mile.

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.

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APR 11 2001

Verna M. Laughlin
(Applicant)

Received by cl Date 7/27/99 Time 2:55 P Preliminary check by _____
Fee \$ 50.00 Receipted by cl # N013100 Date 7/27/99
Publication prepared by cl Date 11/24/99 Published in St. Marias Gazette 12/14/99
Publication approved cl Date 12/9/99

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. _____, and said application is hereby _____.

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

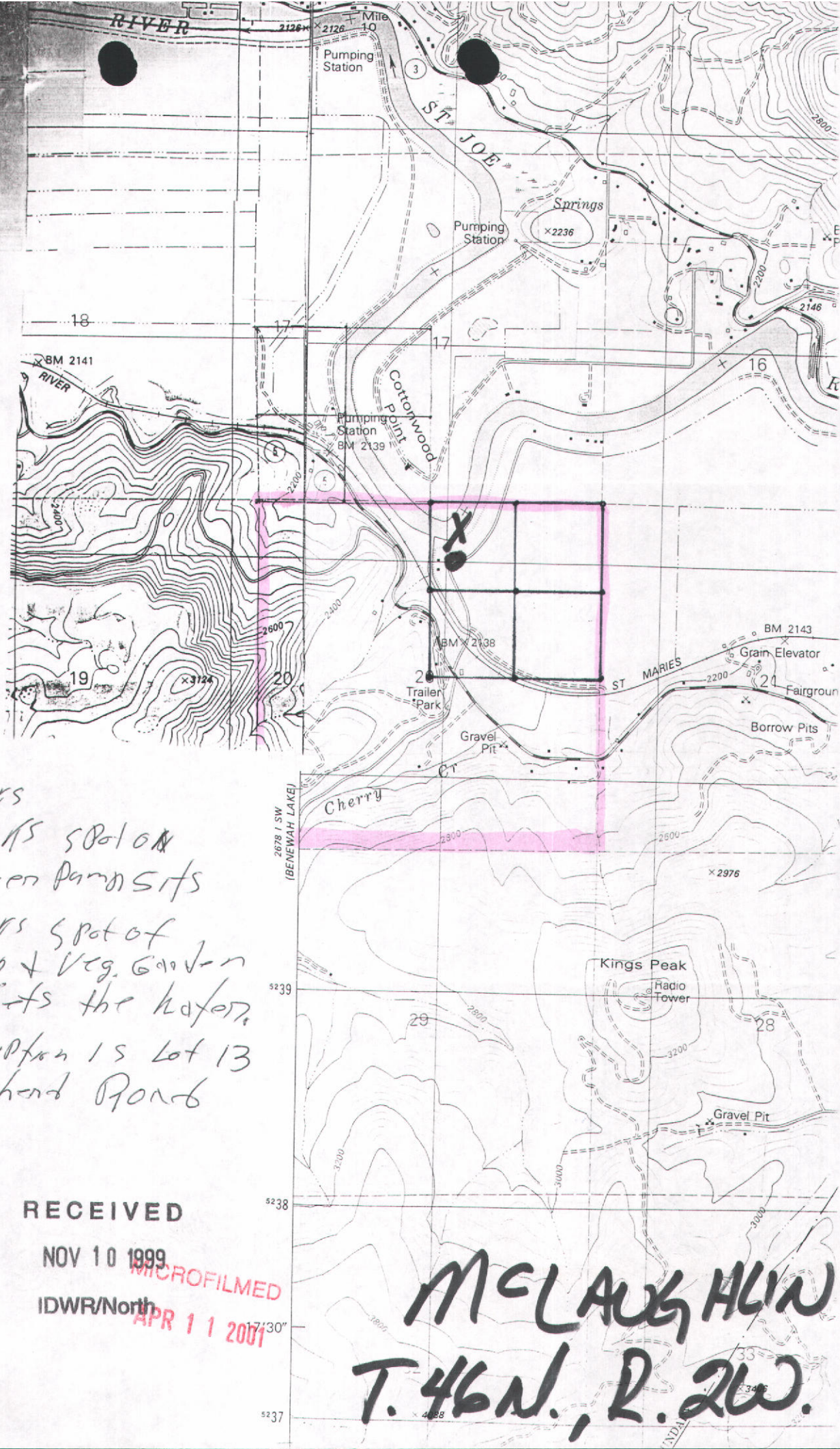
- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before _____, 19 ____.
- c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the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

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NAV. WATERS

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JUL 21 1999



MARKS
 X MARKS SPOT ON
 River Pump Sits
 O MARKS SPOT OF
 L. Awn & Veg. Garden
 that Gets the water.
 Description is Lot 13
 Shepherd Pond

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NOV 10 1999

IDWR/North

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APR 11 2001

MCLAUGH LIN
 T. 46 N., R. 26 W.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
FEB 3 - 2003
Department of Water Resources

A. GENERAL INFORMATION

Permit No. 91-07143

1. Owner: Vernon McLaughlin

Phone No: (208) 245-2051

Current Address: 306 Shepherd Rd
St. Maries, ID 83861

2. Accompanied by: Permit Holder

EXAM DATE : July 24, 2001

Address: See Above

Phone No: See Above

Relationship to Permit Holder: Permit Holder

3. Source: St. Joe River

tributary to: Lake Coeur d' Alene

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 91-4001, 91-7038, 91-7142

2. Other water rights with the same point of diversion: None

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
NA			NW	NE	20	46N	02W	Benewah	USGS 7½ Minute Topographical Map

2. Place(s) of Use:

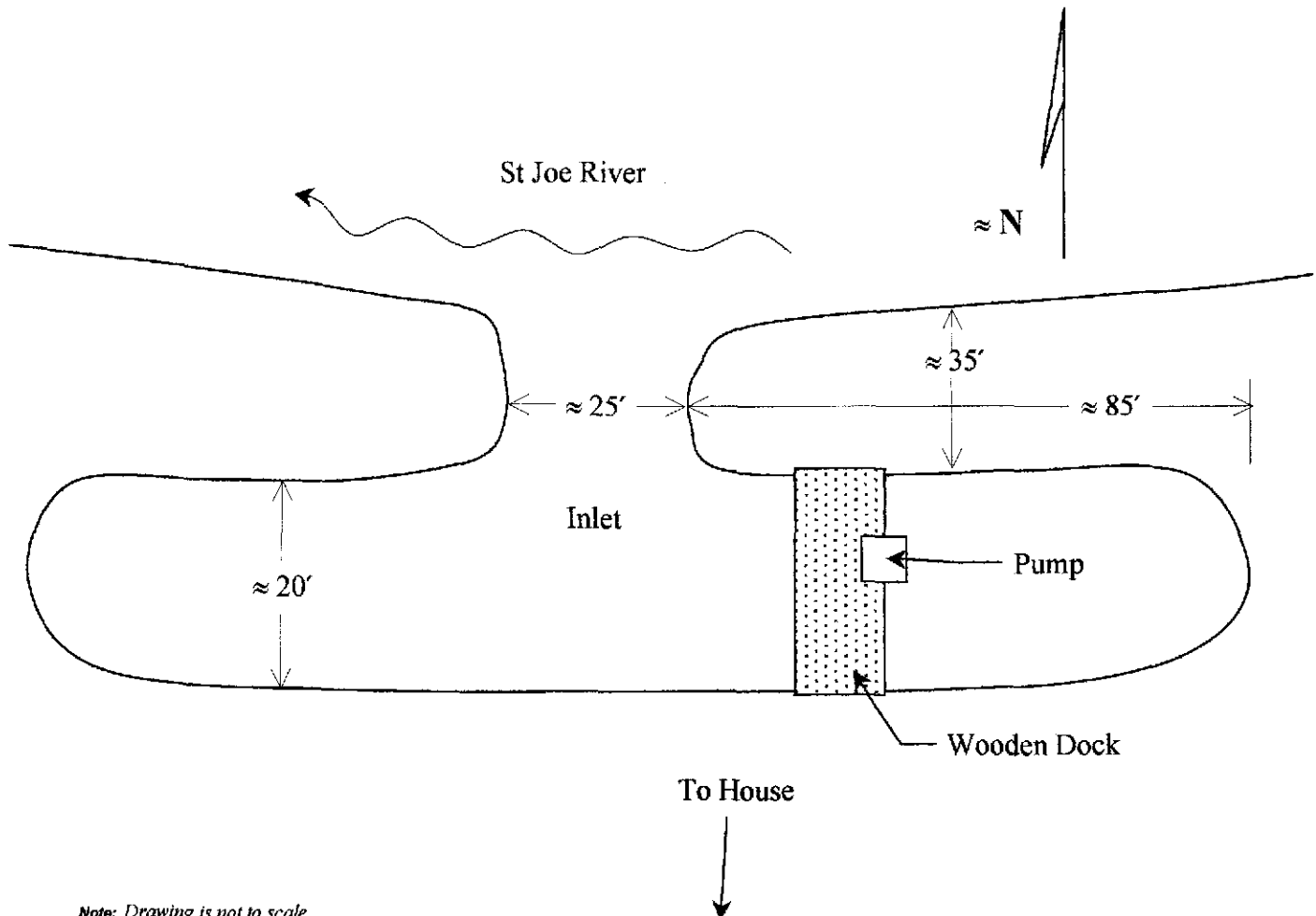
Indicate Method of Determination: USGS 7½ Minute Topographical Map

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
46N	02W	20		D															

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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.



Note: Drawing is not to scale.

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

No Aerial Photo Attached (required for irrigation of 10+ acres)

Yes Photo of Diversion and System Attached

E. NARRATIVE/REMARKS/COMMENTS

According to Mr. McLaughlin, the permit holder, the inlet from the St. Joe River was preexisting from an earlier excavation although had recently been deepened.

A one third horse-power (1/3 HP) pump (*Photo 1*) is located on a floating dock in the inlet (*Photos 3 & 4*). The GPS location of the pump is N47° 19' 27.5" by W116° 37' 0.9" (GPS unit, Garmin, Model GP-12, serial #36061391). The pump is connected to a tee (*Photo 1*) which supplies two (2) hoses that are used to irrigate the lawn. Each hose can be individually turned off or on at the pump and supplies one (1) portable lawn sprinkler each. The output of each sprinkler was measured individually while the whole system was operating. The lawn and garden area is less than one-half (1/2) acre in size.

Domestic use is external and consists of lawn around the house and along the St. Joe River (*Photo 4*). Mr. McLaughlin stated that his property is located at the end of the city water line and that there is often not enough water to irrigate his lawn. A telephone call to the City of St. Maries revealed that although Mr. McLaughlin's property is not within the city limits, it is within the city's service area. The water use under this permit is, therefore, supplemental to municipal water from the city of St. Maries (Nos. 91-4001, 91-7038, and 91-7142).

The rate of diversion stated on the permit is 0.04 cfs. The output of the system, however, was found to be 0.01 cfs.

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In summary, the following modifications should be made to the permit in order to reflect the findings of this exam:

1. Mr. McLaughlin's address should be **306 Shepherd Rd** as given on this exam.
2. The rate of diversion should be **0.01 cfs** rather than 0.04 cfs.

Have conditions of permit approval been met? **X** Yes no

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
NA	Master Plummer	1/3	4942	Master Plummer	4942

*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
Bucket					5 Gal.	June 2000
Stop Watch		Timex	Ironman			

2. Measurements:

First Hose:

1. 5 gal. per 100 sec.
2. 5 gal. per 100 sec.
3. 5 gal. per 100 sec.

Total 15 gal. per 300 sec.

Second Hose:

1. 5 gal. per 95 sec.
2. 5 gal. per 96 sec.
3. 5 gal per 96 sec.

Total 15 gal. per 287 sec.

$$15 \text{ gal}/300 \text{ sec} + 15 \text{ gal}/287 \text{ sec} = \underline{\underline{30 \text{ gal}/587 \text{ sec}}}$$

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F. FLOW CALCULATIONS

Measured Method:

$$\frac{\left(\frac{30 \text{ gal}}{587 \text{ sec}}\right) \left(\frac{60 \text{ sec}}{\text{min}}\right)}{448.83 \text{ gpm/cfs}} \approx 0.0068 \text{ cfs} \approx \mathbf{0.01 \text{ cfs}}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: NA

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

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

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

2. Volume Calculations for Other Uses:

Domestic:

External = **0.6 afa**

H. 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	0.01	0.6
Totals:			0.01	0.6

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: Jim Zimmerman

Date: July 24, 2001

Signature



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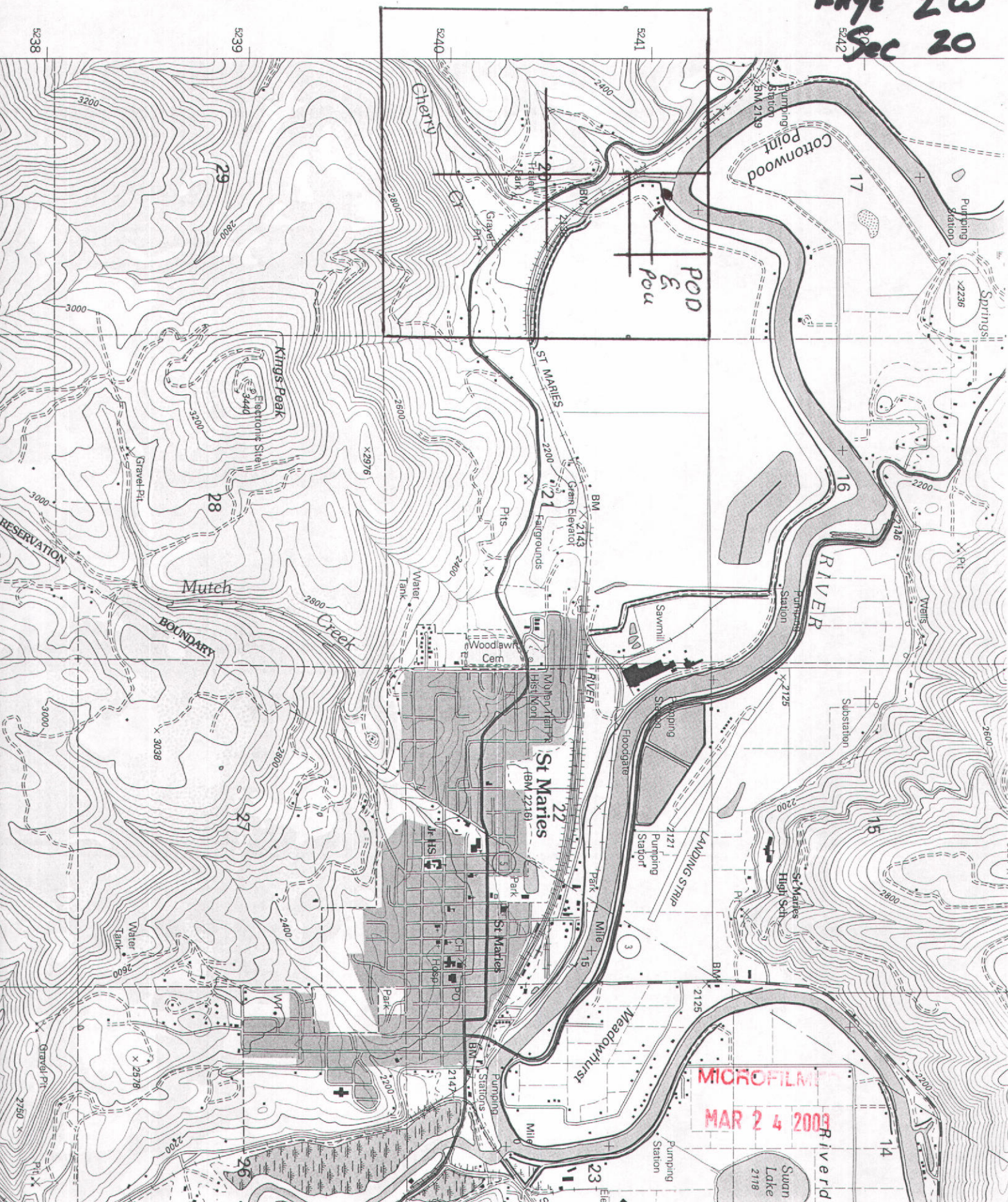
MAR 24 2003

91-07143

ARY
OF IDAHO

SITORY
APS

Twp 46 N
Rnge 2 W
Sec 20



91-07143



Photo 1. Showing pump.

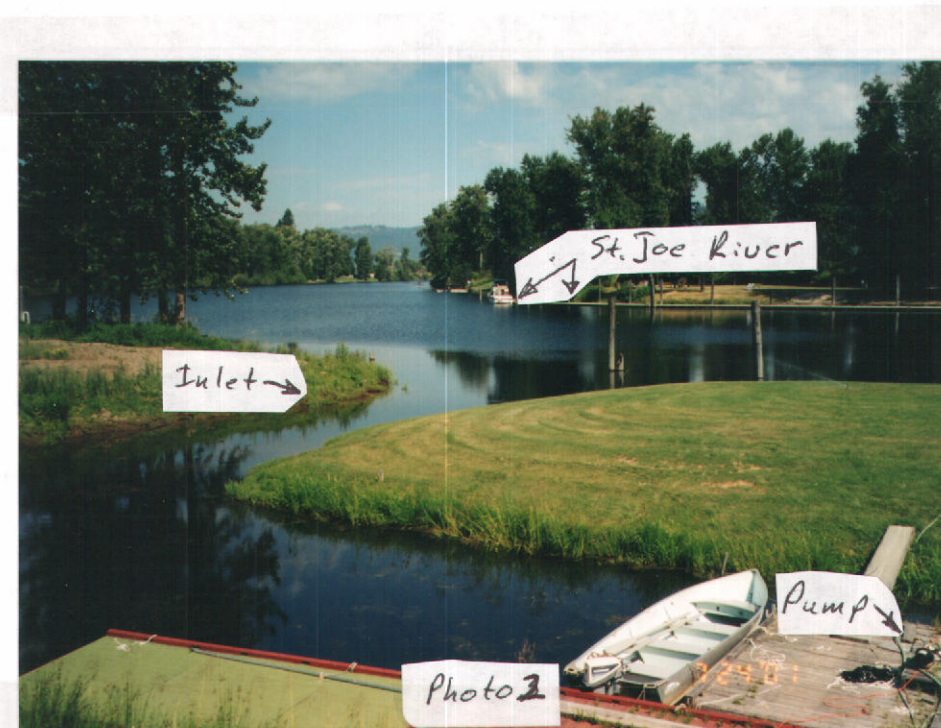


Photo 2. Showing inlet from St. Joe River.

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91-07143



Photo 3. Showing pump and part of the POU along the St. Joe River.

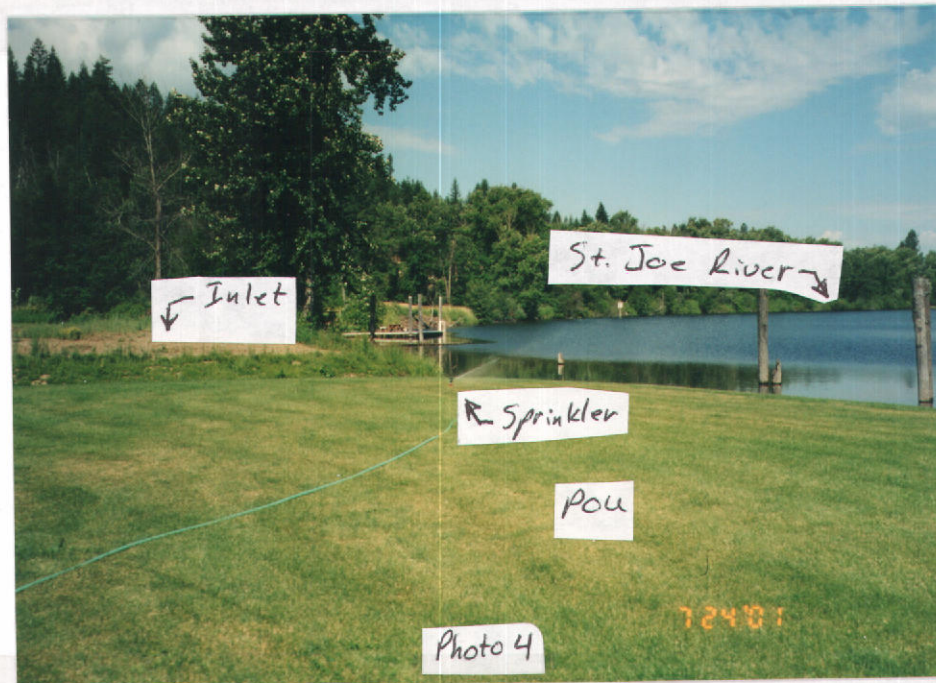


Photo 4. Showing part of the POU along the St. Joe River.

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ANALYSIS SHEET FOR PROOF OF BENEFICIAL USE

Permit No.: 91-7143

Reviewed By: dgibson

Date: January 22, 2001

	<u>Yes</u>	<u>No</u>		<u>Yes</u>	<u>No</u>
Proof received timely?	X		Drilling permit required?		X
License examination fee required?	X		Drilling permit No.:		
Appropriate fee submitted?	X		Drilling permit upgrade needed?		
Receipt No.:		C051875	Well driller's report filed?		
Additional Amount Due:			Measuring device required?		X
Name and address same as permit?	X		Measuring device installed?		X
Are the water uses correct?	X		Measure device waiver requested?		

Priority Calculation

Date proof received		01/16/2001
Date proof due	-	02/01/2001
No. of days late	=	0
Holiday allowance	+	
Priority date	+	07/27/1999
New priority date	=	07/27/1999

Deficiencies of Actions Items

Acknowledge proof.

APPLICATION FOR PERMIT
STATE OFFICE ANALYSIS

Reviewed by Sharla Curtis on 2/4/00

No. 91-07143 Name: McLaughlin Corp. Officers N/A Ad ok ✓ Govt Lots ---

AREA OF CONCERN: No/Yes --- Moratorium --- GWMA --- TRUST/NON-TRUST ---

GROUNDWATER: (✓Flow Chart)

DRILLING PERMIT

All wells - 046(P23)
Basin 34 - 085
Irr. w/in WD - P05
WMD - North/East/West
≤ 0.24 cfs/5 acres - No MD
> 0.24 cfs/5 acres - 067

~~WMD~~

Supp irr (irr = only use) - 065-104
Supp irr (≠ other uses) - 100-105
≤ 0.24 cfs/5 acres - No MD
> 0.24 cfs/5 acres - 01M

LOCATION:

Boise Front LoGeo - 058 (<85 GW)
Mitigation - 121
42-248 Area - P84 (20s-70s, 81-86)
Swan Falls Flag - ---
Trust - 051(P74) (consumptive uses)
Non-Trust - 048-049 (consumptive uses or non-cons. > 1.0 cfs)

USES:

STORAGE - 18A-01H(P01), 01P-18B(P09)-NA
IRR ≤ 5 ac - R66/R67/R68/R69 (0.03 cfs/ac)
> 5 ac - R62/R63/R64/R65 (0.02 cfs/ac)
STOCKWATER - R37 (BLM/USFS)
MINING - 054-081(P10)
FISH PROP - 029(70'S only)-007-042-081(P10)
HEAT/COOL - R07(injection well)
FIRE PROT. - 077

BENEFICIAL USE DUE: 310112001

MISC CONDITIONS/REMARKS:

~~Protested~~ - 020-W19
Development Period
≤ 1 yr - P16
> 1 yr - 26A(P17)
Ownership - 004
Non-consumptive - 027
Water Quality - 081-R07

SURFACE WATER: (✓Flow Chart)

F&G contacted - Yes/No Response No objections
In/Above MSE - WB9 below MSE

PLANNING SECTION REVIEW/RESPONSE

In-stream development - P52
WD - R04 (WD# ---)
≤ 0.20 cfs/others - 01H(P01), 01P or No MD
> 0.20 cfs - 01J(P08)

SPRINGS/SINK, INACTIVE WD & REST OF STATE

≤ 0.24 cfs/5 acres - No MD
~~> 0.24 cfs/5 acres~~ - 01M or No MD

RIVER BASINS: (SW special considerations)

Snake R (04) - W22(P04), N/A
(02,03) - 007 (w/ remark WB9 if above Weiser)
Payette R (65) - 047(P04) (Payette Lake)
Salmon R (70's) - 029 (fish screens)
Weiser R (67) - 086-087

USES:

POWER - 17H-17K (+uses)-08A-025(P18)-01N-081(P10)
MUNICIPAL
Restricted area - 022,075
Irr., GW supp to SW - 102
DOMESTIC - lawn/garden up to 1/2 ac
Surface water - WB5 (Big Wood or Boise above Star Bridge)
27A (Payette R)
> 1 in restricted area - 070-071-075 (no parks/common areas, etc)
Irr use listed separate - WB5
Moratorium approvable - W03 (2500 gpd - meets domestic definition
i.e. D/convenience store)

Multiple pd's per 1/4 - W32
Subd lot desc (pd) - W59
Subd lot desc (pu) - W60
Use definitions - W02 example - S/50 range
Pre-1987 development - 068-074 (allow 120 days for proof due)
Single p/d intended - 076

IRRIGATION SEASON --- - --- (Per updated map)

OTHER CONDITIONS/REMARKS ---

COMMENTS ---

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WR1
WRA
ACA

DEPARTMENT OF WATER RESOURCES
APPROPRIATION APPLICATION ANALYSIS SHEET

Department of Water Resources

APPLICATION # 91-07143

INITIAL REVIEW

APPLICANT: McLAUGHLIN BY: AB DATE: 7/27/99

ITEM REQUIRED INFORMATION

- 1. (x) Name and Address
- 2. (x) Source
- 3. (x) Point of Diversion & County
- 4. (x) Quantity
 - (x) Nature of Proposed Use
 - (x) Period of Use
- 5. (x) Total Quantity
- 6. (x) Description of diverting works
- 7. (x) Time required for b/u
- 8. (x) Proposed use
- 9. (x) Place of use or acres irrigated
- 10. (x) Other water Rights
- 11. (x) Ownership
- 12. (x) Map
 - (x) Signature
 - (x) Fee (Amt, receipt, acknowledgement)

*** Send info sheet Y() N()

ADDITIONAL INFORMATION

- (Yes)(No)
- X Field check: by _____
 - I Field report attached
 - I Analysis Supp. attached(>5cfs/500af)
 - I Water delivered by water master?
 - Water District # _____

PROCESSING

(Yes)(No) PRIORITY DATE: 7/27/99
X (Include Moratorium Remark)
X Statewide Advertising: (Diversion rate greater than 10 cfs or 1,000 af).

sm/wed/ce

ADVERTISE IN: BENEWAH County

LETTERS SENT REQUESTING:

- () Dam Information () Fish Information
- () Power Information () Other: N/A

INFORMATION RECEIVED:

- () Dam Information () Fish Information
- () Power Information () Other: N/A

GROUNDWATER SECTION

WD Permit No.'s:	TAG #	Type:	Fees	Receipt No.	Upgrade Needed?
<u>I</u>		Dom. Non-Dom.	Paid \$		Y () N ()
<u>I</u>		Dom. Non-Dom.	Paid \$		Y () N ()
<u>I</u>		Dom. Non-Dom.	Paid \$		Y () N ()

- I Groundwater management area
- I Critical ground water area
- I Well Drilling Permit required
- I Well Drilling Application and Fees received
- I Well Drilling Application approved?

Remarks: _____

FINAL REGIONAL PROCESSING/REVIEW

- (Yes)(No)
- I Notice of pending void order issued. Final order response date: / /
 - I Further information required from applicant
 - 12/9 I Affidavit of publication received
 - 12/9 I Application published correctly. If not, record action taken: _____
 - 11/24 I Publication dates and paper recorded on application | Sr. Agent initial _____
 - I Protests received, Final protest date: 12/20/99
 - I Measuring device required
 - I Measuring port required
 - I Special conditions:
 - I Special conditions of approval supplement and/or cover letter attached:

Approval Recommended by: BRSA Date: 1/28/00