

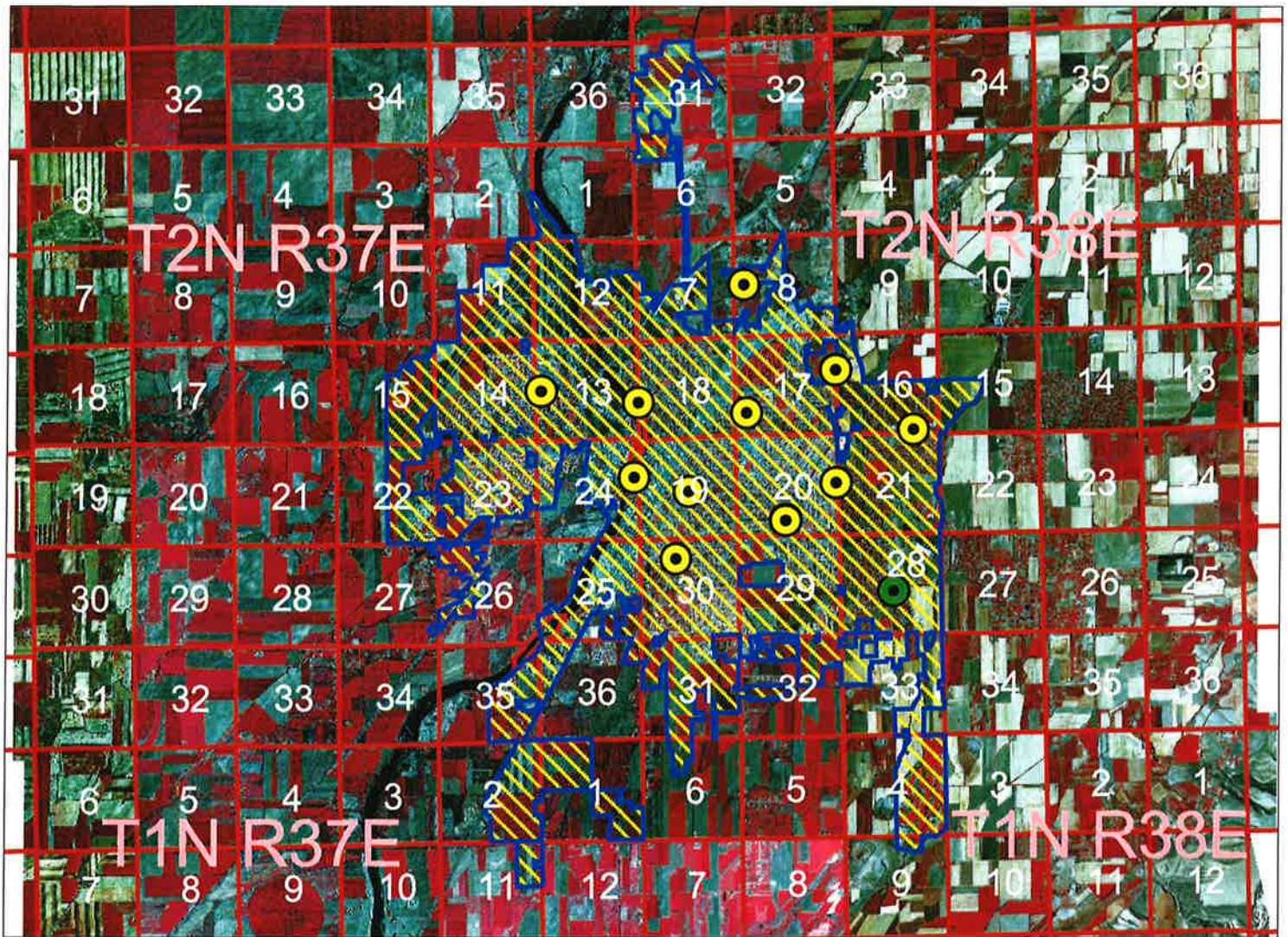
IDAHO DEPARTMENT OF WATER RESOURCES
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

SEP 214 2004



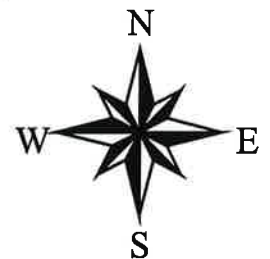
Department of Water Resources

Claim No.: 25-07298



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● Point of Diversion

 Place of Use
 Sections

GIS Place of Use Illustration
1987/88 NAPP Photography
Prepared by M. Holliday
Date: April 2004

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE
WATER RIGHT NO. 25-07298

Priority: December 23, 1982

Maximum Diversion Rate:

3.35 CFS

This is to certify, that CITY OF IDAHO FALLS
PO BOX 50220

IDAHO FALLS ID 83405 has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated December 23, 1982; and has submitted Proof of Beneficial Use on January 27, 1992. An examination indicates that the works have a diversion capacity of 4.900 cfs of water from a GROUNDWATER 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>
MUNICIPAL	01/01 to 12/31	3.35 CFS	

LOCATION OF POINT(S) OF DIVERSION:

NWSE, Sec. 28, Township 02N, Range 38E
BONNEVILLE County

PLACE OF USE: See Remarks

CONDITIONS/REMARKS:

1. This water right is appurtenant to the described place of use.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
4. The issuance of this right in no way grants any right-of-way or easement across the land of another.
5. The use of water under this right shall not give rise to any claim against the holder of a senior water right based upon the theories of forfeiture, abandonment, adverse possession, waiver, equitable estoppel, estoppel by laches or customary preference.
6. The Director retains jurisdiction of the right and any license subsequently issued to incorporate the use into a water district, require streamflow augmentation or other action needed to protect prior surface water and groundwater rights.
7. Place of use is located within the city limits of Idaho Falls.

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 28th day of January, 1993.

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Acting for R. Keith Higginson, Director

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

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Department of Water Resources

A. GENERAL INFORMATION

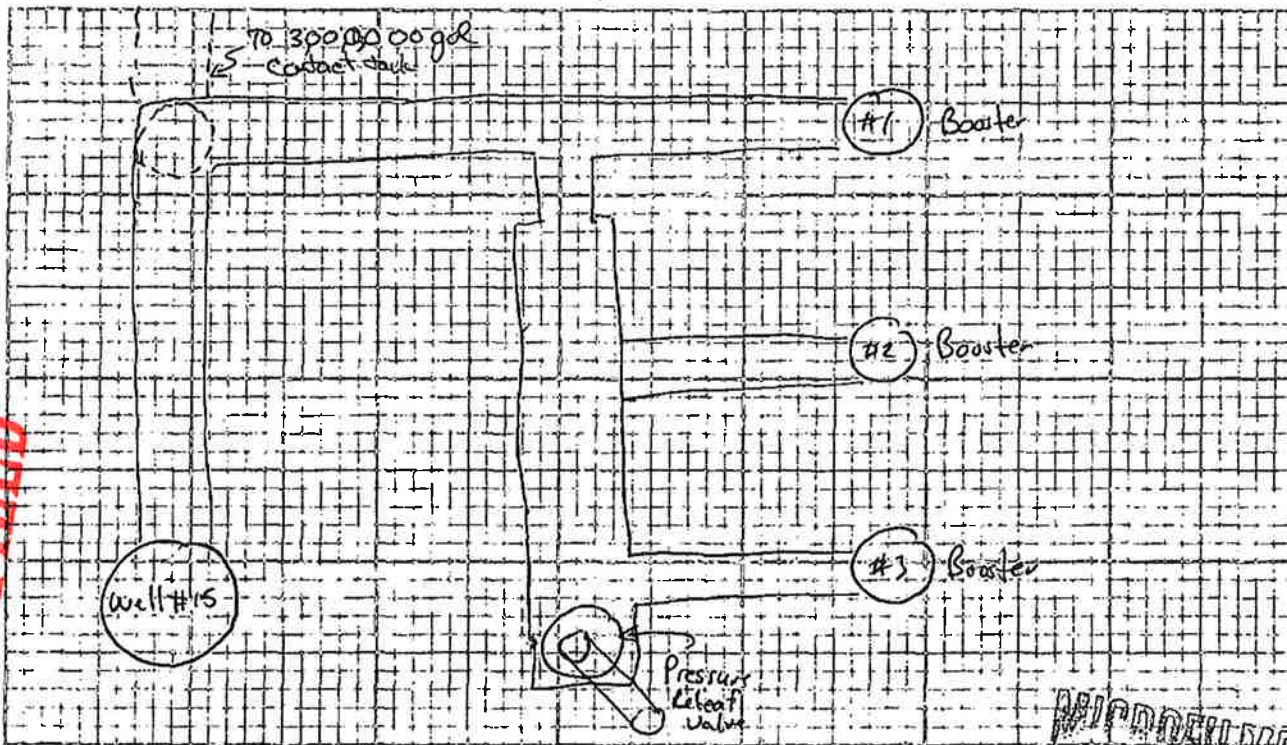
1. Owner: City of Idaho Falls. Permit No. 25-7298/7398
Current Address: P.O. Box 50220 Idaho Falls 83405 Phone No. 529-1250
2. Accompanied by: Carol Arnold / Bob Drollinger EXAM. DATE: 7-28-1992
Address: P.O. Box 50220 Idaho Falls Id 83405 Phone No. 529-1471/1472
Relationship to Permit Holder: Water Dept. Supt. / operator
3. Source: GROUNDWATER tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: SEE ATTACHED PAGE ☐ Copies Attached
2. Other water rights with same point of diversion: 25-7298 / 25-7398 ☐ 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



Scale: 1" = _____

2. ☐ Copy of U.S.G.S. 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 or more).
☐ Photo of Diversion and System Attached (required for all but single household domestic groundwater, and stockwater).

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System Description (continued)

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

well #15 to 3 million gal contact tank mainline to three bores to mainline to municipal water supply

2200gpm from computer. First act

☐ 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
#15 Well	US Motors	150	9402222-920 R2117968 K0480495	Quora	V82-71877
Booster #3	US Motors	150	9402217-920 K0460549 R2117960	Quora	V84-75061
Booster #2	US Motors	100	9402220-920 R2117969 K0460550	Quora	V84-75060
Booster #1	US Motors	50	9402219-920 R2117959 K0460547	Quora	V84-75059

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

5. Point(s) of Diversion:

[illegible]

6. Place(s) of Use: within City Limits of Idaho Falls Indicate Method of Determination

[illegible]

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Do not use this space

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Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

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

2. Measurements:

2200 gpm = 4.90 cfs

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method:

Q = 4.90 cfs

25-7298 @ 3.35 cfs
25-7398 @ 1.55 cfs

2. Alternate Method for Checking Purposes:

Q_{TOTAL} = 4.90 cfs

F. PUMP EFFICIENCY DATA (Optional)

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

Total Head: (1) + (2) = _____ (3); Flow rate: _____ cfs (4)

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:

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

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

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

2. Volume Calculations for Other Uses:

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Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Municipal	1/1	12/31	3.35 cfs	
Totals:			3.35 cfs	

☐ 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

Field Examiner's Name KEITH C. WILSON
Signature Keith C. Wilson
Certification Date _____
Field Report Preparation Date _____

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

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

25-7298 / ~~7348~~
Permit No.

Measurement Calculations

hp = 150 hp assume 70% eff
Lift = 85' psi = 60 psi

$$Q = \frac{hp (8.814) \text{ eff}}{\text{Lift} + (\text{psi} \times 2.308)} = \frac{150 (8.814) (.7)}{85 + (60 \times 2.308)} = 4.14 \text{ cfs} = 1858$$

② 83% eff

$$Q = \frac{150 (8.814) (.83)}{85 + (60 \times 2.308)} = 4.91 \text{ cfs} = 2204 \text{ gpm}$$

at Time of Exam pressure @ 54 psi assume 80% eff

$$Q = \frac{150 (8.814) (.8)}{85 + (54 \times 2.308)} = 5.04 \text{ cfs} = 2264 \text{ gpm}$$

③ 77.7% eff and steps

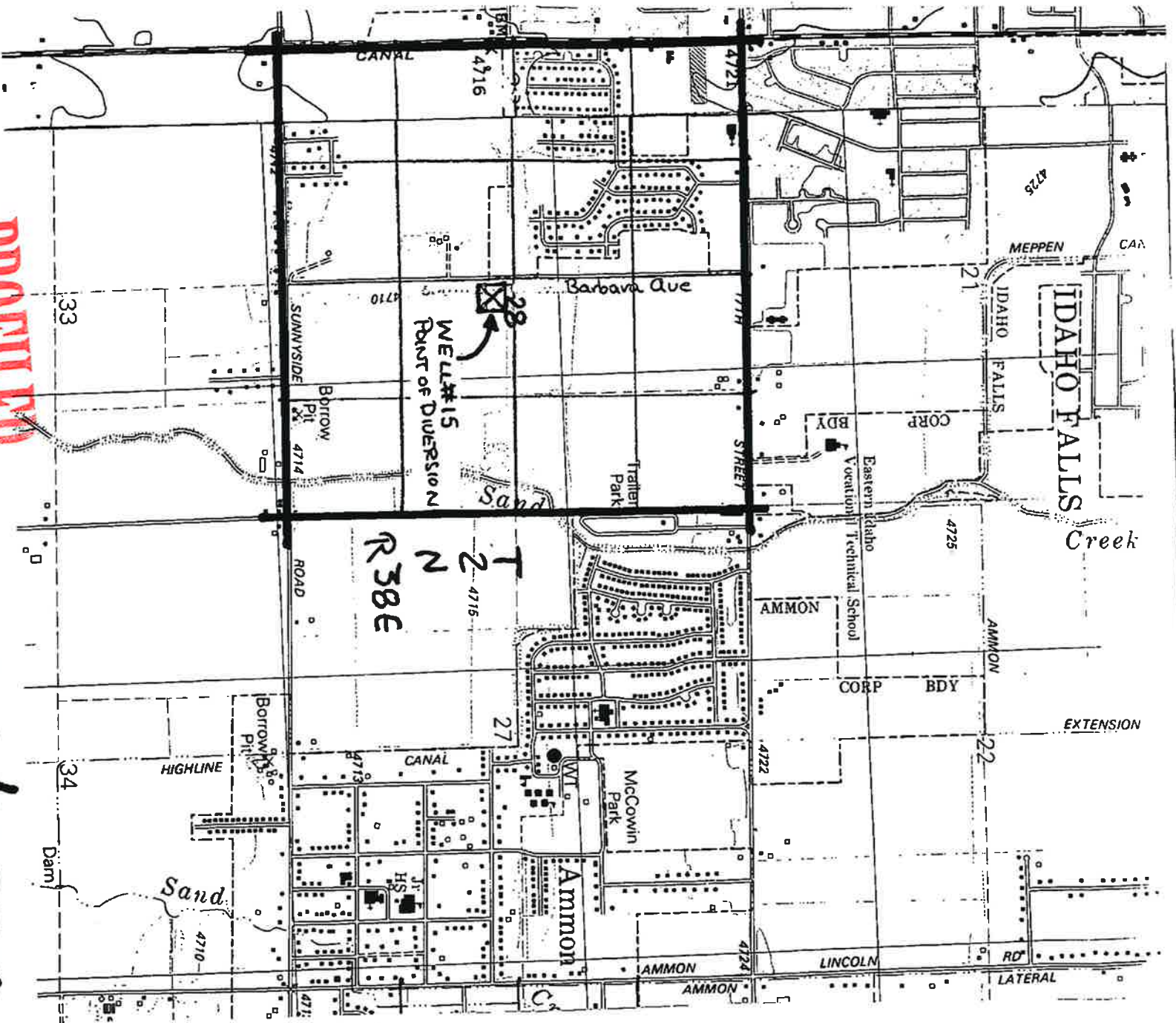
$$Q = \frac{150 (8.814) (.777)}{85 + (54 \times 2.308)} = 4.90 \text{ cfs} = 2199 \text{ gpm}$$

∴ Recommend 4.90 cfs total flow Rate

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25-7298/25-7398

SEP 24 2004

FEB 17 1993

Please see paper file A25-02095 for field notes regarding City of Idaho Falls water rights.

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AUG 01 2001

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,
IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM.

CIVIL CASE NUMBER: 39576

Ident. Number: A25-07298
Date Received: 9/27/1989
Receipt No: E010426
Received By: C. Lee

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: CITY OF IDAHO FALLS
Address: %HOLDEN, KIDWELL, HAHN & CRAPO
P.O. BOX 50130
IDAHO FALLS, ID 83405

208-523-0620

A2507298

2. Date of Priority: DEC 23, 1982

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
02N	38E	29		NW	SE		BONNEVILLE

5. Description of diverting works:
WELL AND PUMP

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
MUNICIPAL	01/01	12/31	3.350		

7. Total Quantity Appropriated is:
3.350 C.F.S. (and/or) A.F.A.

8. Total consumptive use is 2109.0 Acre Feet Per Annum.

9. Non-irrigation uses:
PART OF MUNICIPLE WATER SUPPLY FOR CITY OF IDAHO FALLS

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
02N	37E	11				MUNI	
		12				MUNI	

A25-07298

Page 1

Date: 09/27/89

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10. Place of Use: Continued

Township	Range	Section	1/4 of 1/4	Lot	Use	Acres	
02N	37E	13			MUNI		
		14			MUNI		
		15			MUNI		
		23			MUNI		
		24			MUNI		
		25			MUNI		
		38E	7			MUNI	
			8			MUNI	
			16			MUNI	
			17			MUNI	
	18				MUNI		
	19				MUNI		
	20				MUNI		
	29				MUNI		
	30				MUNI		

added Sec 16, 21, 28

11. Place of use in counties: BONNEVILLE

12. Do you own the property listed above as place of use? YES

13. Other Water Rights Used:
35-7001/7841, 25-2142/2143/2095/7022/7058.

14. Remarks:
PLACE OF USE IS WITHIN CITY LIMITS OF IDAHO FALLS.

15. Basis of Claim: PERMIT

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLSIN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEMCIVIL CASE NUMBER: 39576
Ident. Number 25-7298
Date Received 6010426
Receipt NumberRECEIVED
SEP 13 1989NOTICE OF CLAIM
TO A
WATER RIGHT
ACQUIRED UNDER STATE LAW Department of Water Resources
Eastern District Office

1. Name of Claimant(s) City of Idaho Falls Phone (208) 523-0620
% Holden, Kidwell, Hahn & Crapo
Mailing Address P.O. Box 50130, Idaho Falls, Idaho Zip 83405
2. Date of Priority (Only (1) per claim) December 23, 1982
3. Source of water supply (a) Groundwater
which is tributary to (b) _____
- 4.a. Location of existing
point of diversion is: Township 2N. Range 38E. Section 29 ,
1/4 of NW 1/4 of SE, Govt. Lot, _____ B.M., County of Bonneville
Additional points of diversion if any: _____
- b. If instream flow, beginning point of claimed instream flow is:
Township _____ Range _____ Section _____, _____ 1/4 of _____ 1/4 of _____ 1/4,
Govt. Lot _____ B.M., County of _____
ending point is: Township _____ Range _____ Section _____, _____ 1/4 of
_____ 1/4 of _____ 1/4 Govt. Lot _____ B.M., County of _____
5. Description of existing diversion works (Dams, Reservoirs, Ditches,
Wells, Pumps, Pipelines, Headgates, Etc), including the dates of any
changes or enlargements in use, the dimensions of the diversion works as
constructed and as enlarged and the depth of each well. Well and pump.

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6. Water is claimed for the following purposes:

(Both dates are inclusive) (cfs) (acre feet)

For Municipal purposes from 01/01 to 12/31 amount 3.35 or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or

For _____ purposes from _____ to _____ amount _____ or

7. Total quantity claimed (a) 3.35 (cfs) and/or (b) _____ (acre feet)

8. Total consumptive use claimed is 2109 acre feet per annum.

9. Non-irrigation uses; describe fully (eg. Domestic: Give number of households served; Stockwater: Type and number of livestock Etc.)
Part of municipal water supply for City of Idaho Falls.

10. 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 use (example: D for Domestic) in the corresponding place of use below. See instruction for standard symbols.

[illegible]

Total number of acres irrigated N/A

11. In which county(ies) are lands listed above as place of use located?
Bonneville

12. Do you own the property listed above as place of use? Yes X No
If your answer is No, describe in Remarks below the authority you have
to claim this water right.

13. Describe any other water rights used at the same place and for the same purposes as described above.

25-2095, 25-2142/35-3020, 35-2143, 35-7001, 25-7022/35-7207, 25-7058,
35-7841 & 25-7398 or None ()

14. Remarks:

Last Name City of Idaho Falls Ident No. 25-7298

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T.2N.,R.37E. T.2N.,R.38E.

POINT OF DIVERSION

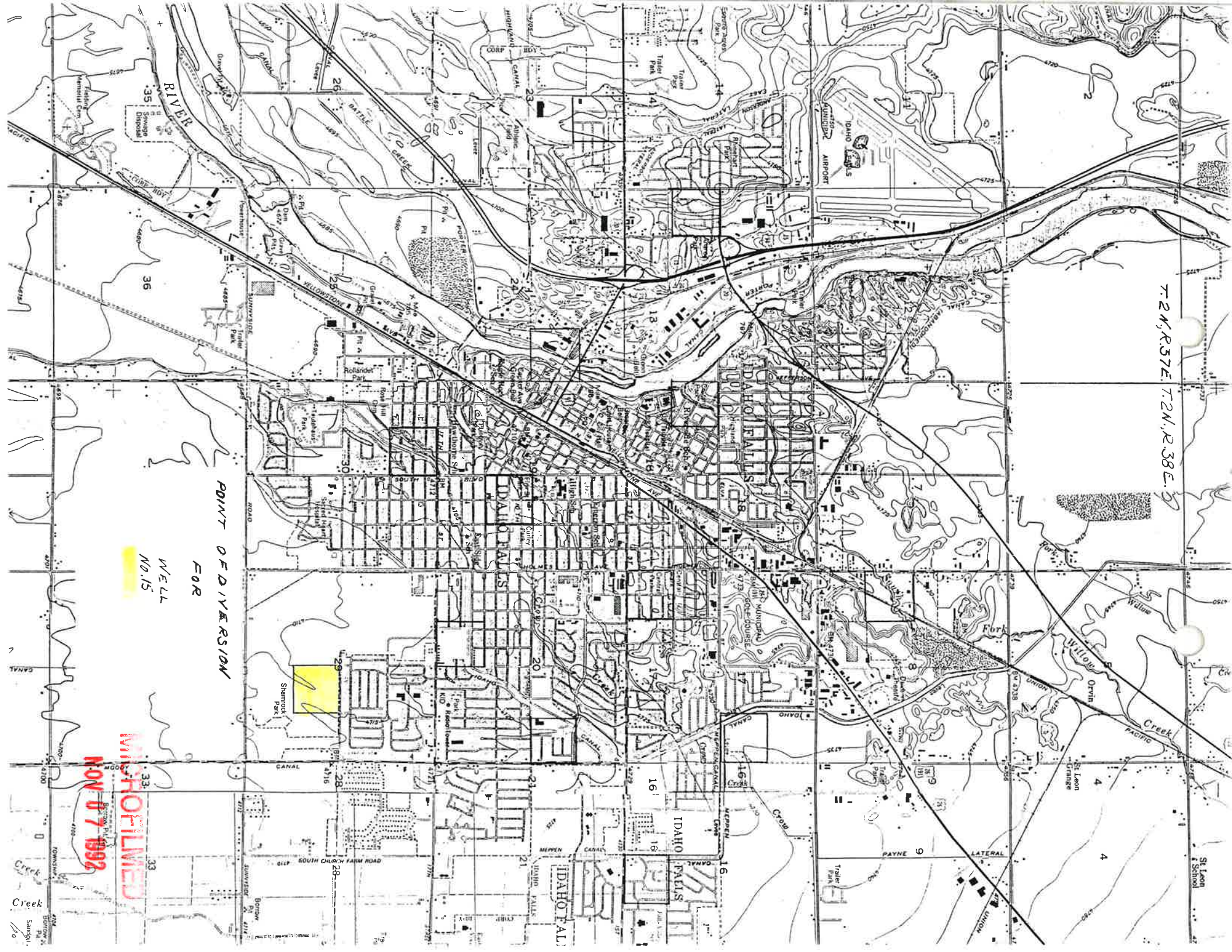
FOR

WELL

NO.15

UNPROLIMED

NOV 07 1992



15. Basis of Claim (Check one) Beneficial Use ☐ Posted Notice ☐
Permit ☒ Decree ☐ License ☐

If applicable provide IDWR Water Right Number 25-7298
Court _____ Case Number _____ Decree Date _____
Plaintiff vs Defendant _____

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read, and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do ☐ do not ☒ wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments 2

For Individuals: I do solemnly swear or affirm that the statements contained in the foregoing document are true and correct.

Signature of Claimant(s) _____ Date _____
_____ Date _____

For Organizations: I do solemnly swear or affirm that I am Mayor of City of Idaho Falls, that I have signed the
Title Organization

foregoing document in the space below as Mayor
Title
of City of Idaho Falls and that the statements contained in the
Organization

foregoing document are true and correct.

Signature of Authorized Agent Thomas Campbell
Title and Organization Mayor, City of Idaho Falls Date 09/12/89

State of Idaho/or _____)
County of Bonneville) SS.

Subscribed and sworn (or affirmed) before me this 12th day
of September, 1989.

Notary Public [Signature]
Residing at Idaho Falls, Idaho
My Commission Expires 11/10/92

17. Notice of Appearance:

Notice is hereby given that I, Kent W. Foster will be acting as attorney at law on behalf of the claimant signing above, and that all notices required by law to be mailed by the director to the claimant signing above should be mailed to me at the address listed below.

Signature [Signature]
Address P.O. Box 50130, Idaho Falls, Idaho 83405
Date 09/12/89

Last Name City of Idaho Falls Ident. Number 25-7298

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NOV 07 1992