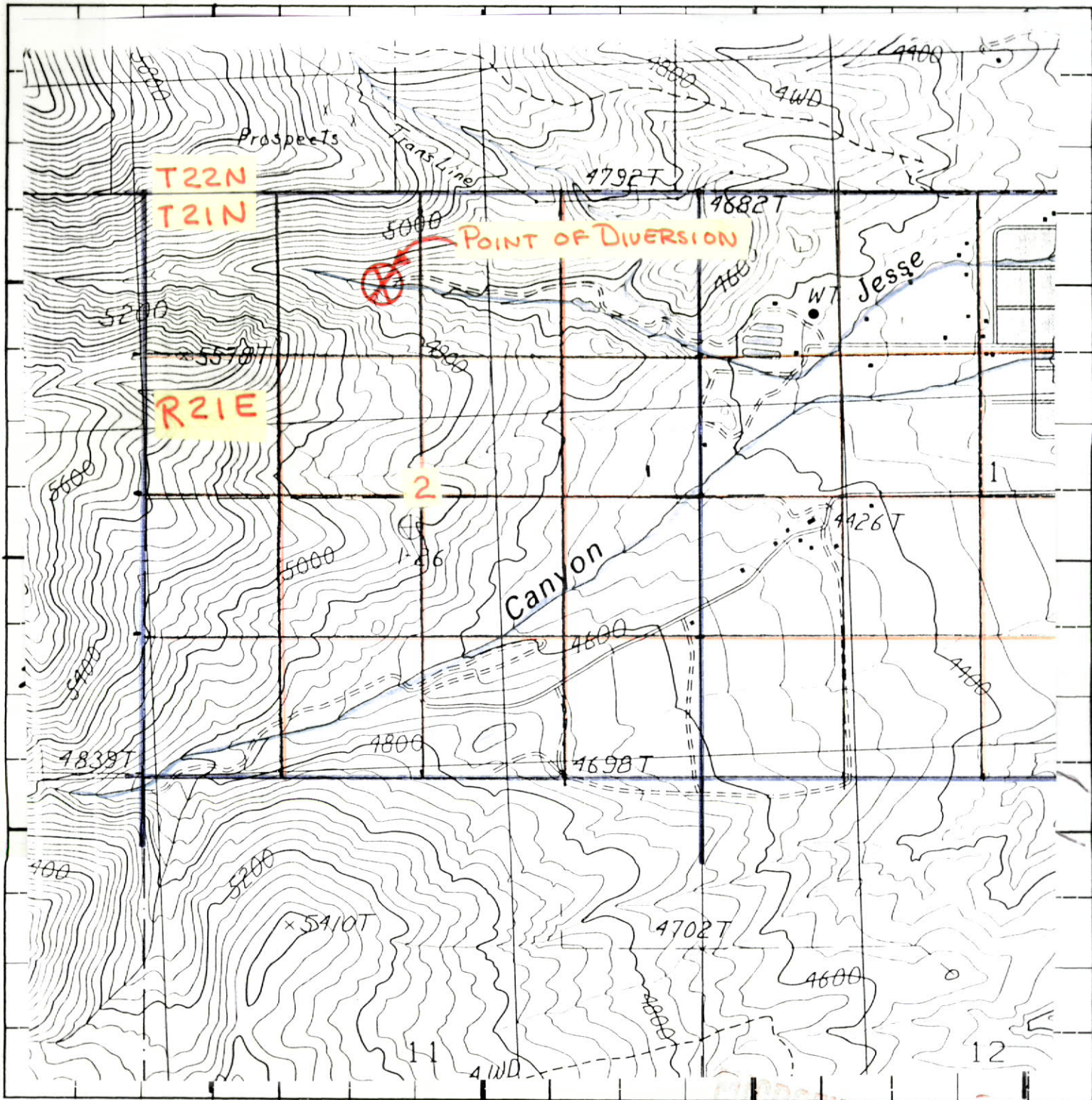


13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



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.

Patricia Ann Smith, Mayor
(Applicant)

NOTICE OF APPLICATION FOR WATER RIGHT

The Following application(s) have been filed to appropriate the public waters of the State of Idaho:

74-07321

LOGAN, RALPH

LOGAN, MILDRED

RT. 1 BOX 67A

SALMON, ID 83467

Source: GROUNDWATER

Diversion Pt: NWSW Sec 3 T 20N R

23E

Use: IRRIGATION (.100 CFS)

Total Diversion: (.100 CFS)

Date Filed: 1/10/1991

In: T20N R23E S03 NWSW

5.0 ACRES TOTAL

75-07563

CITY OF SALMON

200 MAIN STREET

SALMON, ID 83467

Source: JESSIE CREEK

Tributary: SALMON RIVER

Diversion Pt: Lot 3 (NENW) Sec 2 T

21N R 21E

Use: MUNICIPAL (5.000 CFS)

Total Diversion: (5.000 CFS)

Date Filed: 12/3/1990

In: Used within city limits

75-07564

STRICKLAND, JOHNE

STRICKLAND, LINDA K.

P.O. BOX 211

WELL, S. NV 89835

Source: SALMON RIVER

Tributary: SNAKE RIVER

Diversion Pt: NVNWSW Sec 14 T

19N R 21E

Use: IRRIGATION (.160 CFS)

Total Diversion (.160 CFS)

Date Filed: 12/27/1990

In: T19N R21E S14 NWSW

8.0 ACRES TOTAL

75-07565

ADAMS, RICHARD D.

ADAMS, M. DARLENE

8724 SHELLIE LANE

BOISE, ID 83704

Source: SALMON RIVER

Tributary: SNAKE RIVER

Diversion Pt: NWSW Sec 36 T 20N

R 21E

Use: IRRIGATION (.030 CFS)

Affidavit of Publication

STATE OF IDAHO

County of Lemhi

ss.

RICKY G. HODGES

being first duly sworn, deposes and says he is one of the printers (publishers) of the RECORDER-HERALD, a newspaper published weekly at Salmon, Lemhi County, Idaho, and of general circulation therein.

That the Notice of Application of Water Rights

74-07321/75-07563/75-07564/75/07565/75-07566 true

printed copy of which is attached to the margin hereof, has been and was correctly printed and pub-

lished in the regular and entire issue of every number of said newspaper and not in any supplement

thereof or thereto for two (2) consecutive issues, commencing with the issue

dated Feb. 21, 1991 and ending with the issue dated Feb. 28

19, 91.

STATE OF IDAHO

COUNTY OF LEMHI

ss.

On this 28th day of February, 1991

before me, A Notary Public, personally appeared RICKY G. HODGES

known or identified to me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledged to me that he executed the same.

Rick G. Hodges
Notary Public for Idaho

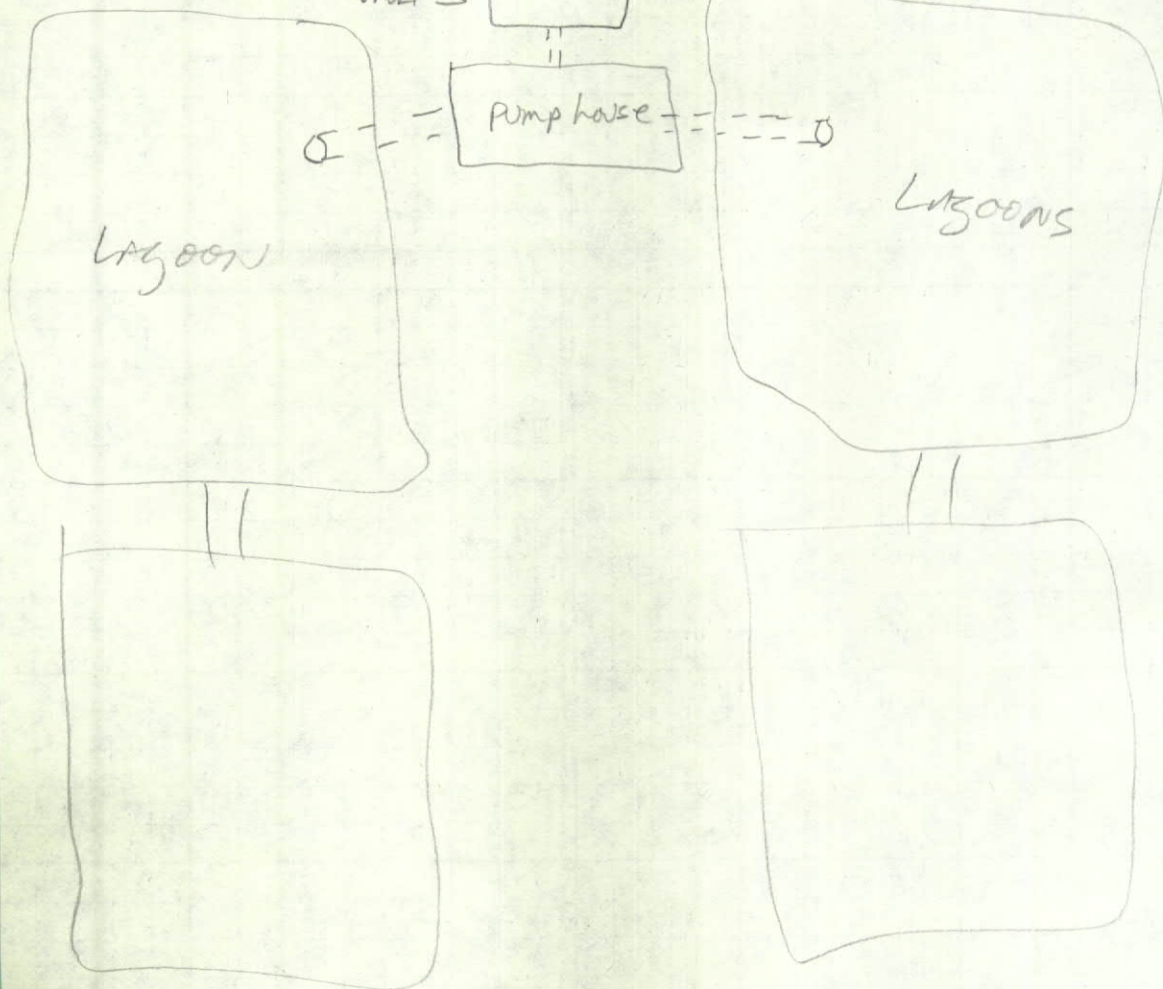
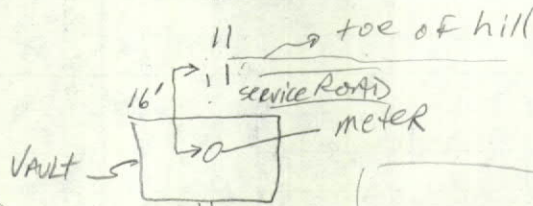
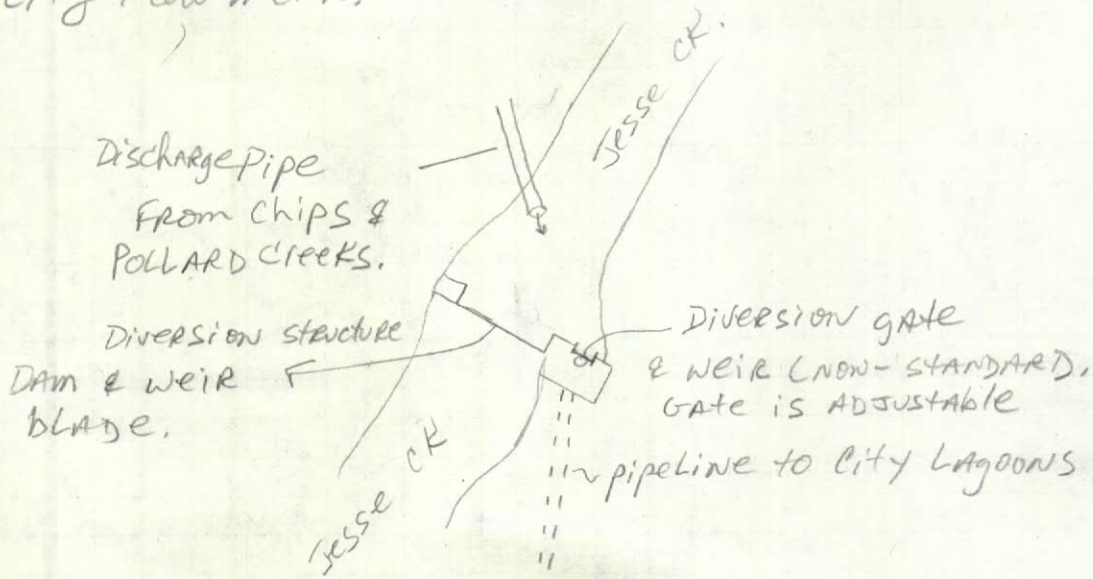
Residing At Salmon, Idaho

My Commission expires: 10/15/91

Publication Fee \$ 91.80

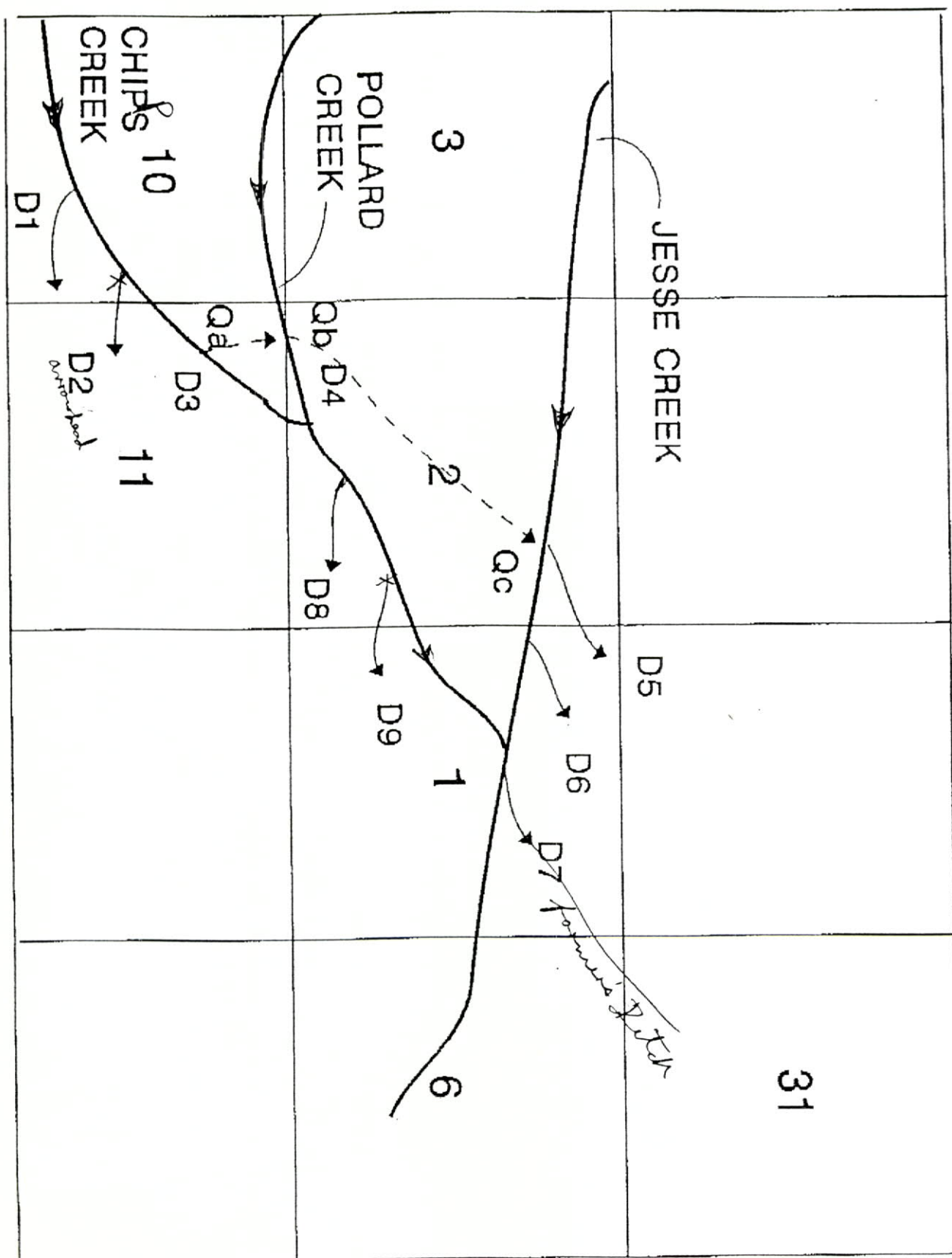
City of Salmon
 Jesse CK Diversion
 & City Flow meter.

NOT to SCALE



22-141 50 SHEETS
 22-142 100 SHEETS
 22-144 200 SHEETS













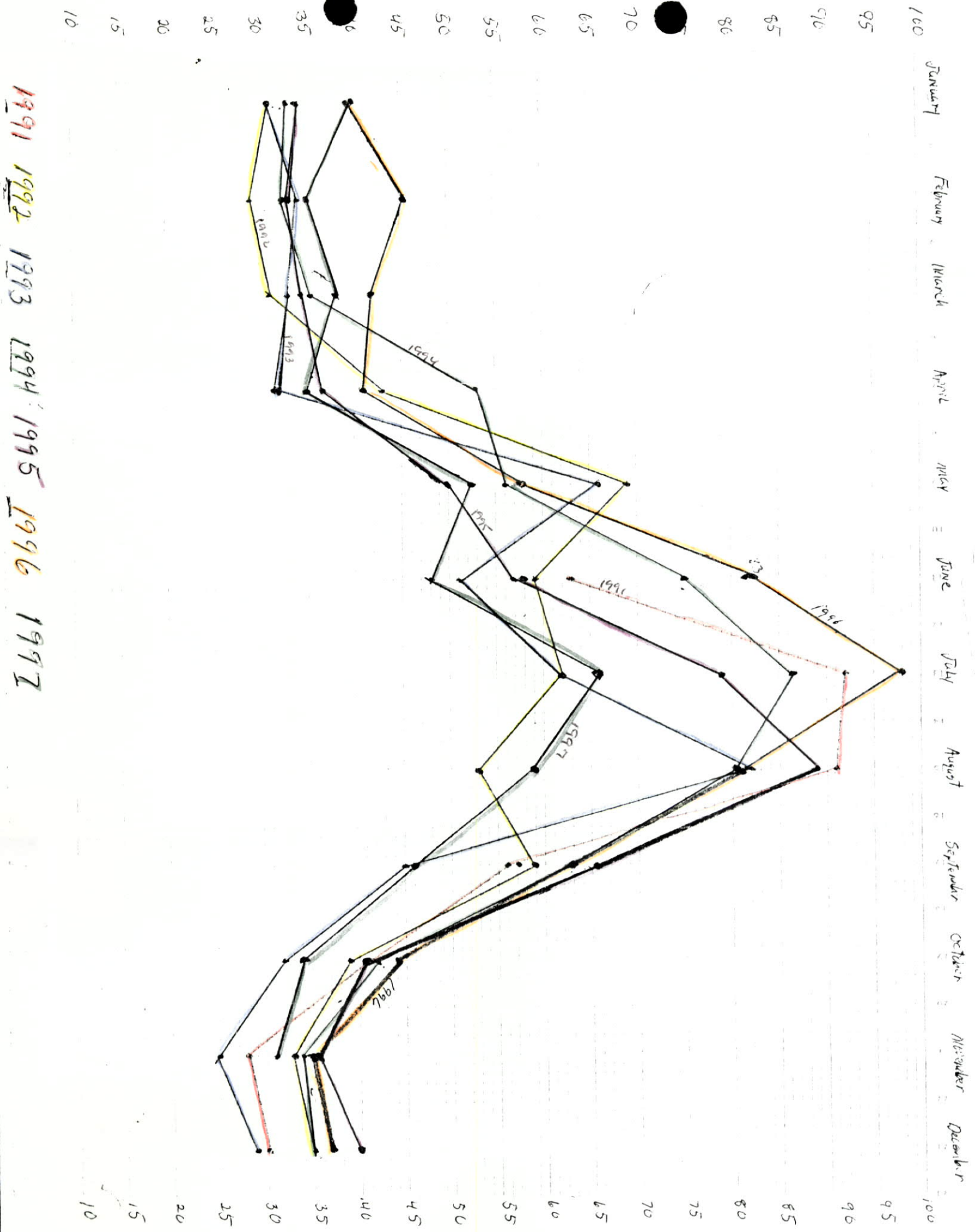


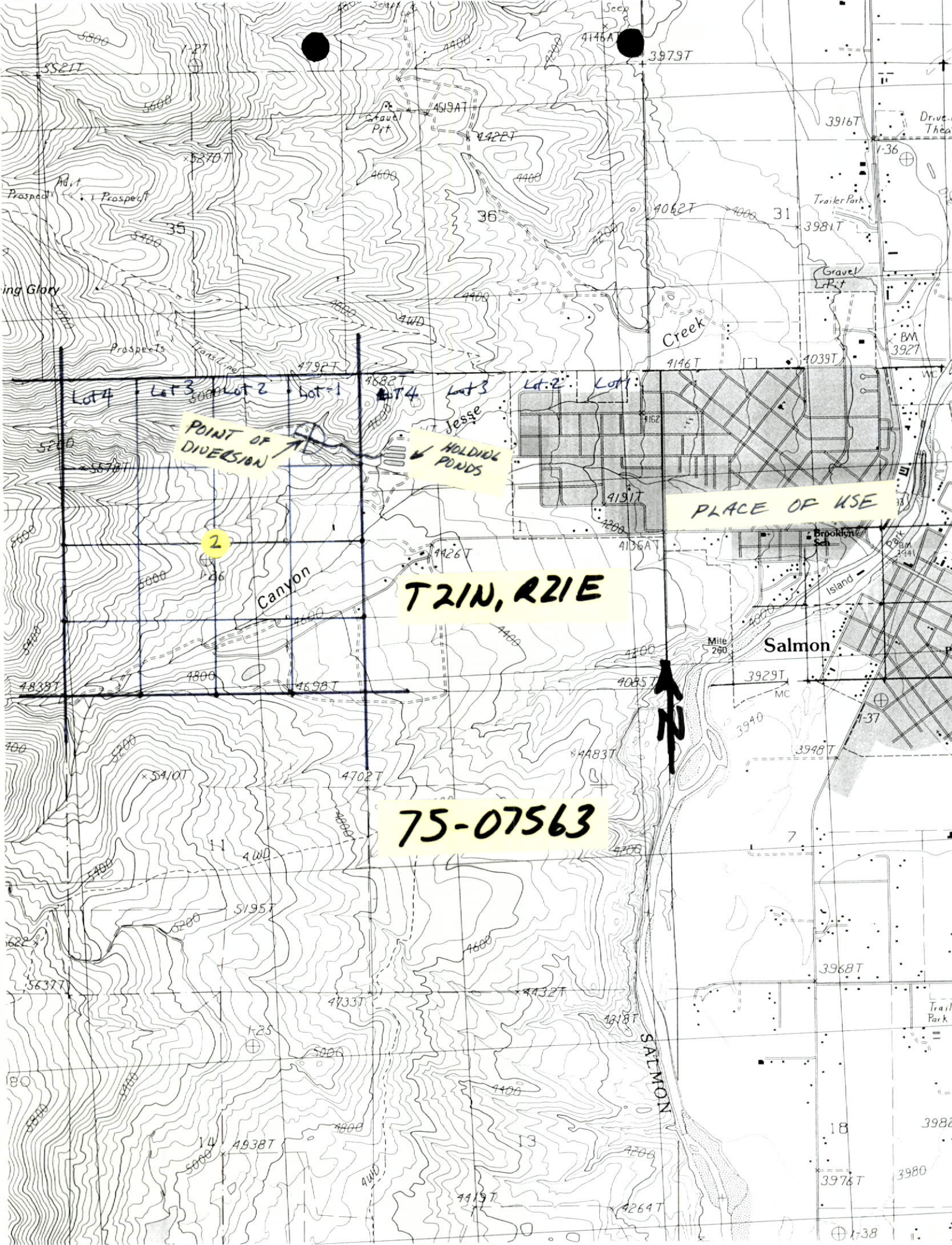




Million Gallons Per Month

Water Treatment Plant





POINT OF DIVERSION

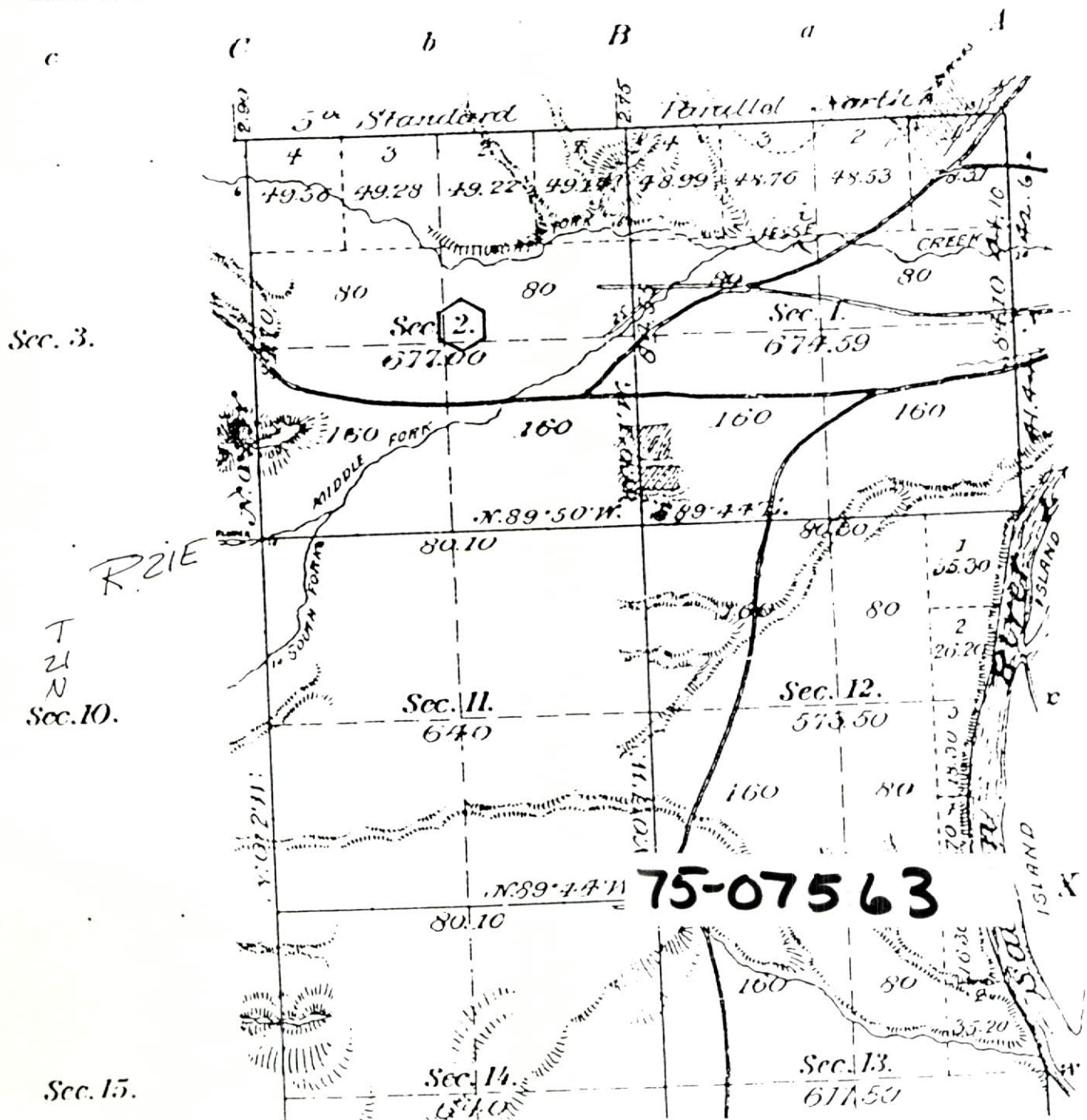
HOLDING PONDS

PLACE OF USE

T21N, R21E

75-07563

of the Boise Meridian



CITY OF SALMON
MUNICIPAL

1 of 2



JESSIE
CREEK
UPSTREAM
OF POINT
OF DIVERSION



CITY OF
SALMON
MUNICIPAL
WATER
INTAKE ON
LEFT.

POINT OF
DIVERSION

75-07563

CITY OF SALMON
MUNICIPAL

2012



WATER
STORAGE
PONDS
ABOVE
WATER
TREATMENT
PLANT



WATER
TREATMENT
PLANT
ABOVE CITY
OF SALMON

75-07563

RECEIVED
MAR 31 1992

OFFICE USE ONLY
Amt. of Fee \$ 200.00
Date 3-31-92
Receipt No. 2023654
Receipt by WLB

Department of Water Resources

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES**

PROOF OF BENEFICIAL USE

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 a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

1. Permit No. 75-07563 Telephone No. 756-3214
2. Name(s) of Permit Holder(s): City of Salmon
3. Mailing Address: 200 Main Street, Salmon, ID. 83467
4. Source of Water: Jesse Creek (tributary of Salmon River)

If **GROUNDWATER**, Well Driller's Name: _____ Date Drilled: _____

OPTIONAL:

Pump horsepower: _____ Pressure (psi): _____ Dynamic pumping level (ft.): _____

5. Extent of Use (as authorized by the permit):

Domestic NA (No. of households) Stockwater _____ (No. and type of stock)
Irrigation _____ (No. of acres) Other Municipal

6. Total rate and/or volume for which proof is submitted 5 cfs OR _____ acre/feet

7. Refer to the approval conditions on your permit and respond accordingly:

Measuring device: Required? X Yes _____ No Installed? X Yes _____ No

OR

Flow Measurement Port: Required? _____ Yes _____ No Installed? _____ Yes _____ No

8. Fee Enclosed: \$ 200.00 (See License Fee Schedule on back of Instruction Sheet)

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

Gloria Rivera 756-3214
Name Telephone No.
200 Main Street, Salmon, ID. 83467
Address

10. 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.

3/30/92
Date

Gloria A. Rivera --Clerk/Administrator
Signature (and title, if on behalf of a company or organization)

MAINTAINED
MAY 21 1992

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 75-07563

Proposed Priority: December 3, 1990 Maximum Diversion Rate: 5.00 CFS

This is to certify, that CITY OF SALMON
200 MAIN ST.
SALMON, ID 83467

has applied for a permit to appropriate water from:

JESSIE CREEK

tributary of SALMON RIVER

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

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
MUNICIPAL	01/01 to 12/31	5.00 CFS

LOCATION OF POINT(S) OF DIVERSION: LOT 3(NENW), Sec. 2, Township 21N, Range 21E
LEMHI County

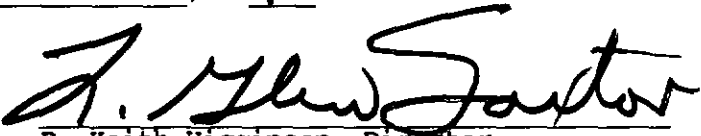
PLACE OF USE: See Remarks

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before April 1, 1992.
2. Subject to all prior water rights.
3. Use of water under this permit is subject to control by the watermaster of State Water District No. 75A.
4. A measuring device and lockable controlling works of a type acceptable to the Department shall be permanently installed and maintained as part of the diverting works prior to diversion of water under this permit.
5. The issuance of this permit in no way grants any right-of-way or easement across the land of another.
6. Place of use is within the city limits of Salmon.

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

10 day of April, 1991.

for 
R. Keith Higginson, Director

RECORDED

JUN 10 1991

RECEIVED

DEC - 3 1990

75 7563

Form 202
6/85

Department of Water Resources
Eastern District Office

Ident. No. _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant City of Salmon Phone 756-3214
Post office address 200 Main Street, Salmon, ID. 83467
2. Source of water supply Jessie Creek which is a tributary of Salmon River
3. Location of point of diversion is NE ^{*} $\frac{1}{4}$ of SE ^{NE} $\frac{1}{4}$ of NW $\frac{1}{4}$, Govt. Lot 3 ^{*}
Sec. 4 ^{*} 2 Township 21N Range 21E B.M. Lemhi County; additional
points of diversion if any: _____
4. Water will be used for the following purposes:
Amount 5 cfs for Municipal ~~domestic~~ ^{*} purposes from January 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) 5.0 cubic feet per second and/or (b) _____ acre feet per annum
6. Proposed diverting works:
- a. Description of ditches, flumes, pumps, headgates, etc. concrete headgate diverts
into municipal system ^{*}
water between city treatment plant and continued flow to other users
- b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total
reservoir capacity _____ acre-feet; period of year when water will be diverted to storage:
_____ to _____ inclusive.
- c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 90°F being sought? No
7. Time required for the completion of the works and application of the water to the proposed beneficial use is
1 ^{*} ~~perpetual~~ years (minimum 1 year).

JUN 10 1991

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

- a. Hydropower; show total feet of head and proposed capacity in KW. _____
- b. Stockwatering; list number and kind of livestock. _____
- c. Municipal; show name of municipality. City of Salmon
- d. Domestic; show number of households. 1225 households*
- e. Other; describe fully. _____

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. D. See item # 12

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
			diversion serves household located throughout																
			Salmon																
			USED WITHIN CITY LIMITS OF Salmon*																

Total number of acres to be irrigated _____

10. Describe any other water rights used for the same purposes as described above. Salmon has a number of other water rights granted for domestic water users

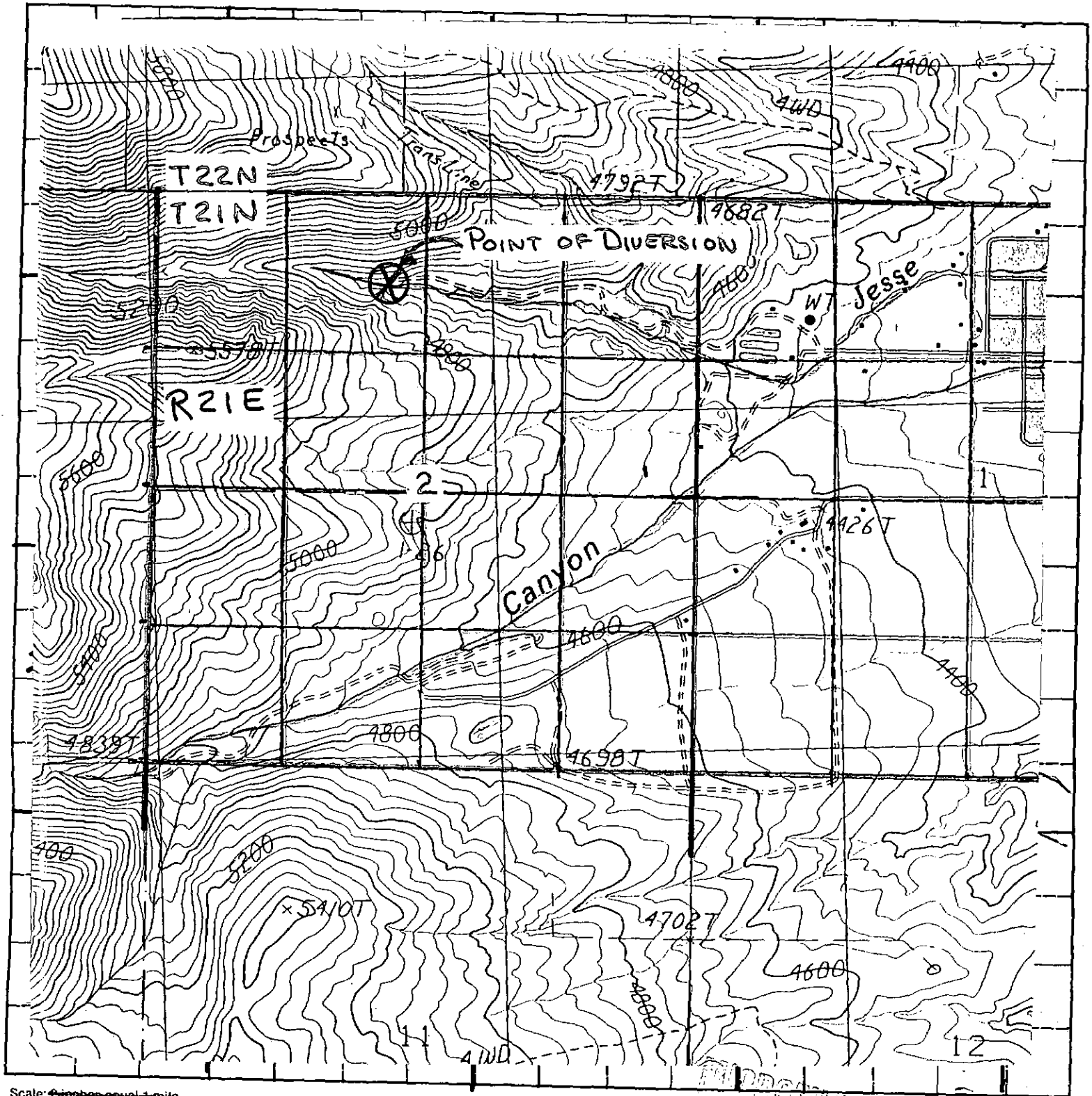
11. a. Who owns the property at the point of diversion? City of Salmon
- b. Who owns the land to be irrigated or place of use? varied public and private ownership
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. _____

12. Remarks: Use of water is for City of Salmon municipal supply which is spread over 5 different sections.

* Changes as per telecon w/ Gloria Rivira (City Clerk) 31 Jan 1991 - Kcw

RECEIVED

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



Scale: 1 inch equals 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.

Patricia Ann Lafferty, Mayor
(Applicant)

Received by HWT Date 12-3-90 Time 1:51pm Preliminary check by KW
Fee \$ 125.00 Receipted by HWT # EO15496 Date 12-3-90
Publication prepared by RB Date 2-21-91 Published in Recorder-Herald
Publication approved RB Date 3-12-91

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:

JUN 10 1991

NOTICE OF APPLICATION FOR WATER RIGHT

The Following application(s) have been filed to appropriate the public waters of the State of Idaho:

74-07321

LOGAN, RALPH

LOGAN, MILDRED

RT 1 BOX 67A

SALMON, ID 83467

Source: GROUNDWATER

Diversion Pt: NWSW Sec 3 T 20N R 23E

Use: IRRIGATION (100 CFS)

Total Diversion: (100 CFS)

Date Filed: 1/10/1991

In: T20N R23E S03 NWSW

5.0 ACRES TOTAL

75-07563

CITY OF SALMON

200 MAIN STREET

SALMON, ID 83467

Source: JESSE CREEK

Tributary: SALMON RIVER

Diversion Pt: L913 (NENW) Sec 21

21N R 21E

Use: MUNICIPAL (5,000 CFS)

Total Diversion: (5,000 CFS)

Date Filed: 12/3/1990

In: Used within city limits

75-07564

STRICKLAND, JOHN E.

STRICKLAND, LINDA K.

P.O. BOX 211

WELLS, NM 89835

Source: SALMON RIVER

Tributary: SNAKE RIVER

Diversion Pt: NWNWSB Sec 14 T

19N R 21E

Use: IRRIGATION (100 CFS)

Total Diversion: (100 CFS)

Date Filed: 12/27/1990

In: T19N R21E S14 NWSB

8.0 ACRES TOTAL

75-07565

ADAMS, RICHARD D.

ADAMS, M. DARLENE

8724 SHELLIE LANE

BOISE, ID 83704

Source: SALMON RIVER

Tributary: SNAKE RIVER

Diversion Pt: NWSW Sec 36 T 20N

R 21E

Use: IRRIGATION (100 CFS)

Affidavit of Publication

STATE OF IDAHO

County of Lemhi

ss.

RICKY G. HODGES

being first duly sworn, deposes and says he is one of the printers (publishers) of the RECORDER-HERALD, a newspaper published weekly at Salmon, Lemhi County, Idaho, and of general circulation therein.

That the Notice of Application of Water Rights

74-07321/75-07563/75-07564/75/07565/75-07566 true

printed copy of which is attached to the margin hereof, has been and was correctly printed and published in the regular and entire issue of every number of said newspaper and not in any supplement thereof or thereto for two (2)

consecutive issues, commencing with the issue dated Feb. 21 19 91 and ending with the issue dated Feb. 28 19 91

STATE OF IDAHO

COUNTY OF LEMHI

ss.

On this 28th day of February in the year of 19 91 before me, A Notary Public, personally appeared RICKY G. HODGES

known or identified to me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledged to me that he executed the same.

Rick G. Hodges
Notary Public for Idaho

Residing At Salmon, Idaho

My Commission expires: 10/15/91

Publication Fee \$. 91 . 80

Memorandum

To: Shelley Keen
From: Tim Luke *TJL*
Date: June 20, 1998
Re: City of Salmon Flow Measurements

Attached to this memo are copies of flow meter certification reports which I completed for two flow meter installations at the City of Salmon water works plant. I believe that the report which you are most interested is the one dated May 21, 1998. This report documents some measurements made for the diversion from Jesse Creek. A sketch of the diversion and meter location is also attached. I understand that Bob Foster has sent you photos of the diversion and meters. Attached also is a sketch showing the various diversions from Jesse Creek along with a water right delivery list for the Jesse Creek Water District, District 75-A. The list and sketch was prepared by George Austiguy sometime in 1992. I believe that several transfers have been filed since this time so the list and diversion map may be outdated.

Please note that water is also diverted by the City from Pollard Creek (and I think also from Chipps Creek), and then injected to and commingled with Jesse Creek immediately upstream from the city diversion on Jesse Creek. The commingled water is diverted to the City's holding ponds. From the ponds, water is diverted into the treatment plant. From the plant water is discharged to a storage tank and then distributed to city customers. The meter certification report dated May 20, 1998 documents measurements made for the meter located between the treatment plant and the storage tank.

According to the plant operator Paul Stokes, the operating flow measured for the Jesse Creek meter represents a normal operating flow. I think Stokes stated that the flows may frequently get several hundred gpm higher. Stokes has a record of some past meter readings and can provide them to us. In fact, I asked Stokes to send them to me but I have not seen them as of this writing.

You will note that there was about a 10% difference in flow rates between the city meter and the IDWR portable ultrasonic flow meter. I believe the city meter is probably more accurate for several reasons:

- 1) There was some question about pipe thickness, the pipe is ductile iron and the plant operator did not think the pipe had a cement liner, but the thickness gage did yield a consistent thickness of 0.385 in. which is a reasonable thickness for both the iron and the liner. We generally have trouble using our thickness gages on pipe with cement liners (this in fact was the case for the other pipe and city meter we measured on 5/20/98) I used the 0.385 thickness but inaccuracy in this measurement could result in a loss of accuracy on our portable meter.
- 2) The installed meter is a Water Specialties propeller meter. Our section's experience with this meter in the ESPA water measurement program is that these are among the most accurate that we've found, usually they are accurate to within five or six percent of our portable meters.
- 3) The measurement made on the diversion gate weir provided a discharge closer to the discharge given by the city meter. The weir is really a non-standard weir but one that should provide a reasonable measurement. The city uses the gate as a weir device.
- 4) The diagnostics provided by the IDWR portable meter were just barely acceptable at the normal flow.

After checking the meter at about 900 gpm, Stokes opened the diversion gate as far as he could so that we could try measuring somewhere near the system capacity. Stokes said he had never opened the gate to the extent that we did on 5/21/98. It took a few minutes to increase and stabilize the flow. At this high flow, rocks from the creek flowed into the pipe and hit the meter pretty hard. I had concerns about possible damage to the meter and asked Stokes to turn it back down. Moreover, I could not get a reading on our portable ultrasonic meter, probably because the flow was too turbulent. Prior to turning it down however, the city meter registered 3000 gallons in only 45 seconds. I timed this again and got 3000 gallons in 44 seconds. This is a flow of about 4000 gpm, or 8.9 cfs. After the water was turned down, the meter registered a flow of about 1282 gpm. I am not sure if the meter was really accurate at or after the high flow due to my concern about the rocks. At this latter flow, the IDWR meter was measuring over 1400 gpm, but my diagnostics were still poor. I did not continue with any additional measurements at lower flows as it was late in the day and I needed to return to Boise.

I hope this information is of use to you in your license analysis. I am sending copies of the certification report to the City of Salmon for their records along with some explanation of the comparisons. I will likely include a copy of this memo.

Cc: Bob Foster, IDWR

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Water Measurement Program

1998 WATER MEASURING DEVICE CERTIFICATION

Date of Testing 5-20-1998Person performing test: T. LUKE, B. Foster

Name:	<u>CITY OF SALMON</u>
Water Right No:	_____
Legal Description:	T _____ R _____ Sec. _____ 1/4 _____ 1/4 _____ 1/4 _____
Site Tag No:	<u>NA</u>
Diversion Name:	<u>TREATMENT PLANT METER - INFLOW</u>

Current Owner

Name CITY OF SALMON Phone _____
Last, First, MI

Address _____ City _____ State _____ Zip _____

Operator (if leased or operated by someone else)

Name _____ Phone _____
Last, First, MIContact: PAUL STOKESSECTION I WELL SITE IDENTIFICATION NA

Global Positioning System Data:

Data Collection Filename 5-20-1998 Offset 00000000IDWR Site Tag Identification No. NA

Site Tag location description: _____

PLS/USGS Locator _____

For Department/District Use Only

Received by _____ Date _____

Reviewed by _____ Date _____

Data Entry by _____ Date _____

SECTION II INSTALLED METER INFORMATION

METER AND MOUNTING PIPE INFORMATION			
Date of meter Installation	1991	Multiplier - Flow rate	
Manufacturer	SENSUS	Multiplier - Totalizer	—
Meter Type	Propeller	Location (good <u>fair</u> poor)	
Model	PROP-ROF-1	Pipe information	
Serial Number		Pipe material	Ductile Iron
Size (nominal)	14"	Outside Diameter	16.72
Measure Flow Rate?	(circle one) Yes No	Wall Thickness	0.1875"
Measurement Units	(circle one) CFS <u>GPM</u> Other (specify)	Inside Diameter	16.3"
Measure Cumulative Volume?	(circle one) Yes No	Dist. of straight pipe upstream from meter	20 Ft.
Volume Units	Acre-Feet Yes <u>No</u> Other (specify) <u>GALS.</u>	Dist. of Straight pipe downstream from meter	6 Ft.

see
PECK
MANUAL
TABLE 5B
B3
CLASS 50
Ductile Iron
Cement + Liner
total
thickness
= 0.375"

SECTION III CERTIFICATION FOR CALIBRATION OF A WATER MEASUREMENT METER

See back page for instructions.

Measurement No. 1 (M_1) is the measured rate of flow from the permanently installed flow meter.

Measurement No. 2 (M_2) is the measured rate of flow from the measuring device being used to check the flow for the calibration. This method or device must be accurate to within $\pm 5\%$ error. Describe below the method and equipment used to perform this measurement.

PECK DCT 7088 ULTRASONIC meter (Polysonics)

$$\text{Percent Difference} = (M_1 - M_2) \div M_2 \times 100 = \pm \% \quad (\text{Acceptable is within } \pm 10\%) \quad (\text{equation 1})$$

$$\text{Calibration Multiplier} = M_2 \div M_1 \quad (\text{equation 2})$$

Is flowmeter installed according to manufacturer's specifications? Yes / No / Unsure

Describe any apparent problems with installation or operation _____

Flowmeter accuracy prior to any adjustments: _____ Totalizer reading _____

Flowmeter accuracy after final adjustment: _____ Totalizer reading _____

Flowmeter calibration multiplier: _____

Water Level Data *NH*Does the well have access to measure water levels? Yes / NoStatic Water Level _____ ft
Date _____Pumping Water Level _____ ft (at condition # _____)
Date _____**FLOWMETER ACCURACY CALIBRATION TABLE**

Owners meter (totalizer reading)	Time	Total Gallons	Ave. Flow Rate - GPM (M ₁)	Standard total gallons	Average flow rate (M ₂)	Percent diff. (±)	Comments and adjustments
0	4:43 PM						
3729	4:46 PM	3729	1243	NA	1206*	+3.07%	

Notes, Comments or Calculations: * PRINTER WAS NOT CHARGED OR OPERABLE. AVERAGE FLOW RATE FROM PEER ULTRASONIC METER IS AVERAGE OF 9 INSTANTANEOUS READINGS TAKEN EVERY 20 SECONDS OVER 3 minute period. Flows on peer meter RANGED FROM 1140 TO 1243 GPM. PEER meter RECORDED excellent signal strengths, STABLE DELTA T & DIAGNOSTICS.

Sketch and or photograph of installation: Given consistent discharge measurements AND percent differences of only 3%, ADJUSTMENT OF City meter is not recommended.

I certify that the above information is true and correct to the best of my knowledge and ability and the measurements taken and recorded are in accordance with the standards and specifications of the equipment used.

Signature Timothy J. Luke
(person performing measurements)Date 6-8-93

INSTRUCTIONS: Permanently installed flowmeters must be checked at the time of installation and at least once every four years or whenever major repairs or maintenance has been performed. **All documentation to support data such as notes, printout tapes, etc., should be attached to this form for submittal.**

Meter certification and calibration is necessary to verify the installation and accuracy of permanently installed flowmeters and to enhance the accuracy of flowmeter measurements. The Department's goal for permanent flowmeters is an installed accuracy of ± 10 percent or better. Inaccuracies exceeding ± 10 percent are not acceptable. If a flowmeter is not accurate to within ± 10 percent, a **calibration multiplier** may be used if the inaccuracy is consistent over the normal range of flows measured by the meter. If a meter is not accurate to within ± 10 percent and the inaccuracy is not consistent, the meter should be repaired, replaced, or relocated in order to alleviate the problem.

The **calibration multiplier** is an adjustment applied to flowmeter readings which should result in a more accurate measurement. Calculate the multiplier by dividing the standard meter reading by the permanent meter reading (see equation 2, page 2). The calibration multiplier will be applied by the Department or District to the meter reading submitted by the owner of the meter.

The following items should be documented on this form:

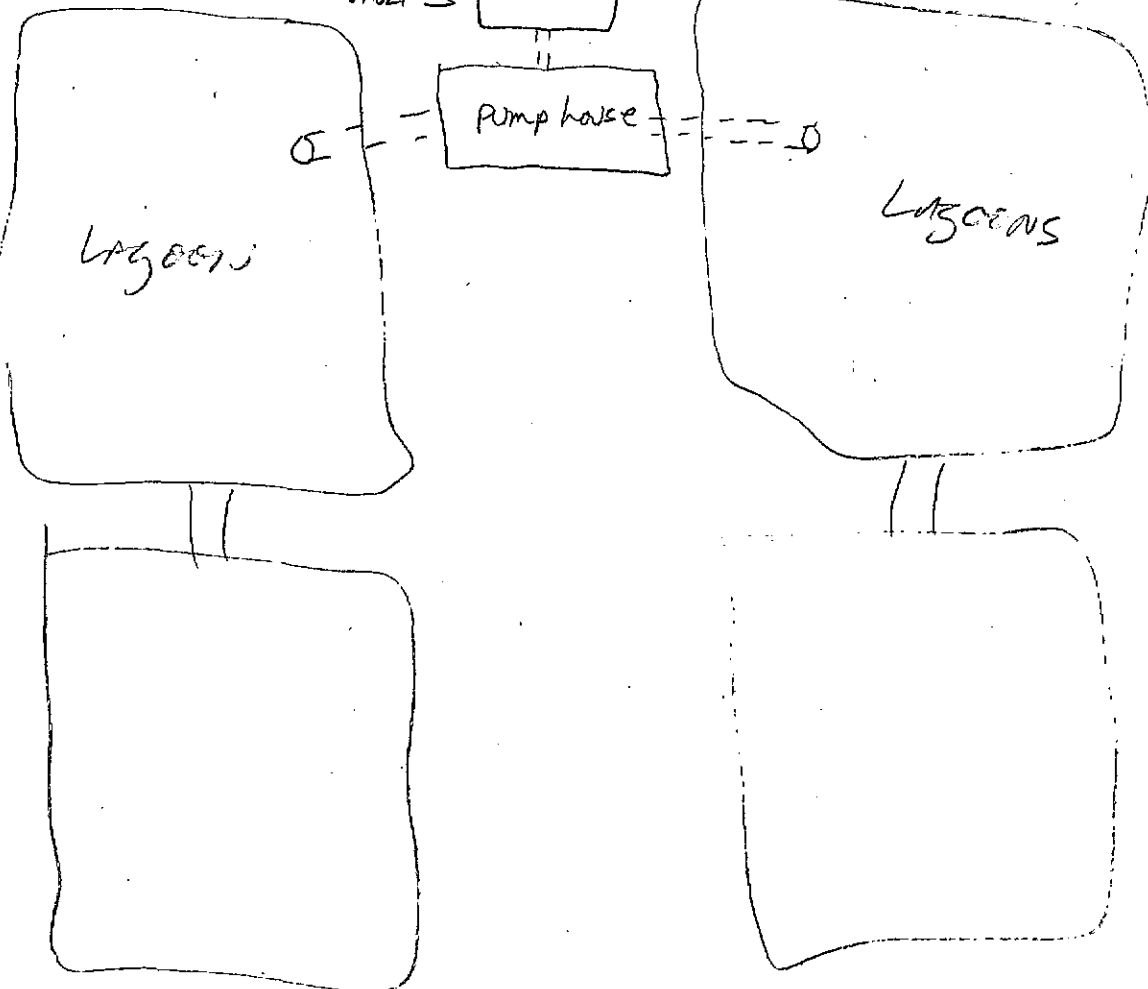
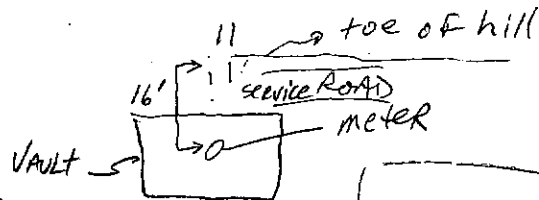
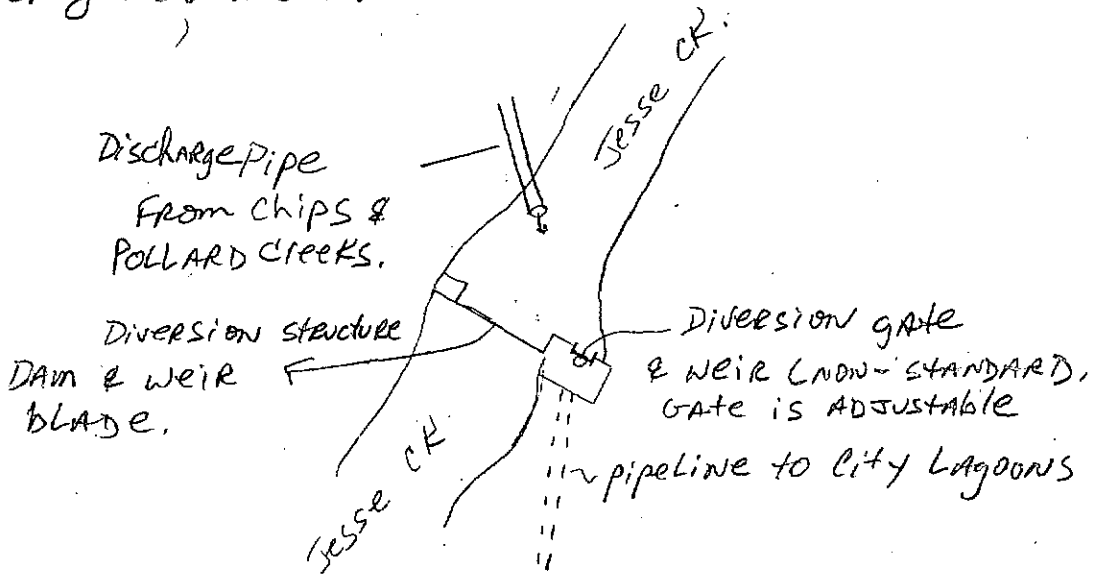
- 1) Flowmeter accuracy prior to any adjustments.
- 2) Any adjustments made to the flowmeter.
- 3) Final flowmeter accuracy when adjustments or repairs are made
- 4) Flowmeter calibration multiplier when the final accuracy is not within $\pm 10\%$.
- 5) Flowmeter totalizer and rate readings prior to adjustment, and after adjustments are complete.

Use the **flowmeter accuracy calibration table** to record totalizer and rate readings from both the permanent and standard flowmeters. Calculate the percent difference between the two meter readings using equation 1 on page 2. Document any adjustments made to the meter.

Flowmeter accuracy is not always consistent; a meter may be accurate at one flow rate, but not at others. Whenever possible, check the meter's accuracy at two or three different flow rates over the range of flows normally measured by the meter (low, high, moderate).

CITY OF SALMON JESSE CR DIVERSION & CITY FLOW METER.

NOT TO SCALE



22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Water Measurement Program

1998 WATER MEASURING DEVICE CERTIFICATION

Date of Testing 5-21-98Person performing test: T. LUKE, B. Foster

Name:	<u>City of Salmon</u>
Water Right No:	
Legal Description:	T. <u> </u> R. <u> </u> Sec. <u> </u> $\frac{1}{4}$ <u> </u> $\frac{1}{4}$ <u> </u> $\frac{1}{4}$
Site Tag No:	<u>NA</u>
Diversion Name:	<u>Lagoon In Flow Meter - From Jesseck Diversion</u>

Current Owner

Name City of Salmon Phone
Last, First, MIAddress City State Zip

Operator (if leased or operated by someone else)

Name Phone
Last, First, MIContact: PAUL STOKES

SECTION I WELL SITE IDENTIFICATION

Global Positioning System Data: NAData Collection Filename Offset IDWR Site Tag Identification No. Site Tag location description: PLS/USGS Locator

For Department/District Use Only

Received by Date Reviewed by Date Data Entry by Date

SECTION II INSTALLED METER INFORMATION

METER AND MOUNTING PIPE INFORMATION			
Date of meter Installation	1994	Multiplier - Flow rate	
Manufacturer	Water Specialties	Multiplier - Totalizer	— NA
Meter Type	Propeller	Location (good, fair, poor)	
Model	MC-11-X	Pipe information	
Serial Number	944978	Pipe material	Ductile Iron
Size (nominal)	12"	Outside Diameter	12.89"
Measure Flow Rate?	(circle one) Yes No	Wall Thickness	0.385 (T-Mile)
Measurement Units	(circle one) CFS GPM Other(specify)	Inside Diameter	12.5"
Measure Cumulative Volume?	(circle one) Yes No	Dist. of straight pipe upstream from meter	40'
Volume Units	Acre-Feet Yes No Other(specify) GALS.	Dist. of Straight pipe downstream from meter	16'

Consistent thickness next by T-Mile thickness gauge. Appears to be combined thickness of steel plus a liner.

SECTION III CERTIFICATION FOR CALIBRATION OF A WATER MEASUREMENT METER

See back page for instructions.

Measurement No. 1 (M_1) is the measured rate of flow from the permanently installed flow meter.

Measurement No. 2 (M_2) is the measured rate of flow from the measuring device being used to check the flow for the calibration. This method or device must be accurate to within $\pm 5\%$ error. Describe below the method and equipment used to perform this measurement.

PEEK DCT 7088 ULTRASONIC METER (POLYSONICS)

$$\text{Percent Difference} = (M_1 - M_2) \div M_2 \times 100 = \pm \% \quad (\text{Acceptable is within } \pm 10\%) \quad (\text{equation 1})$$

$$\text{Calibration Multiplier} = M_2 \div M_1 \quad (\text{equation 2})$$

Is flowmeter installed according to manufacturer's specifications? Yes / No / Unsure

Describe any apparent problems with installation or operation _____

Flowmeter accuracy prior to any adjustments: _____ Totalizer reading _____

Flowmeter accuracy after final adjustment: _____ Totalizer reading _____

Flowmeter calibration multiplier: NA

Water Level Data

Does the well have access to measure water levels? Yes / No

Static Water Level _____ ft
Date _____

Pumping Water Level _____ ft (at condition # _____)
Date _____

FLOWMETER ACCURACY CALIBRATION TABLE

Owners meter (totalizer reading)	Time	Total Gallons	Ave. Flow Rate - GPM (M ₁)	Standard total gallons	Average flow rate (M ₂)	Percent diff. (±)	Comments and adjustments
1) 1000 GAL	66 sec	1000	909 gpm	1116.0	1014 gpm	-10.4%	
2) 1000 GAL	66 sec	1000	909 gpm	1117.8	1016 gpm	-10.4%	

Notes, Comments or Calculations: PEEK meter printer not charged or operable. PEEK meter flow rate based on observation & recording of volume readings at approx 66 sec. intervals - same length of time as city meter took to register 1000 gals. PEEK signal strength only +2-3%.
At increased flow and capacity, PEEK meter did not register flow - flow appeared to be too turbulent.

At low flow, Bob Foster & I measured head over with a staff gage over the adjustable gate above the pipe inlet. The gate is used as a weir by the city. The weir is not standard, but should yield a reasonable estimate. Using contracted rectangular weir formula & met. S. head of 0.46', Q = 889 gpm; using suppressed weir formula, Q = 934 gpm. The weir flows are closer to the installed meter flow. Due to poor signal strength on PEEK meter, I recommend accepting the ^{installed} flow meter readings. No calibration or adjustment factor is recommended.

Note: At high flows, a number of rocks from creek flowed down pipe & were hitting meter. Meter should be checked for damage.

I certify that the above information is true and correct to the best of my knowledge and ability and the measurements taken and recorded are in accordance with the standards and specifications of the equipment used.

Signature Tim J. Luke
(person performing measurements)

Date 6-8-93

City diversion from creek - gate wide open, city meter Q = 4,000 gpm
OR 8.91 cfs
This flow may be questionable due to potential damage from rocks.
see attached sketch

INSTRUCTIONS: Permanently installed flowmeters must be checked at the time of installation and at least once every four years or whenever major repairs or maintenance has been performed. **All documentation to support data such as notes, printout tapes, etc., should be attached to this form for submittal.**

Meter certification and calibration is necessary to verify the installation and accuracy of permanently installed flowmeters and to enhance the accuracy of flowmeter measurements. The Department's goal for permanent flowmeters is an installed accuracy of ± 10 percent or better. Inaccuracies exceeding ± 10 percent are not acceptable. If a flowmeter is not accurate to within ± 10 percent, a **calibration multiplier** may be used if the inaccuracy is consistent over the normal range of flows measured by the meter. If a meter is not accurate to within ± 10 percent and the inaccuracy is not consistent, the meter should be repaired, replaced, or relocated in order to alleviate the problem.

The **calibration multiplier** is an adjustment applied to flowmeter readings which should result in a more accurate measurement. Calculate the multiplier by dividing the standard meter reading by the permanent meter reading (see equation 2, page 2). The calibration multiplier will be applied by the Department or District to the meter reading submitted by the owner of the meter.

The following items should be documented on this form:

- 1) Flowmeter accuracy prior to any adjustments.
- 2) Any adjustments made to the flowmeter.
- 3) Final flowmeter accuracy when adjustments or repairs are made
- 4) Flowmeter calibration multiplier when the final accuracy is not within $\pm 10\%$.
- 5) Flowmeter totalizer and rate readings prior to adjustment, and after adjustments are complete.

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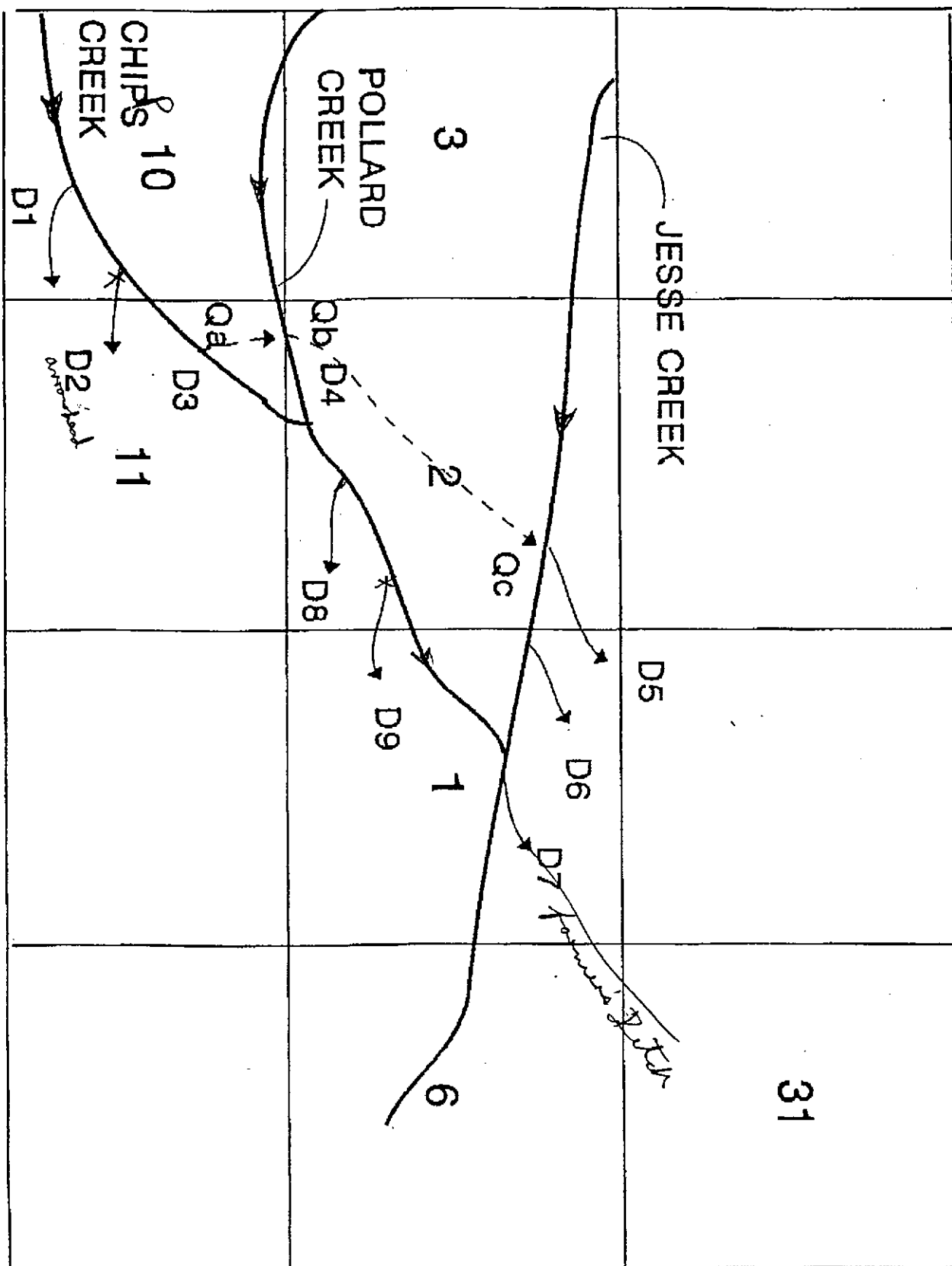
Flowmeter accuracy is not always consistent; a meter may be accurate at one flow rate, but not at others. Whenever possible, check the meter's accuracy at two or three different flow rates over the range of flows normally measured by the meter (low, high, moderate).

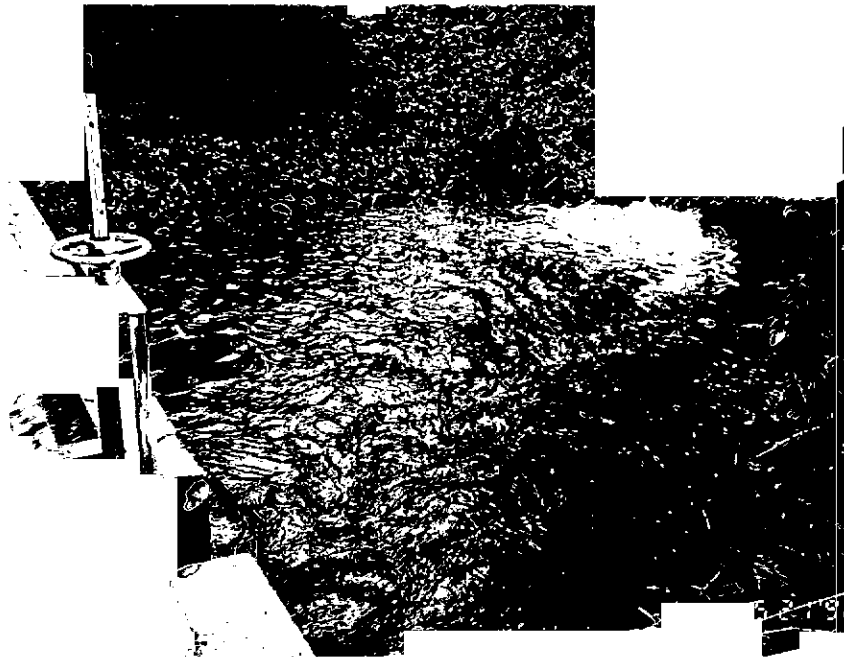
completed
Roy G. Austin
& T. Luke
ca 1992

PRIORITY	WATER RIGHT NUMBER	WATER USER	PRIORITY DATE	AMOUNT CFS	IN	DIVERSION POINT
1	75-00018	CITY	06/01/1867	0.3	15	D5 WATER WORKS
1	75-00016	CITY	06/01/1867	2.0	100	D5 WATER WORKS
1	75-00017A	CITY	06/01/1867	1.26	63	D5 WATER WORKS
1	75-00017B	CITY	06/01/1867	0.24	12	D5 WATER WORKS
TOTAL:				3.80	190	
2	75-00019A	BLACKADAR	06/01/1868	1.31	65	D7 FARMERS DITCH
2	75-00019B	CITY	06/01/1868	0.49	25	D5 WATER WORKS
2	75-00019C	CITY	06/01/1868	1.50	75	D5 WATER WORKS
2	75-00019D	ARROWHEAD	06/01/1868	0.3	15	D2 CHIPS CREEK
3	75-00024	GAVER	06/01/1877	0.1	5	D7 FARMERS DITCH
4	75-00021	ARROWHEAD	05/01/1883	0.1	5	D2 CHIPS CREEK
5	75-00026A	CITY	05/01/1884	0.3	15	D5 WATER WORKS

PRIORITY	WATER RIGHT NUMBER	WATER USER	PRIORITY DATE	AMOUNT CFS	IN	DIVERSION POINT
5	75-00026B	M. WILSON	05/01/1884	0.2	10	D7 FARMERS DITCH
6	75-00020	GAVER	06/01/1888	0.3	15	D6 JESSE CREEK
7	75-00022	ARROWHEAD	05/01/1889	2.0	100	D2 CHIPS CREEK AS
8	75-00003	M. AUSTIN	04/01/1894	1.4	70	D7 FARMERS DITCH
8	75-00005	ARROWHEAD	04/01/1894	5.0	250	D8 POLLARD CREEK AS
8	75-00001	SCHULENBURGER AND SORENSEN	04/01/1894	0.7	35	D7 FARMERS DITCH
8	75-00007	CITY	04/01/1894	4.0	200	D5 WATER WORKS
8	75-00113	BLACKADAR	04/01/1894	2.0	100	D7 FARMERS DITCH
8	75-00009	M. AUSTIN	04/01/1894	1.5	75	D7 FARMERS DITCH
8	75-00002	E. EDWARDS	04/01/1894	1.7	85	D1 CHIPS CREEK
9	75-00014	J. PROKSCH	04/01/1902	1.2	60	D9 POLLARD CREEK

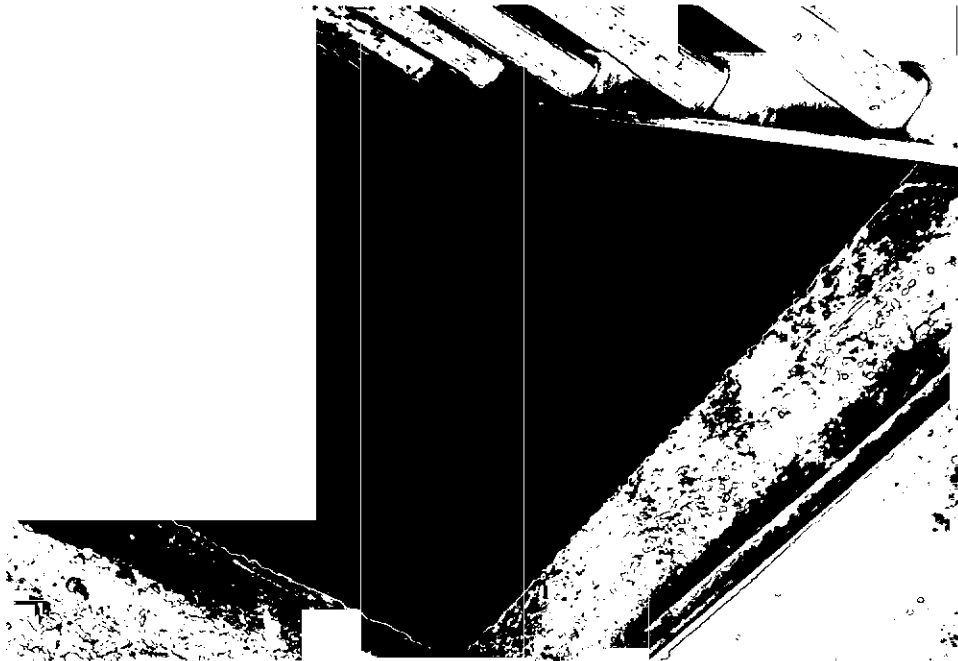
PRIORITY	WATER RIGHT NUMBER	WATER USER	PRIORITY DATE	AMOUNT CFS	IN	DIVERSION POINT
10	75-00010	EDWARDS	09/01/1914	1.6	80	D1 CHIPS CREEK
11	75-00013	SORENSEN AND SCHULENBERGER	09/14/1914	0.6	30	D6 JESSE CREEK
11	75-00012	EDWARDS	09/14/1914	1.6	80	D1 CHIPS CREEK
11	75-00011	EDWARDS	09/14/1914	1.1	60	D1 CHIPS CREEK
12	75-02162	EDWARDS	08/31/1960	3.2	160	D1 CHIPS CREEK
13	75-07563	CITY	12/03/1990	5.0	250	D5 WATER WORKS





adjustable wall on Jesse Creek pool
pipe in Jesse Creek is conveying Polaris & Chippis
creek water into Jesse Creek

POLARIS
15/17/09 0233 N-1 N N N 09 2



Flow meter for City of Salmon

Division from Jesse Creek

located Above storage ponds approx. 1/2 mile East of
P.O.

PLC No.

DATE: 0283 N-1 4 Y N 83 2

5125

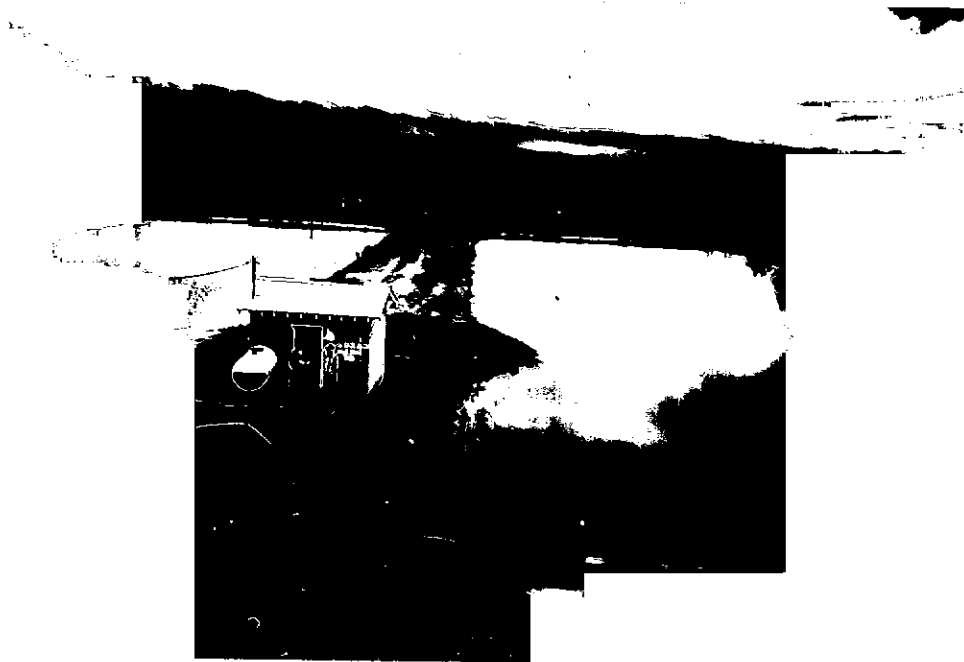


Flow meter for City of Salmon

Jesse Creek Diversion

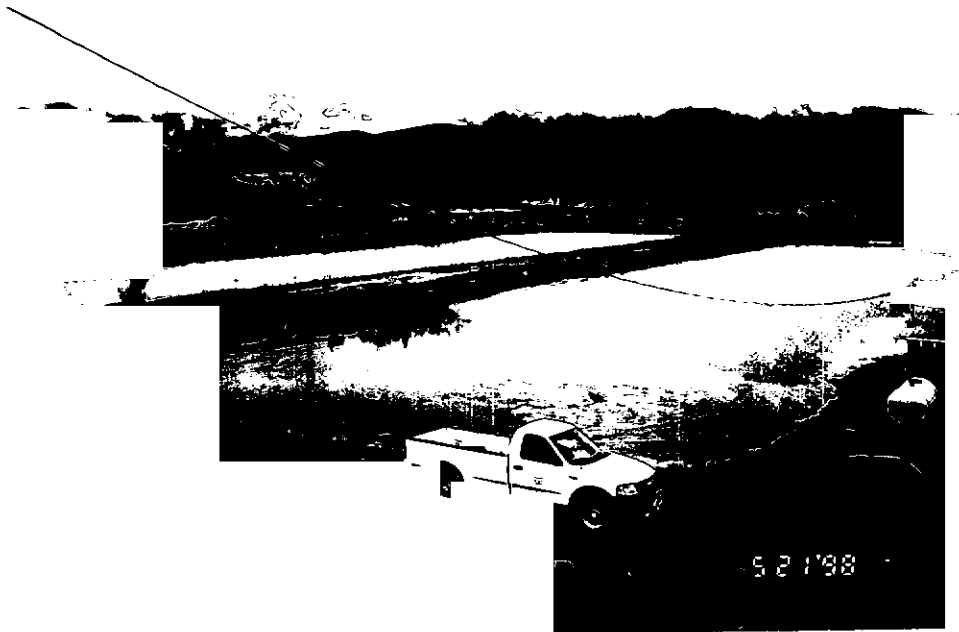
located above storage ponds approx 1/4 mile east
of pond.

PPL(No. 5X23.65 0283 N-1 N N N 92 2



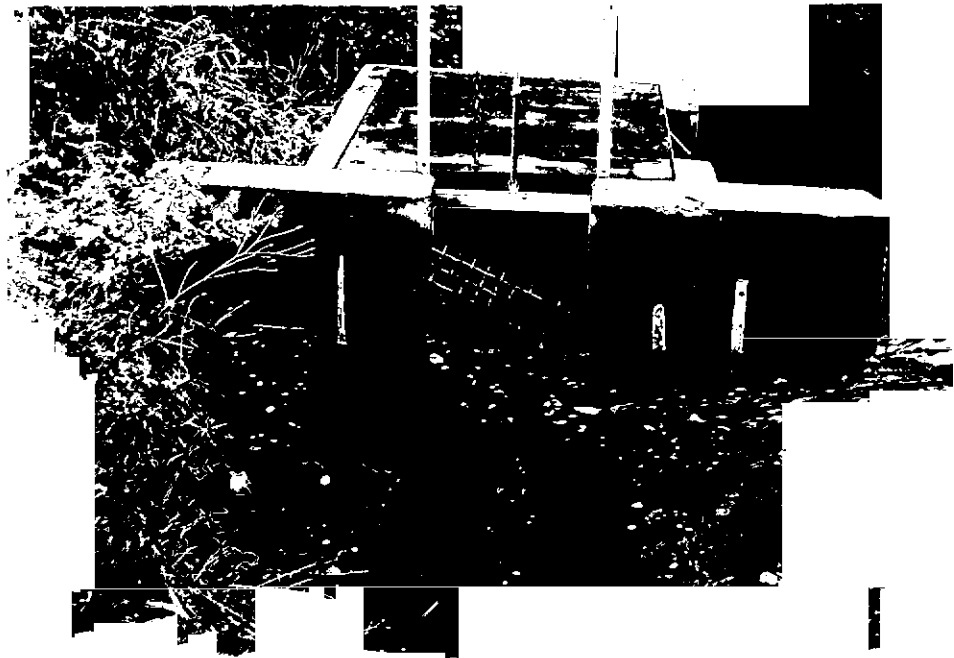
STORAGE POND OF CITY OF SOLMAN

PPL(Nb. 9)33 58 0283 N-1 4 4 4-32 1



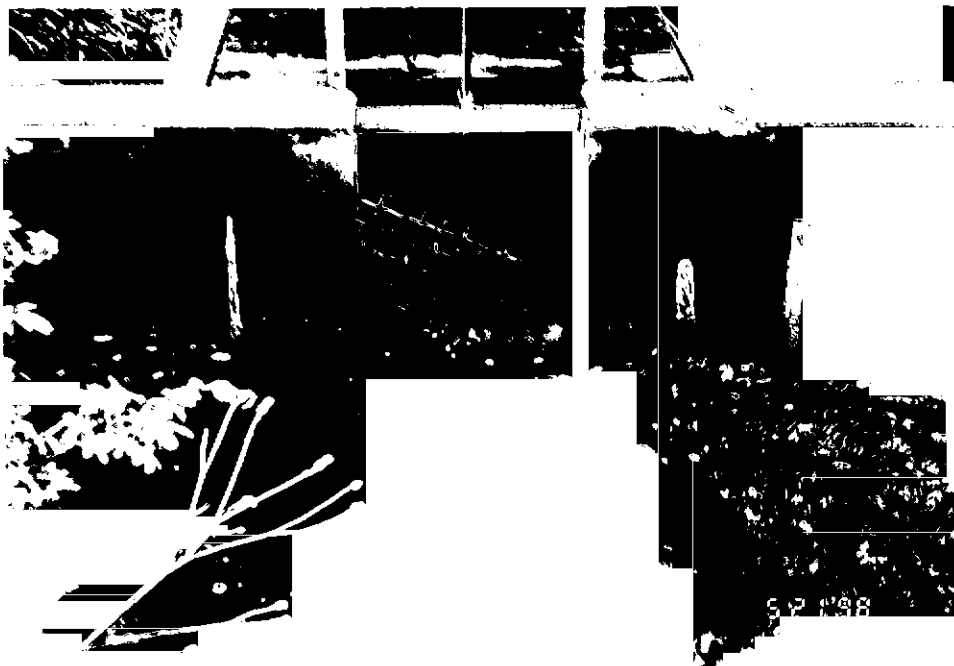
STORAGE POND, City of Salem

PPL No. 3/12/93 0283 N-1 N N-N-08 2



adjustable win at 000 on Teese Creek
City of Salmon

PPL No. 12XCT7 51 0283 N-1 414 N-4N 2



WASTABLE were at POO on Tesso Creek
City of Salmon

FILE NO. 200505060 0283 N-1 N N N-02 2

Photographs received from Bob
Foster in May 1998

W.R. # 75-7563

Memorandum

Date: May 26, 1998

To: Shelly Keen, State Office

ff
From: Bob Foster, Salmon Office

Re: Jesse Creek photos

I have enclosed photographs taken of the City of Salmon's diversion on Jesse Creek. I have also included a brief explanation on the back of the photos. If you need more information or a better explanation of the photo(s), Tim Luke could probably assist you.

RECEIVED
MAY 11 1998
Department of Water Resources

Memorandum

Date: May 05, 1998

To: Shelly Keen

From:  Bob Foster

Re: City of Salmon diversion

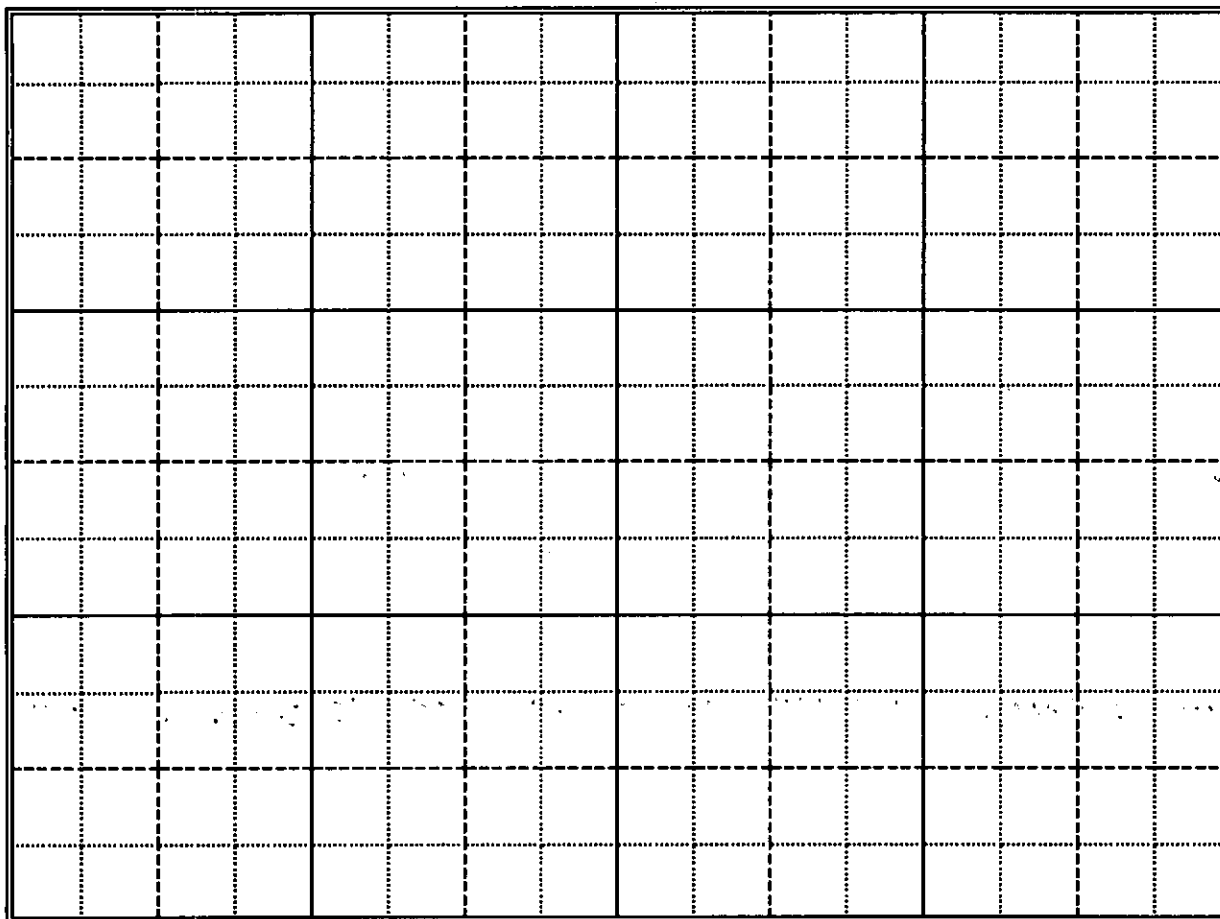
I have enclosed the graph from the City of Salmon showing their water use from the Jesse Creek diversion over a period of six and one-half years. As we had discussed in our telephone conversation, we may still need to determine a method of actually measuring the flow through the pipe delivery system. I will pursue this matter with the Jesse Creek Watermaster and hopefully we can determine a suitable place where we could possibly use a polysonic meter to obtain a measurement.

Overlap Review
Permit 75-07563

Existing Right(s)	cfs	SRBA Claims	cfs
75-00007	4.00	A75-00007	4.00
75-00047A	1.26	comb w/ B into A75-00017	
75-00047B	0.24	comb w/ A into A75-00017	
		A75-00017	1.50
75-00047C	n/a	not a City of Salmon right	
75-00004	1.20	comb w/ 75-00014 into A75-10076	
75-00114	0.50	comb w/ 75-00004 into A75-10076	
		A75-10076	1.70 Total of municipal rights under SRBA claims = 7.2 cfs
75-00046	2.00	comb w/ 75-00018 into A75-10075	
75-00048	0.30	comb w/ 75-00116 into A75-10075	
		A75-10075	2.30 Claim changes source from Jesse Creek to Pollard and Chipps Creeks
75-00049B	0.493	comb w/ 75-00019C into A75-00019E	
75-00049C	1.50	comb w/ 75-00019B into A75-00019E	
		A75-00019E	1.99 Claim changes source from Jesse Creek to Pollard and Chipps Creeks
75-00026A	0.30	A75-00026A	0.30 Claim changes source from Jesse Creek to Pollard and Chipps Creeks

[illegible]

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe I.d. as applicable. *SEE PHOTOS + MAP*



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
<i>N/A</i>					

*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
<i>AA METER</i>				<i>090127</i>		

2. Measurements: *1.61 cfs Recount Lizenmg @ 5.00 cfs*

E. NARRATIVE/REMARKS/COMMENTS

BELOW POND ON JESSIE CREEK, CREEK WATER IS
DIVERTED INTO A 14" DIAMETER BURIED PIPELINE
WHICH SUPPLIES WATER TO 3 STORAGE PONDS; EXCESS
WATER IS DIVERTED BACK TO JESSIE CREEK.

WATER IS DIVERTED TO CITY WATER TREATMENT AS
NEEDED.

APPROXIMATE.
INTAKE ELEVATION 4512
POND ELEVATION 4384
128' DROP

JESSIE CREEK WAS AT LOWEST FLOW TIME OF YEAR AND
HAD NOT RECOVERED FROM 7 YRS OF DROUGHT.

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

F. FLOW CALCULATIONS

Measured Method:

☒ Additional Computation Sheets Attached

$$Q = 1.61 \text{ CFS}$$

STREAM AT LOW FLOW — FOLLOWING DROUGHT YEARS

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

WATER
HIGH [^] STREAM FLOW IN EXCESS OF 5.0 CFS.

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
MUNICIPAL	1/1	12/31	5.0	
Totals:			5.0 CFS	

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. AUTHENTICATIONField Examiner's Name SIMPSON Date 1/30/96Reviewer [Signature] Date 2/7/96

SEAL

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

75-07563

Water Right No.
(if applicable)

Open Channel Discharge Measurement Notes

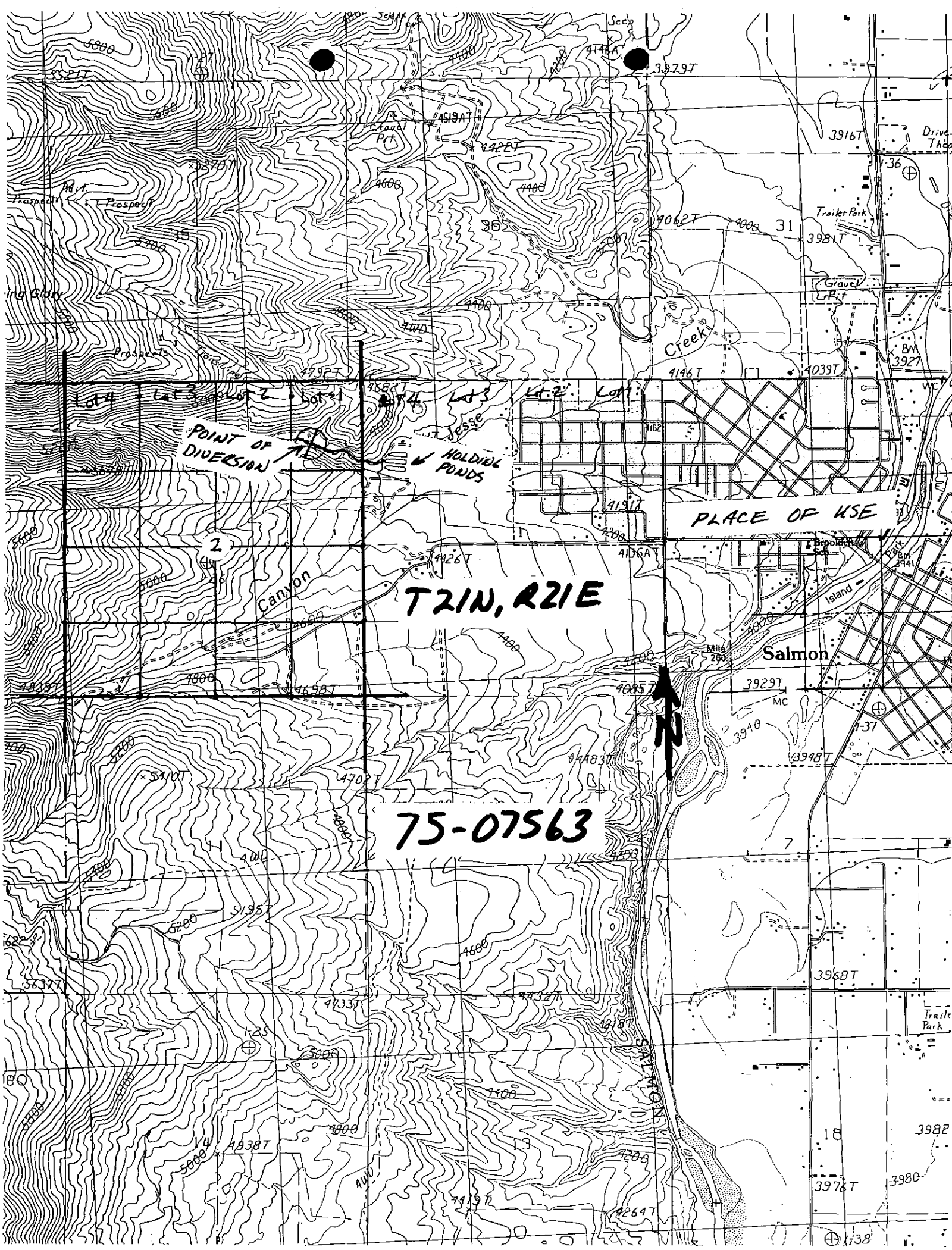
A. GENERAL INFORMATION

- GENERAL INFORMATION
1. Name of stream or ditch: JESSIE CREEK .92
2. Location: S2, T21N, R22E .93
3. Person conducting measurement: DON SIMPKINS .94
4. Date and time of measurement: 1130 HRS 9/20/95 .95
5. Accompanied by: PAUL STOKES .96
6. Measuring device size and ID no.: AA METER .97
7. Spin test before measurement OK? OK after measurement OK? OK .98
8. Purpose of measurement: CITY OF SALMON .99

B. MEASUREMENT DATA

[illegible]

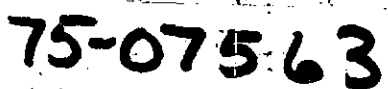
75-07563



T21N, R21E

75-07563

Meridian

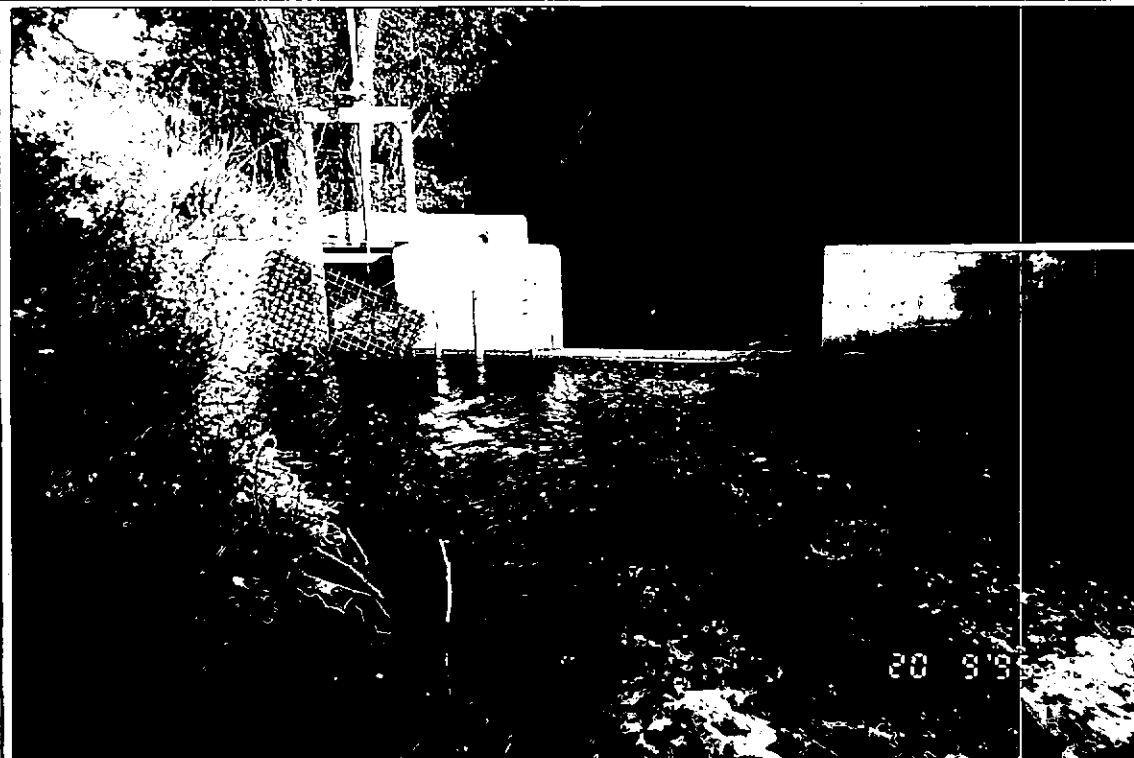


CITY OF SALMON
MUNICIPAL

1 of 2



JESSIE
CREEK
UPSTREAM
OF POINT
OF DIVERSION



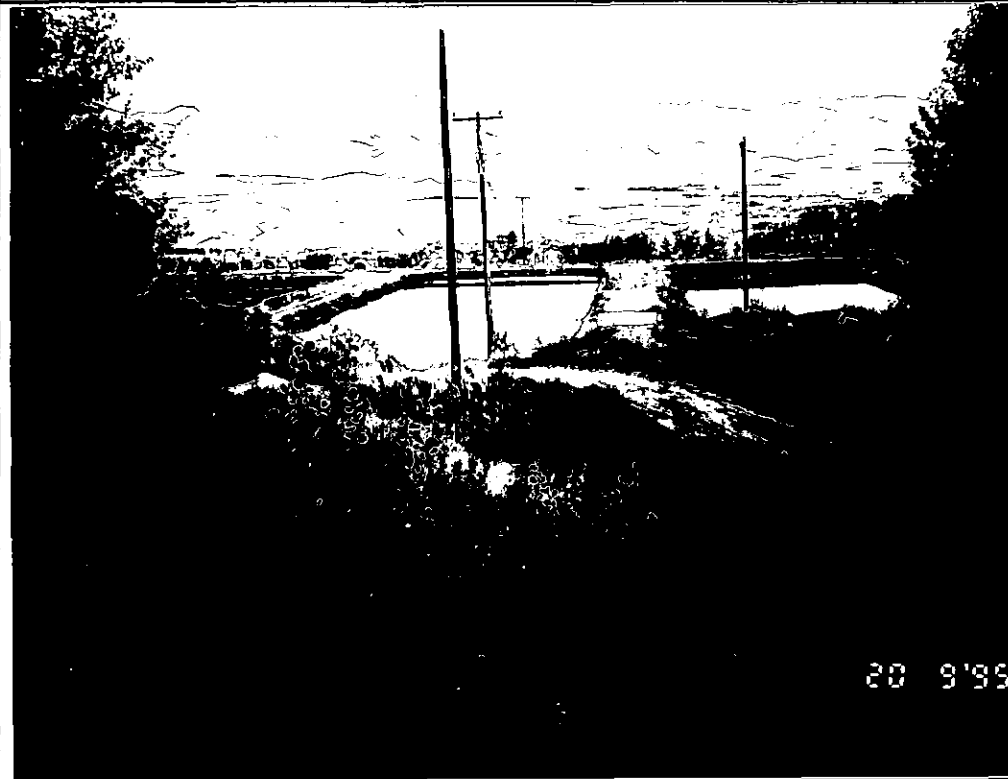
CITY OF
SALMON
MUNICIPAL
WATER
INTAKE ON
LEFT.

POINT OF
DIVERSION

75-07563

CITY OF SALMON
MUNICIPAL

2012



WATER
STORAGE
PONDS
ABOVE
WATER
TREATMENT
PLANT



WATER
TREATMENT
PLANT
ABOVE CITY
OF SALMON

75-07563

Hazen-Williams Equation for Closed Pipe Flow

Assumptions: Head Loss due to bends, couplings, & valves is negligible

$$Q_{cfs} = 1.318 C_h (\pi D^2/4) \times (D/4)^{0.63} \times (H/L)^{0.54}$$

Q = Discharge (cfs)

D = Pipe Diameter (ft) = 1.166 ft

L = Pipe Length (ft) = 1,584 ft

H = Elevation Drop (ft) = 128 ft

C_h = Values for Types of Pipe = 120

150	-Plastic (PVC) > 6"	110	-Riveted Steel
140	-Very Smooth, PVC < 6"	100	-Old Cast Iron
130	-Cast Iron	80	-Badly Corroded Cast Iron
120	-Wood, Concrete, Welded Steel		

$$Q_{cfs} = 1.318 \left(\frac{120}{C_h} \right) \left[\pi \left(\frac{1.166}{D} \right)^2 / 4 \right] \times \left(\frac{1.166}{D} / 4 \right)^{0.63} \times \left(\frac{128}{H} / \frac{1,584}{L} \right)^{0.54}$$

$158.16 \times 1.0677 \times 0.4599 \times 0.257$

Q_{cfs} = 19.95 cfs

ESTMATED PIPE CAPACITY

Permit # 75-07563

April 3, 1992

CITY OF SALMON
200 MAIN ST.
SALMON ID 83467

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 75-07563

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

If you have questions concerning this matter, please feel free to contact the EASTERN Regional Office in Idaho Falls at (208)525-7161.

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

c: IDWR - Region

RECEIVED
MAY 21 1992

ANALYSIS SHEET
FOR
PROOF OF BENEFICIAL USE

Permit No. 75-07563

Reviewed by Klg

Date 3/31/92

GENERAL CONSIDERATIONS

Yes Name same as permit?
Yes Address same as permit?
Yes Proof timely received?
If not, complete calculation below.

TYPES OF USE

Municipal
Correct Uses? Yes

SOURCE OF WATER

✓ Surface water source
 Ground water source

NA Drilling permit required?
 Copy in the file? Drilling Permit No.
 Amount paid for permit Correct?
 Well log in the file?

LICENSE EXAMINATION FEE

Yes Required?
200 Amount Submitted
Yes Correct?

MEASURING DEVICE

Yes Required?
Yes Installed?
NA Waiver requested?

PRIORITY CALCULATION

Date proof received NA
Date proof due -
No. of days late =
Priority Date +
New Priority Date

DEFICIENCIES OR ACTION ITEMS

proof acceptable

DATA ENTRY

New Address

Proof Made 3/31/92 Klg

January 31, 1992

CITY OF SALMON
200 MAIN ST.
SALMON ID 83467

PROOF DUE NOTICE

RE: PERMIT NO. 75-07563

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before April 1, 1992. (See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental agency or by litigation which might bring title to the water in question, more than one extension of time can be granted. An extension of time request form is enclosed for your convenience.

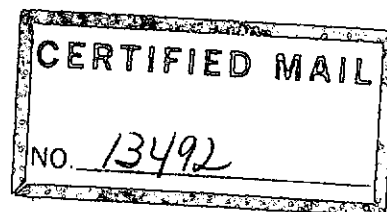
Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the lapse notice, the permit will no longer be of any force nor effect.

SINCERELY,

Karen L. Gustafson
Secretary/Records Manager

Enclosures

RECEIVED
MAY 21 1992





State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

April 17, 1991

CITY OF SALMON
200 MAIN ST.
SALMON, ID 83467

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 75-07563

Dear Permit Holder:

Enclosed is a copy of your approved application for permit. We direct your attention to the conditions of approval on the final page.

Enclosed is a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit. Also enclosed is a form entitled "Proof of Beneficial Use". If your project is already completed you should complete and submit this form immediately.

Be sure to note the special condition requiring you to install a measuring device and lockable controlling works that will enable the watermaster to control the rate of diversion.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:blm

Enclosures

MICROFILMED

JUN 10 1991

Application #: 75-7563
Date: 4-5-91

✓ Existing:

No - 26A-P17

Complete in 1 year - P16

✓ Yes

✓ Proof not submitted - P16

Proof submitted - N/A

Groundwater:

GT. 0.7 cfs - 01G-P03, 01C-P03(existing well)

LT. 0.7 cfs - N/A

Drilling Permit:

Approved w/permit - P99

Not included - 046-P23(All GW, even existing wells)

✓ Location:

✓ Water Districts - WD No. 75-A

✓ Surface water - 005, 005-01H-P01(LT.7 w/pump)

005-01J-P08(GT.7)

Groundwater - P05

Irrigation Districts - 023

Canal Co. Areas - 023

Drainage Districts - 024

Boise Front (63) - 058 (Groundwater)

✓ Swan Falls Flag - (1, Blank or Other)

Trust - 051-052-053-P74(Cons.), 041(DCMI, w/Irr

Non Trust - 048-049 or Irr & Dom)

River Basins:

(Surface Water) Water District Control Condition &....

Boise (63) - 05A & 11E

Payette (65) - 047-P04, 059-P71

Snake (01, 02 & 03) - 11A-P04(01), 061-P07(02/03 No W.D.Cond.)

Use:

Fish Propagation - 06A, 09E-P10 & 010 (Choose One), 042(req.)

002-P06(M.D.), 007(Spec.), 044(Policy 5G)

Power - Use Power Review

Mining - 06A or 010, 09E-P10 & 054(req.)

Storage - 18A-for multiple measuring devices(In WD),

18B-P09(Size)

Rec. & Aesthetic - 027(Non-Consumptive)

Domestic - 021(restricted areas)

✓ Ownership:

✓ Non land owner - 004

Protested:

Agreement - 020

Minimum Stream Flow:

Overlapping uses - 029-P20

✓ Beneficial Use Due Date: - 04-01-1992

Other Conditions Recommended

JUN 10 1991

4-8-91

Dist. for staffing: 12-28-90
Submitted for advertising: 2-1-91

Form No. 202a
4/87

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATIONS FOR PERMIT ANALYSIS SHEET

75-7563

INITIAL REVIEW BY KCW
APPLICANT NAME: CITY OF SALMON

DATE 31 Jan 91

APPLICATION NO. _____

REQUIRED INFORMATION

- ☒ Name (If applicant is a corporation or partnership, names must be provided for the director, officers, & other partners.)
☒ Address
☒ Source (See USGS Quad for names of water sources)
☒ Point of Diversion (10 acres for spring, lot & block descriptions for subdivisions, local name, flow and/or volume)
☒ County
☒ Quantity (flow and/or volume)
☒ Period of Use
☒ Nature of proposed use (Include description of use.)
☒ Description of diverting works
☒ Time required for beneficial use of water
☒ Place of use or acres irrigated
☒ Map
☒ Signature (If applicant is corp. partnership, or municipality, title of signator is required)
☒ Fee
☒ Yes ☐ No* In form to receipt

ADDITIONAL INFORMATION

- ☒ Overlapping place of use (Describe source & relationship to present application on the back.)
☒ Overlapping point of diversion
Yes ☒ No ☐ Field check required
Field check by _____
Yes ☒ No ☐ Field report attached
Yes ☒ No ☐ Critical groundwater area
Yes ☒ No ☐ Groundwater management area
Yes ☒ No ☐ Send dam safety information
Yes ☒ No ☐ Send power requirement letter
Yes ☒ No ☐ Send fish farm requirement letter
Yes ☒ No ☐ Power residency affidavit
Yes ☒ No ☐ Power efficiency form
Yes ☒ No ☐ Within trustwater boundary (If yes, attach trust water supplementary analysis sheet.)
Yes ☒ No ☐ Diversion greater than 5 cfs or 500 ac (If yes, attach large diversion supplementary analysis sheet.)

See reverse side for additional information

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT

Date Received MAR 18 1991
Department of Water Resources

7
PROCESSING ☒ Yes ☒ No In form for advertising
☐ Yes ☐ No Statewide advertising
☒ Yes ☐ No Fee amount, receipt date & No. recorded on application

SEND COPIES TO ☐ Idaho Dept. of Health & Welfare ☐ U.S. BLM
☒ Idaho Dept. of Fish & Game ☐ U.S. Forest Service
☐ Idaho Dept. of Lands ☒ Water District 75-A
☐ Adjudication Bureau Unit ☐ Other

FINAL REGIONAL PROCESSING REVIEW

☒ Yes ☐ No Affidavit of publication received
☒ Yes ☐ No Application published correctly. If not, record action taken.

☒ Yes ☐ No Publication dates & paper, recorded on application
☐ Yes ☒ No Protests received
Final date for protest 3-11-91
☐ Yes ☐ No Protests, dates, resolution of protest, recorded on application
☐ Yes ☒ No Recommendations, attached
☒ Yes ☐ No Measuring device required
☐ Yes ☒ No Access port required
☒ Yes ☐ No Will water be delivered by watermaster? If yes, what Dist. 75-A
☒ Yes ☐ No Special conditions of approval or cover letter below.

See below for additional information
Date of priority recommended 12-3-90
By HWT Date 3-13-91

STATE OFFICE REVIEW

See below for additional information
By _____ Date _____

ADDITIONAL INFORMATION

Condition <0157, <057 75A Jessie Creek

LOCAL PUBLIC INTEREST

Comments received from

<u> </u> City	<u> </u> Idaho Fish & Game	<u> </u> Irrigation District
<u> </u> County	<u> </u> Idaho Health & Welfare	<u> </u> Canal Company
<u> </u> Reservations	<u> </u> Division of Environment	<u> </u> Other <u> </u>

Project impacts/implications report

COMMENTS



IDAHO FISH & GAME

SALMON SUBREGIONAL OFFICE

P.O. Box 1336
Salmon, ID 83467
(208) 756-2271

RECEIVED

FEB 22 1991

Department of Water Resources
Eastern District Office

February 20, 1991

Mr. Harold W. Jones
Water Rights Supervisor
Idaho Department of Water Resources
150 Shoup Ave., Suite 15
Idaho Falls, Idaho 83402

RE: Application 75-7563 - City of Salmon

Dear Skip:

Department personnel have reviewed the water right application submitted by the City of Salmon to appropriate 5 cfs of water from Jessie Creek as a city water source and have no objection to the permit issuance.

Thank you for the opportunity to comment on this matter.

Sincerely,

Gary Power
Regional Manager
Region 7

GP:JRL:dk

cc: U.S. Fish & Wildlife Service
Bureau of Program Coordination
Bureau of Fisheries
Jim Lukens

Cecil D. Andrus / Governor
Jerry M. Conley / Director



Working for wildlife - since 1938

RECEIVED

JUN 10 1991

12-Feb-1991

FRED WALCHLI
WATER DIST 75-A
BOX 1356
SALMON ID 83467

RE: Application No. 75-7563

Dear Watermaster:

Please find enclosed a copy of the above referenced application. Please review the application and submit any comments you may have to our Department as soon as possible. The last date of protest is March 11, 1991, and we are required to take action shortly thereafter.

If we may be of further assistance, please feel free to contact us.

Thank you for your cooperation in this matter.

Respectfully submitted,

Harold Jones
Water Rights Supervisor

HJ/rb
Enclosure

RECEIVED
JUN 10 1991

12-Feb-1991

BILL GROSS
DEPT OF FISH & GAME
BOX 1336
SALMON ID 83467

RE: Application NO. 75-7563

Dear Sir:

We are enclosing a copy of the applications that may be of interest to your department. Please review the applications and submit any comments you may have to our Department as soon as possible. The last date of protest is March 11, 1991, and we are required to take final action shortly thereafter.

If we may be of further assistance, please feel free to contact us.

Respectfully submitted,

HAROLD W. JONES
Water Rights Supervisor

HWJ/rb
enc.

PROCESSED
JUN 10 1991

11-Feb-1991

CITY OF SALMON
200 MAIN ST
SALMON ID 83467

RE: Application No. 75-7563

Dear Water Right Applicant:

The Department of Water Resources acknowledges receipt of your water right permit. This office is currently in the process of advertising the application in RECORDER-HERALD on February 21 & 28, 1991, 1991. The advertisement will be published for two consecutive weeks, and a period of ten days following the second publication will be allowed for the submittal of protests.

If the application is protested, you will be sent a copy of the protest. The protest must be resolved before the application is approved or denied. If the protest is not resolved voluntarily, this Department will conduct a conference and/or hearing on the matter.

If the application is not protested, it will be forwarded to our state office in about five weeks. State office personnel will conduct a complete review prior to final processing of the application and will notify you of the outcome of this review. When a permit is issued, you will be sent a copy. A typical processing time for an unprotested application is about eight weeks.

Please feel free to contact this office if you have any questions regarding this procedure.

Sincerely,

HAROLD W. JONES
Water Rights Supervisor

HWJ/rb

RECORDED
JUN 10 1991

75-07563

CITY OF SALMON
200 MAIN ST.
SALMON, ID 83467

Source: JESSIE CREEK

Tributary: SALMON RIVER

Diversion Pt: LOT 3 (NENW) Sec 2 T 21N R 21E

Use: MUNICIPAL (5.000 CFS)
Total Diversion: (5.000 CFS)

Date Filed: 12/ 3/ 1990

In: *Used within City Limits*

MA
JUN 10 1991

09 January 1991

City of Salmon
200 Main Street
Salmon, Idaho 83467

RE: Application for Permit diversion from Jesse Creek

Dear Mayor:

Enclosed is a copy of an application for permit that was submitted to this office. Several errors require that changes be made so that the application can be processed.

The following items need changes:

Item #3 - Legal Description needs only the 1/4-1/4. Legal Description appears to be incorrect, see enclosed map and copy of application map.

Item #4 - If water enters municipal system then use would be MUNICIPAL.

Item #6a - System description is confusing. Does water enter the municipal system?

Item #7 - If system already in place use 1 year. If system will be installed indicate how long it will take to complete the system (1 to 5 yrs).

Item #9b - Add "USE IS WITHIN THE CITY LIMITS OF SALMON"

Item #13 - Map shows:

1. Point of diversion - NW1/4NE1/4 Sec 1

Item #3 shows:

1. Point of diversion - SE1/4NW1/4 Sec 1

(NE1/4SE1/4NW1/4 Sec 1)

Copy of USGS Map does not agree with either Item #3 or Item #13.

Please review the copy of the application then call this office on or before 25 January 1991, so that the changes can be made.

Your prompt response will be appreciated.

Sincerely,

Keith C. Wilson
Senior Resource Agent

RECEIVED

JUN 10 1991