

**STARTING
LEFT
SIDE OF
FILE**

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 45-07686

Proposed Priority: February 11, 1991 Maximum Diversion Rate: 1.75 CFS

This is to certify, that CITY OF BURLEY
PO BOX 1090
BURLEY ID 83318

has applied for a permit to appropriate water from: GROUNDWATER
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	1.75 CFS

LOCATION OF POINT(S) OF DIVERSION: SWSENE Sec. 20, Township 10S, Range 23E
CASSIA 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 October 1, 1992.
2. Subject to all prior water rights.
3. A flow measurement port or other device as specified by the Department shall be installed by the permit holder to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.
4. Any license issued by IDWR pursuant to the permit or portion thereof for the use of trust water is subject to a term review of 20 years after the date of this approval to determine availability of water for the use and to re-evaluate the public interest at the end of the term.
5. Diversion and use of water under this permit is subject to an annual use fee if rules are subsequently promulgated which provide for the submittal of the fee.
6. The Director retains jurisdiction of the permit and/or subsequent license issued to change, add or remove any requirement as determined to be appropriate.
7. Place of use is within city limits of Burley.

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

27th day of September, 1991.

R. Keith Higginson
for R. Keith Higginson, Director

SCANNED

SEP 25 2001

OCT 03 1991

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Form 202
6-785

FEB 14 1991

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No. 45-07686

Department of Water Resources To appropriate the public waters of the State of Idaho
Southern Region Office

1. Name of applicant City of Burley Phone 208-678-2103
Post office address P.O. Box 1090 Burley, Idaho 83318

2. Source of water supply ground water which is a tributary of N/A

3. Location of point of diversion is SW SE NE *
SE SW NE * 1/4 of 1/4 of Govt. Lot

Sec. 20 Township 10 S Range 23 E B.M. Cassia County; additional

points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 1.75 for Municipal purposes from 4-1 to 11-1 (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) 1.75 and/or (b) _____
cubic feet per second acre feet per annum

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Well, Pump & 6" Pipe line to
City's irrigation system

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 20 inches; proposed depth of well is 100 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 years (minimum 1 year).

* Edited per telecon w/ Ron Neiwert, City Engr, City of Burley
2/12/91 by DRJ.

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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. _____
- b. Stockwatering; list number and kind of livestock. _____
- c. Municipal; show name of municipality. City of Burley - Burley, Idaho 83318
- d. Domestic; show number of 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.

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
10 S	23 E	20																	
		29																	

Total number of acres to be irrigated _____

10. Describe any other water rights used for the same purposes as described above. #45-7436 #45-4096
#45-4095 #45-4094 #45-4093 #45-4092 #45-4091 #45-4090 #45-4089
11. a. Who owns the property at the point of diversion? City of Burley
- b. Who owns the land to be irrigated or place of use? City of Burley & it's residents
- 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: Bob Denton
409 W. Lincoln Paul, Idaho will be drilling the well.

P/O within City Limits of Burley

OCT 03 1991

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Frank Brennan Mayor
(Applicant) City of Burley

Received by MB Date 2-11-91 Time 10:50 am Preliminary check by J. P. Stanton
Fee \$ 65⁰⁰ Receipted by JRS # 5013003 Date 2/12/91
Publication prepared by M. Baldwin Date 4-10-91 Published in So. ID. Press
Publication approved M. Baldwin Date 5-16-91

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:

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SOUTH IDAHO PRESS
BURLEY, IDAHO

AFFIDAVIT OF PUBLICATION

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MAY 16 1991

Department of Water Resources
Southern Region Office

County of Cassia, }
STATE OF IDAHO } ss.

MONIQUE JONE being first
duly sworn, deposes and says that She
is the CLERK of the South
Idaho Press, a daily newspaper published
at Burley, Idaho, in the county aforesaid
and that the paper is of general circulation
therein. Deponent further states that the
printed notice attached hereto was duly
published according to law in the regular
editions of The South Idaho Press for two
consecutive weeks, commencing with the
issue dated May 3 19 91, and
ending with the issue dated May 10,
19 91. Monique Jones

STATE OF IDAHO }
COUNTY OF CASSIA }

On this 15 day of May in the year of 1991, before me,
a Notary Public, personally appeared Monique Jones,
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.

Dolores Mabe
Notary Public for Idaho
Residing at Burley ID
My commission expires: 2/4/92

Cost of Publication: 23.70
Notary Fee: 50
Total Cost: 24.20

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OCT 03 1991

OK
mb
5-16-91

91-188
**NOTICE OF APPLICATION FOR
WATER RIGHT**

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

45-07686
CITY OF BURLEY EXHIBIT
P.O. BOX 1090
BURLEY, ID 83318

Source: GROUNDWATER
Diversions Pt: SWSENE Sec 20 T 10S R
23E

Use: MUNICIPAL (1.750 CFS)
Total Diversion: (1.750 CFS)

Date Filed: 2/11/1991

In: Within city limits of Burley, ID.

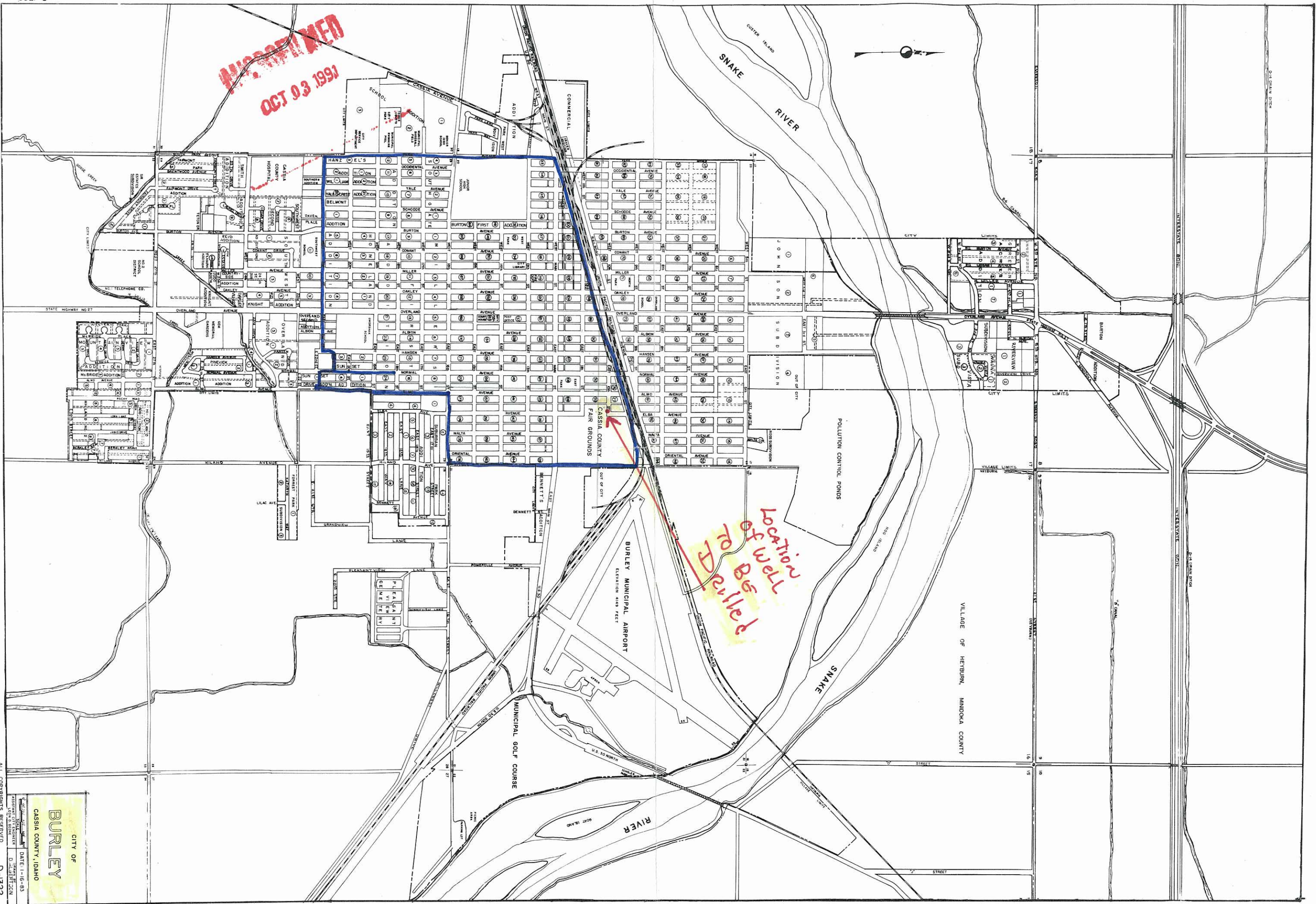
The permit(s) will be subject to all prior
water rights. Protests must be filed with the

Director, Dept. of Water Resources, Southern
Region, 222 Shoshone Street East, Twin Falls,
Idaho 83301 on or before MAY 20, 1991.

R. KEITH HIGGINSON, Director

Published in the South Idaho Press on May 3,
10, 1991

APPROVED
OCT 03 1991



CITY OF
BURLEY
CASSIA COUNTY, IDAHO
DATE: 1-16-83
DRAWN BY: D. J. BROWN
CHECKED BY: D. J. BROWN
ALL COPYRIGHTS RESERVED

45 07486

**STARTING
RIGHT
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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

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OCT 02 1996

Department of Water Resources

A. GENERAL INFORMATION

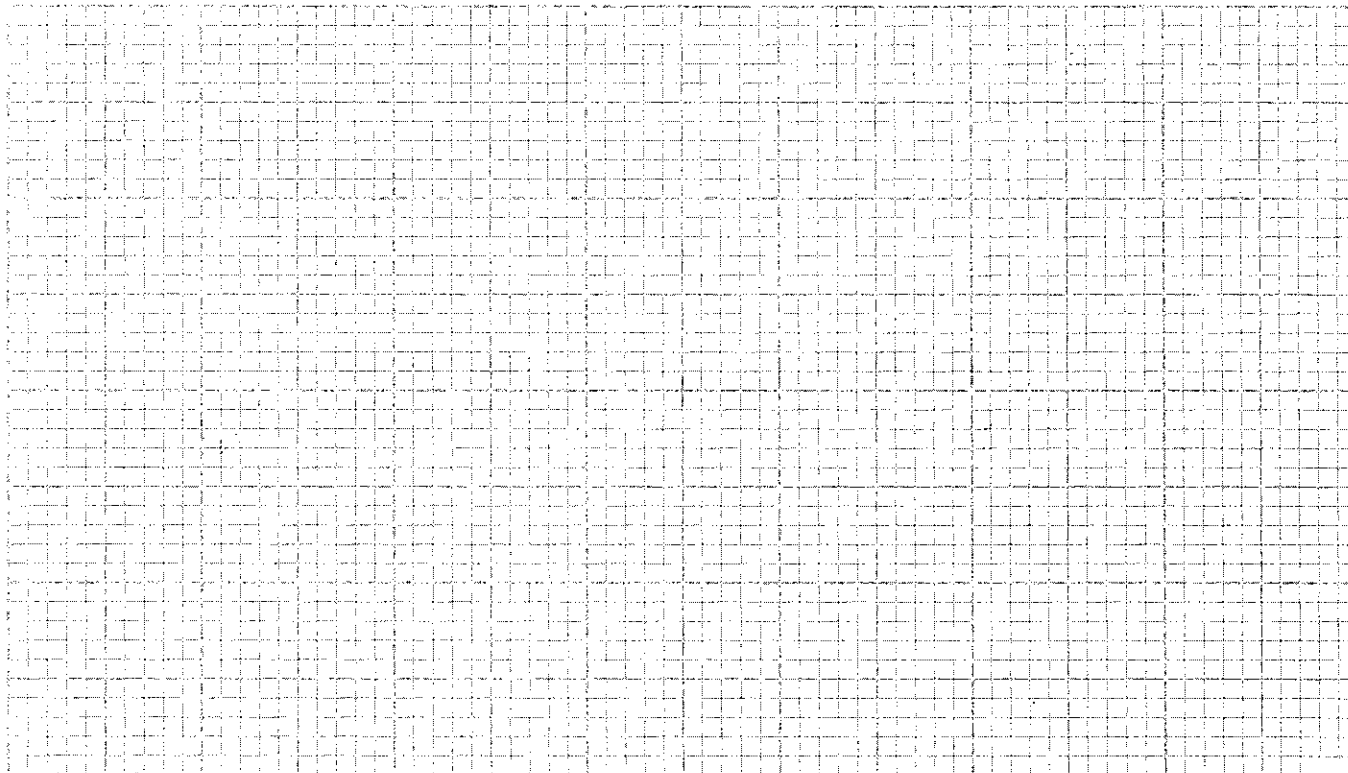
1. Owner: City of Burley Permit No. 45-07686
Current Address: PO Box 1090, Burley, ID 83318 Phone No. 678-2538
2. Accompanied by: Jess Mabry EXAM. DATE: 8-6-96
Address: Same Phone No. 678-2103
Relationship to Permit Holder: Water supervisor
3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: A45-04093 to 4096, 7436, 11133 (this last claim is tied into the system, but mainly used around the high school) ☐ Copies Attached
2. Other water rights with same point of diversion: _____ ☐ 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" = _____

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SEP 25 2001

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).

System Description (continued)

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

Well, motor, pump, 6" mainline to portion of Buley. Five other wells also tie into this system. Well is at the site of an old storm drain that was pumped into the system until it was replaced with the well a couple of years ago. Provides irrigation water only - no drinking water.

☐ 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
	Fairbanks Morse	25	273400	Layne & Bowler	D36430

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

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

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
		SW	SE	NE	20	10S	23E	Cassia	Quadr map

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

Indicate Method of Determination _____

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	

TO: Doug Jones

DATE: August 9, 1996

FROM: Jim Stanton

SUBJECT: Request for Claims Investigation, City of Burley

I recently completed the licensing exam on Permit 45-07686. This permit covers one well at the fairgrounds. However, this well is also tied into five other wells that provide irrigation water only for the central part of Burley. These other wells are covered by Claims A45-04093 thru 4096, 7436, and 11133. The latter claim is for a well located southwest of the high school. While this well is tied into the system, it is normally used only around the school. Other city wells are covered by separate claims for other uses or for different parts of town.

I talked to Shelley Keen after doing the exam, as I thought maybe the use should be changed to irrigation instead of municipal. He thought that municipal is the correct use, however. He also felt that the other wells in this system should be described in the license for 7686, at least in terms of system pumping capacity. Since all of these other wells but one is based on beneficial use, they all need to be measured. Also, evidence of priority needs to be examined to make sure these other wells are legal (pre-1963 development).

This system shuts down for the winter as soon as the frost hits in late September. With the hot weather occurring now, this is the ideal time to measure these wells. So please schedule these measurements as soon as possible if you can. If necessary, I can make the measurements. Thanks.

WALL THICKNESS
0.2299 IN

WALL THICKNESS
0.1875 IN

INNER LINING
? NO LING.

KIND OF FLUID
? WATER

SENSOR MOUNTING
? U

TYPE OF SENSOR
? SMALL

DATA CHANGE
? NO

SPACING
4.995 IN U

08-06 13:5900 *R
+258.624E 0GPM

08-06 13:5900 *R
+262.058E 0GPM

08-06 14:0000 *R
+238.283E 0GPM

ZERO MODE
ZERO OPR

08-06 14:0200 *R
+002.10 % AI2

MODE SELECT
T0 CHECK

0234.3 MMSEC
095.83 % T0

0234.3 MMSEC
095.82 % T0

OUTER DIAMETER
6.9201 IN

KIND OF FLUID
? ANOTHER

SOUND VELOCITY
1540 M/S-

SPACING
5.269 IN U

08-06 14:1000 *R
+002.10 % AI2

ZERO MODE
CLEAR

ZERO MODE
AUT ZERO

ZERO MODE
ZERO OPR

08-06 14:1200 *R
+131.293E 2GPH

08-06 14:1200 *R
+225.338E 0GPM

08-06 14:1200 *R
+225.338E 06PM

08-06 14:1200 *R
+214.243E 06PM

08-06 14:1300 *R
+231.150E 06PM

08-06 14:1300 *R
+223.489E 06PM

08-06 14:1300 *R
+231.678E 06PM

08-06 14:1300 *R
+259.681E 06PM

08-06 14:1300 *R
+219.262E 06PM

08-06 14:1400 *R
+221.376E 06PM

08-06 14:1400 *R
+000.00 % AI1

08-06 14:1500 *R
+002.10 % AI2

MODE SELECT
T0 CHECK

0236.2 MMSEC
099.74 % T0

0236.2 MMSEC
099.74 % T0

0236.2 MMSEC
099.74 % T0

0236.2 MMSEC
099.74 % T0

08-06 14:1800 *R
+218.734E 06PM

08-06 14:1800 *R
+233.792E 06PM

08-06 14:1800 *R
+239.604E 06PM

08-06 14:1800 *R
+232.471E 06PM

DAMPING SET
01 SEC

DAMPING SET
60 SEC

08-06 14:2700 *R
+241.717E 06PM

08-06 14:2800 *R
+243.566E 06PM

08-06 14:2900 *R
+245.151E 06PM

08-06 14:3000 *R
+244.095E 06PM

08-06 14:3000 *R
+244.359E 06PM

PUMPING PLANT EFFICIENCY EVALUATION
LOW PRESSURE WATER DISTRIBUTION SYSTEM
CITY OF BURLEY, IDAHO

prepared by
Gerry D. Galinato

Idaho Department of Water Resources
Boise, Idaho

September 30, 1983

MEMO TO FILE

DATE: SEPTEMBER 25, 1996

AGENT: JEANIE ROBERTSON

FILE NUMBERS: A45-04093, A45-04094, A45-04095,
A45-04096, A45-07436, A45-11133

In response to Jim Stanton's Memo dated August 9, 1996, I made arrangements to meet with Mr. Mabry on September 19, 1996 regarding the other wells tied into the same system as Permit #45-07686.

Mr. Mabry showed me the location of each of the wells. I gathered the pump and motor information, located them with the GPS system, photographed and tagged them. The only one running that day was the #1 Pumphouse Well, located in the shop at 1559 Albion. He said that normally all of the wells would be operating at this time of year and the system generally works this way. Because it had cooled off, only this one was on today. This well was not conducive to measurement with the polysonic flow meter. Some of the others may have been, but they were not running.

He explained the city has two separate irrigation well systems. This one is a low pressure system which encompasses the area south of the railroad tracks to about 23rd. street. It services customers for their lawns and gardens, not everyone participates, and he had no idea of how many acres would be included. There are no parks in this system, except for the area around the city pool and school ballfields at the "Salmon Park Well" site.

He had a copy of a report in his files which was entitled "Pumping Plant Efficiency Evaluation, Low Pressure Water Distribution System, City of Burley, Idaho". It was prepared by Gerry D. Galinato of IDWR in Boise, Idaho on September 30, 1983. I made a copy of the front cover of the report only. He read some results from it to me: Keller Well, 2 pumps running = 204 gpm
4 pumps running = 166 gpm

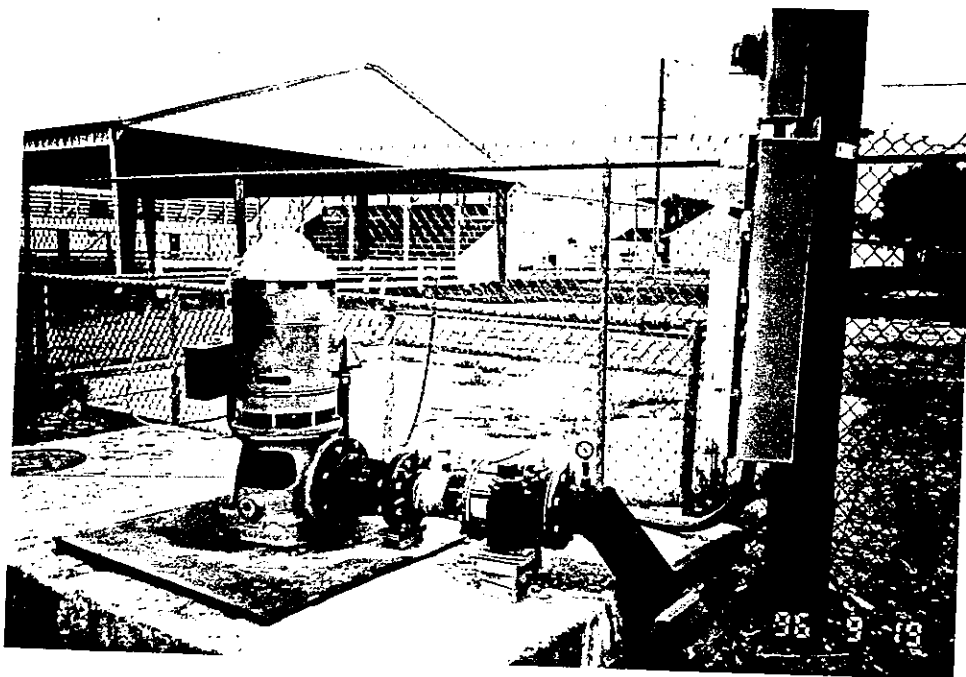
Carlson Well, 3 pumps running = 920 gpm
4 pumps running = 901 gpm

Hogan Well, 2 pumps running = 650 gpm

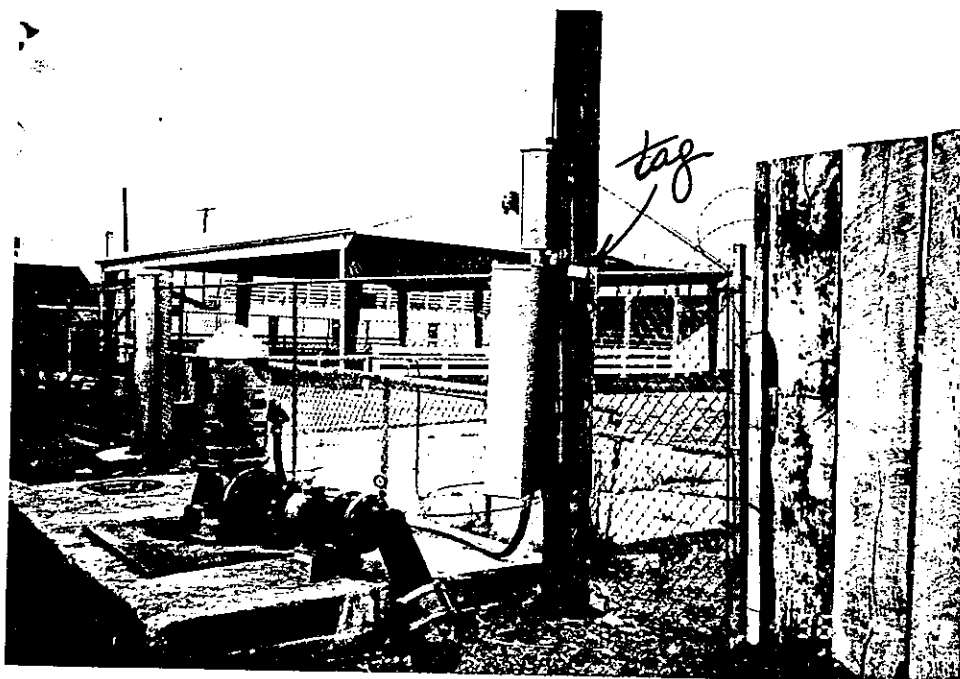
#1 Pumphouse, 2 pumps running = 535 gpm

Almo Well, 2 pumps running = 399 gpm

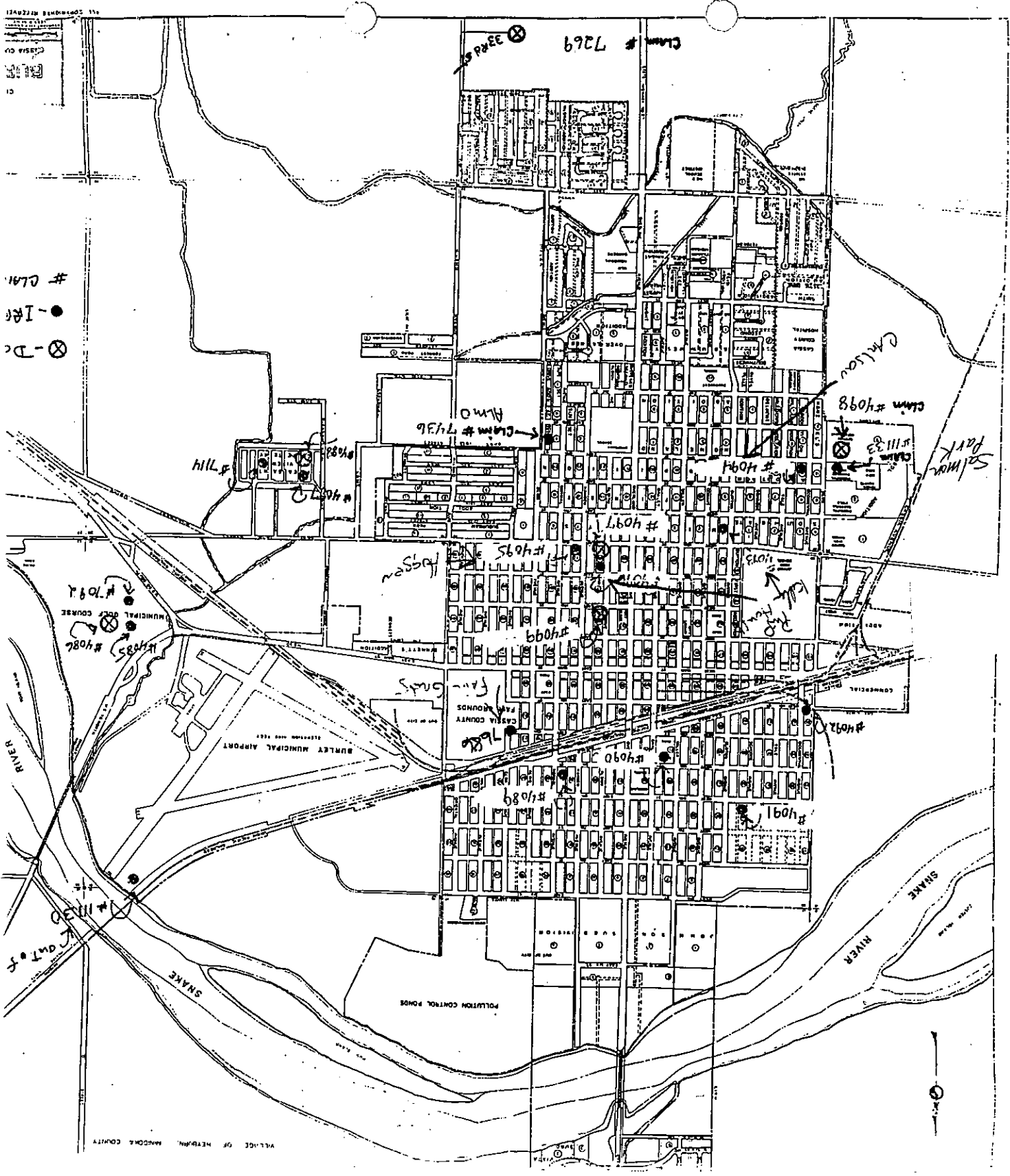
There was no information as to "which wells were running at the same time" when these tests were taken...



45-07686
City of Burley - "Fairgrounds Well"



gps tag # A0002619 on power pole



● - I-5
⊗ - D-2
- Claim

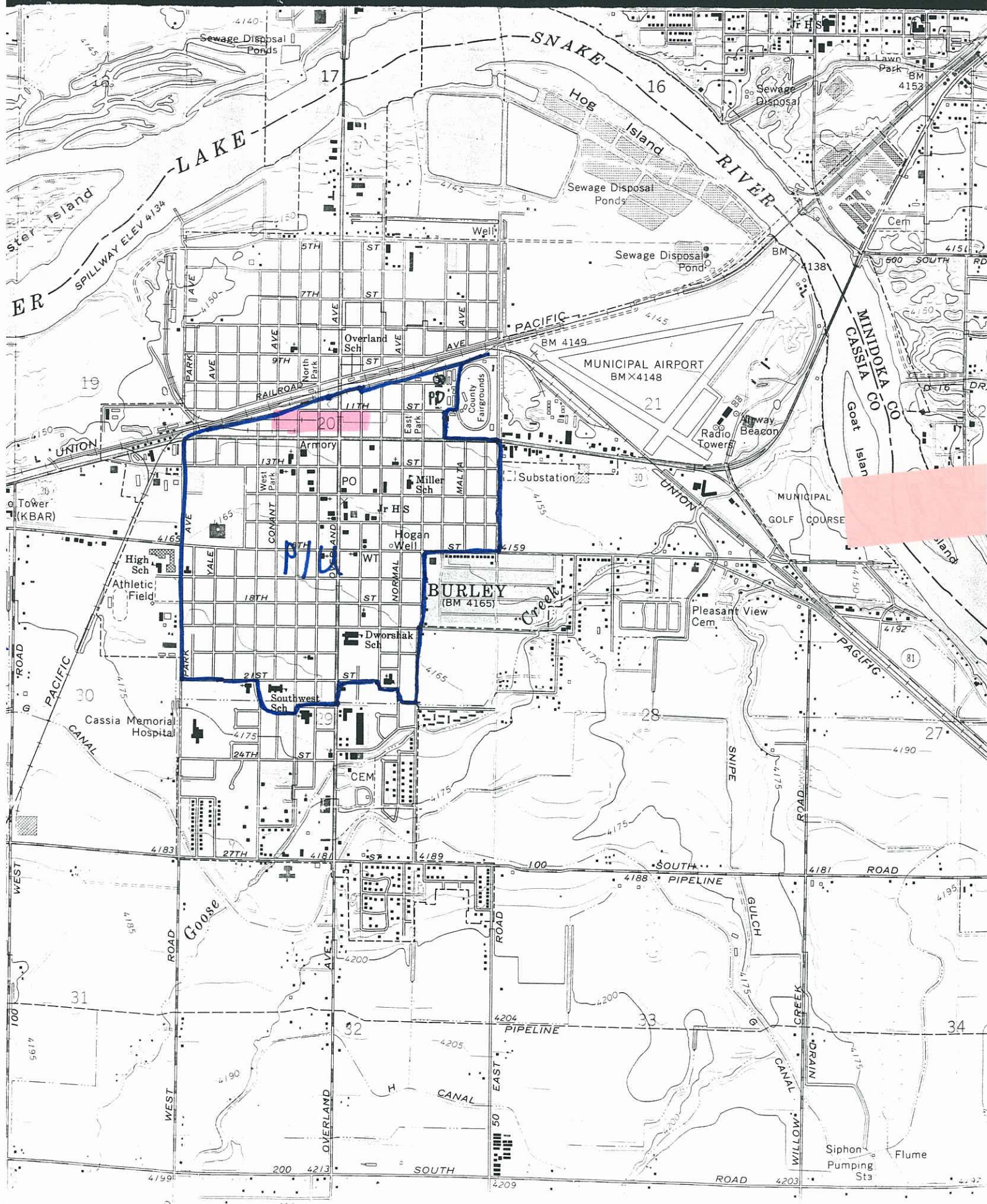
Claim # 7269

Claim # 4098

Claim # 4097

Claim # 7436

VILLAGE OF METRO, MARION COUNTY



45-7686



Diversion Works



Measurement Site

45-07686
8-6-96 JES

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

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

2. Measurements:

Measured 244 gpm with 60-second damping, 214-259 gpm with 1-second damping.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

$$244 \text{ gpm} \div 448.8 \text{ gpm/cfs} = 0.54 \text{ cfs}$$

2. Alternate Method for Checking Purposes:

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:

H. REMARKS AND OVERLAP REVIEW ANALYSIS

This well and 5 others provide irrigation water to city residents during the recommended period only. Only a portion of the city is served, as outlined on the attached grid map. But since this permit was approved for municipal use, I am not showing a specific ~~use~~ place of use. Other city wells serve other parts of town.

Per comments of Shelley Keen, SRBA tried to determine total system capacity. Wells are not amenable to measurement, however, so no capacity could be determined. Jerry Galindo made some measurements in 1983; a copy is enclosed.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Municipal	4-15	9-30	0.54 cfs	
Totals:			0.54	

2. Recommended Amendments

- | | | |
|---|--|--|
| ☐ Change P.D. as reflected above | ☐ Add P.D. as reflected above | ☒ None |
| ☐ Change P.U. as reflected above | ☐ Add P.U. as reflected above | ☐ Other |

J. AUTHENTICATION

Field Examiner's Name J E Stanton
Signature J E Stanton
Certification Date _____
Field Report Preparation Date 10-1-96

CONSULTANT SEAL

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

CITY OF BURLEY
PO BOX 1090
BURLEY ID 83318

November 22, 1991

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 45-07686

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 SOUTHERN Regional Office in Twin Falls at (208)736-3033.

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

c: IDWR - Region

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DEC 11 1991

RECEIVED
OCT 22 1991

RECEIVED
STATE OF IDAHO
OCT 23 1991

For Office Use Only
Amt. of Fee \$ 125.00
Date 10-23-91
Receipt No. 607218
Received by PR

DEPARTMENT OF WATER RESOURCES
Department of Water Resources
PROOF OF BENEFICIAL USE

Department of Water Resources

The Idaho Department of Water Resources will consider this form as 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 or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

1. Permit No. 45-07686 Telephone No. 678-2538

2. Name(s) of Permit Holder(s): City of Burley

3. Post Office Address: P.O. Box 1090 - Burley, Idaho 83318

4. Source of Water: ground water

a. If ground water, well driller's name: Denton Drilling Co. Date drilled: 4-2-91

b. Pump horsepower: 25 Pressure (psi): 30 Dynamic pumping level (ft.): 65

5. Extent of Use:

Domestic _____ (No. of households)

Residential households City of Burley
Irrigation _____ (No. of acres)

Stockwater _____ (No. and type of stock)

Other _____

6. Total rate and/or volume for which proof is submitted 1.75 cfs _____ acre/feet

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

Measuring device: Required? Yes ☒ No ☒ Installed? Yes ☒ No ☒

OR

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

8. Fee Enclosed: \$ 125.00 (See License Examination Fee Schedule)

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

Donald Hill

Name

678-2538

Telephone No.

P.O. Box 1090

Burley, Idaho 83318

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.

10-10-91
Date

Donald R. Hill Utilities Director
Signature (and title if on behalf of a company or organization)
City of Burley

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DEC 11 1991

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name CITY OF Burley
Address P.O. Box 1090 Burley, Id 83318
Owner's Permit No. 45-91-S-003 OK

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Well diameter increase
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE

☐ Domestic ☒ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED

☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary
☒ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
<u>2.50</u> inches	<u>16</u> inches	+ <u>1</u> feet	<u>75</u> feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was casing drive shoe used? ☒ Yes ☐ No

Was a packer or seal used? ☐ Yes ☐ No

Perforated? ☒ Yes ☐ No

How perforated? ☒ Factory ☐ Knife ☐ Torch ☐ Gun

Size of perforation 9/32 inches by 4 inches

Number	From	To
<u>130</u> perforations	<u>70</u> feet	<u>73</u> feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☐ Yes ☒ No

Manufacturer's name _____

Type _____ Model No. _____

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☐ No ☐ Size of gravel _____

Placed from _____ feet to _____ feet

Surface seal depth 32' Material used for seal: ☐ Cement grout

☒ Bentonite ☐ Puddling clay ☐ _____

Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing

☒ Overbore to seal depth

Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent

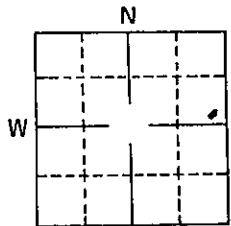
Weld

☐ Cemented between strata

Describe access port _____

6. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name _____

Lot No. _____ Block No. _____

County Cassia

SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 20 T. 10S N ☐ E ☐
S ☐ R. 23 W ☐

7. WATER LEVEL

Static water level 20' feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature _____ °F. Quality _____
Describe artesian or temperature zones below.

8. WELL TEST DATA

☐ Pump ☒ Bailer ☐ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
120	24'	1 hour

9. LITHOLOGIC LOG

[illegible]

10.

Work started 3-22-91 finished 4-1-91

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Denton Drilling Co. Firm No. 83

Address 409 W Lincoln Pk Date 4-2-91

Signed by (Firm Official) F. Denlon
and
(Operator) W. J. Brown

Drilling Permit No. 45-91-S-003
Water Right Permit No. 45-07686
Injection Permit No. _____

State of Idaho
Department of Water Resources

RECEIVED

APPLICATION FOR DRILLING PERMIT FEB 11 1991

Department of Water Resources
Southern Region Office

1. Applicant (please print) City of Burley
2. Mailing Address P.O. Box 1090
Burley, Idaho 83318 Telephone 208-678-2103

(x) Well Owner (x) Well Operator () Other, specify _____

3. Proposed well location S/E 1/4 NE * per telecon w/ Ron Neiswert, City Eng, Burley
1/4, or Gov't Lot No. 2/12/91 by DRJ

Sec. 20, Twp. 10 S, Rge. 23 EBM, County Cassia

Street Address of Well Site 533 East 10th Street

Lot, block and subdivision Lot 16 Blk 93 Burley o.t.s.

4. Proposed use of well:

() Domestic: The use of water for homes, organization camps, public campgrounds, livestock and for any other purpose in connection therewith, including irrigation of up to 1/2 acre of land, if the total use is not in excess of 13,000 gpd; or any other uses, if the total use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.

Domestic does not include water for multiple ownership subdivisions, mobile home parks, commercial or business establishments, unless the use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.

(x) Non-Domestic: Any beneficial use not included within the definition of domestic.

() Injection

() Monitoring - A well bore schematic and map is required for each well.
No. of proposed wells: _____

5. Well construction information:

A. (x) New well () Deepen () Replace - See Condition 9

B. Proposed Surface Diameter 20 Proposed Maximum Depth 1200'

C. Anticipated bottom hole temperature:

- (x) 85°F or less (Cold water well)
() 85°F to 212°F (Low temp. geothermal well)
() 212° or more (Geothermal well)

6. Construction Start Date 13-March 91

7. Anticipated Well Driller Bob Denton

NOTE: The actual well driller must be identified prior to drilling.

8. Applicant's signature Jesse D. Mabry Date 2-5-91

Title Water Department Foreman

(Owner, Firm Representative, Other)

FILED
OCT 03 1991

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This Permit is Approved Date 2/14/91

If approved, this permit authorizes the construction or modification of a well subject to the following conditions. READ CAREFULLY

GENERAL CONDITIONS:

1. The well must be constructed in compliance with the applicable statutes, specific conditions of approval shown on the water right permit, injection well permit, transfer or amendment and the rules and regulations of the Department for water appropriate injection wells and well construction standards.
2. This drilling permit is valid for two (2) months from the above approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.
3. This permit does not constitute an approval of the District Health Department or the Idaho Department of Health and Welfare which may be required before construction of this well.
4. The well shall be constructed by a driller currently licensed in the State of Idaho who must maintain a copy of the drilling permit at the drilling site.
5. Approval of this drilling permit does not authorize trespass on the land of another party.
6. This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well.
7. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
8. If a bottom hole temperature of 85° or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.
9. If this permit is for a replacement well, the well being replaced must be abandoned in accordance with Department Rules and Regulations.

SPECIFIC CONDITIONS:

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OCT 03 1991

Loren D. Halum
Signature of Authorized Department Representative

MANAGER, SOUTHERN REGION
Title

Receipt No. 5013003 Received by DR Fee 200 Date 2/12/91

EXTENSION OF DRILLING PERMIT

Extension approved by _____ Approval Date _____

This extension is good for 60 days beyond the above extension approval date.

RECEIVED

Drilling permit No. 45-91-S-003

FEB 11 1991

Water right No. 45-07686

Department of Water Resources
Southern Region Office

REQUEST FOR EXPEDITED ISSUANCE OF A DRILLING PERMIT

City of Burley, Idaho, Applicant, requests issuance of a drilling permit prior to approval of a water right to withdraw water from the well.

The request is made for the following reason(s):

1. Well Driller's availability;
2. Would like to get the well plumbed into the system prior to turning on the other pumps in April.

Applicant understands that the drilling permit does not constitute a water right and does not authorize diversion or use of water from the well.

Applicant acknowledges that by accepting a drilling permit and commencing construction he accepts all risk that the well may not ultimately be approved for use.

Date 2-7-91

OCT 03 1991

Signature

Jesse D. Mabry

Applicant

Jesse D. Mabry



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

October 2, 1991

CITY OF BURLEY
PO BOX 1090
BURLEY ID 83318

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 45-07686

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. Enclosed, for your reference, is a list of measuring device options.

This permit authorizes the appropriation of trust water. Trust water is defined as that portion of a particular hydropower water right which exceeds certain minimum stream flows established by state action, and is held in trust by the State of Idaho for the use and benefit of the people within the state. Conditions pertaining to a term review, annual use fee and jurisdiction of the permit are trust water conditions.

Sincerely,

PAMELA SKAGGS
Technical Records Specialist

PS:blm

Enclosure

RECORDED
OCT 03 1991

45-07686

CITY OF BURLEY
P.O. BOX 1090
BURLEY, ID 83318

Source: GROUNDWATER

Diversion Pt: SWSENE Sec 20 T 10S R 23E

Use: MUNICIPAL (1.750 CFS)
Total Diversion: (1.750 CFS)

Date Filed: 2/11/ 1991

In: Within city limits of Burley, ID.

MICROFILMED

OCT 03 1991

The permit(s) will be subject to all prior water rights. Protests must be filled with the Director, Dept. of Water Resources, Southern Region, 222 Shoshone Street East, Twin Falls, Idaho 83301 on or before MAY 20, 1991.

R. KEITH HIGGINSON, Director

Published 5/ 3/1991 & 5/10/1991

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OCT 03 1991

S T A T E O F I D A H O
DEPARTMENT OF WATER RESOURCES
Southern Region
222 Shoshone Street East
Twin Falls, ID 83301
(208) 734-3578

APRIL 17, 1991

SOUTH IDAHO PRESS
BOX 190
BURLEY, ID 83318

Gentlemen:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before MAY 20, 1991.

Yours truly,

Mary Baldwin
Secretary/Office Coordinator

Enclosure

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OCT 03 1991



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301 (208) 734-3578

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

11-Apr-1991

CITY OF BURLEY
PO BOX 1090
BURLEY ID 83318

Re: Application for Permit No. 45-07686

Dear Applicant (s):

The Department of Water Resources acknowledges receipt of your water right application for permit. The application has been assigned the above referenced identification number. Please refer to this number in all further correspondence.

This office will be advertising the application in the South Idaho Press on 5/3 & 5/10/91. 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.

Very truly yours,

James E. Stanton
Sr. Water Resource Agent

JS:MB

OCT 03 1991