

Identification No. 11 7127

Application No. _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

To Appropriate the Public Waters of the State of Idaho
(TYPE OR PRINT IN INK)

1. Name of applicant City of Soda Springs Phone: 547-3465
post office address 109 South Main, Soda Springs, Idaho 83276
2. Source of water supply unnamed stream which is a tributary of sinks
3. a. Location of point of diversion is NE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 5 Township 9S
Range R42E B.M. Caribou County; additional points of diversion if any: _____

- b. If water is not consumed, it will be discharged into _____ at a point in _____ $\frac{1}{4}$
of _____ $\frac{1}{4}$ of Section _____ Township _____ Range _____ B.M. _____
4. Water will be used for the following purposes:
Amount 2.26 for irrigation purpose from April 1 to Nov. 1 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated:
a. 2.26 cubic feet per second and/or
b. _____ acre feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. water is diverted through a
12"x16" headgate, thence flows South through an open ditch to a
50'x70' impoundment (holding pond). Water is pumped from this
point.
b. Height of storage dam _____ feet, active reservoir capacity _____ acre feet; total reservoir
capacity _____ acre feet, materials used in storage dam: _____
Period of year during which storage will occur _____ to _____ inclusive.
(Mo. Day) (Mo. Day)
c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use
is 5 years.
b. Estimated construction cost is \$ 5,000.
8. Description of proposed uses:
a. If water is not for irrigation:
(1) Give the place of use of water: _____ $\frac{1}{4}$ of _____ $\frac{1}{4}$ of Section _____ Township _____
Range _____ B.M. _____
(2) Amount of power to be generated: _____ hp under _____ feet of head.
(3) List number of each kind of livestock to be watered _____

(4) Name of municipality to be served _____, or number of families to be
supplied with domestic water _____.
(5) If water is to be used for other purposes describe: _____

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

TWP.	RANGE	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	
9S	42E	5	0	0	0	0	0	15	4	40	35	0	0	19	0	0	0	0	113

Total number of acres to be irrigated... 113

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

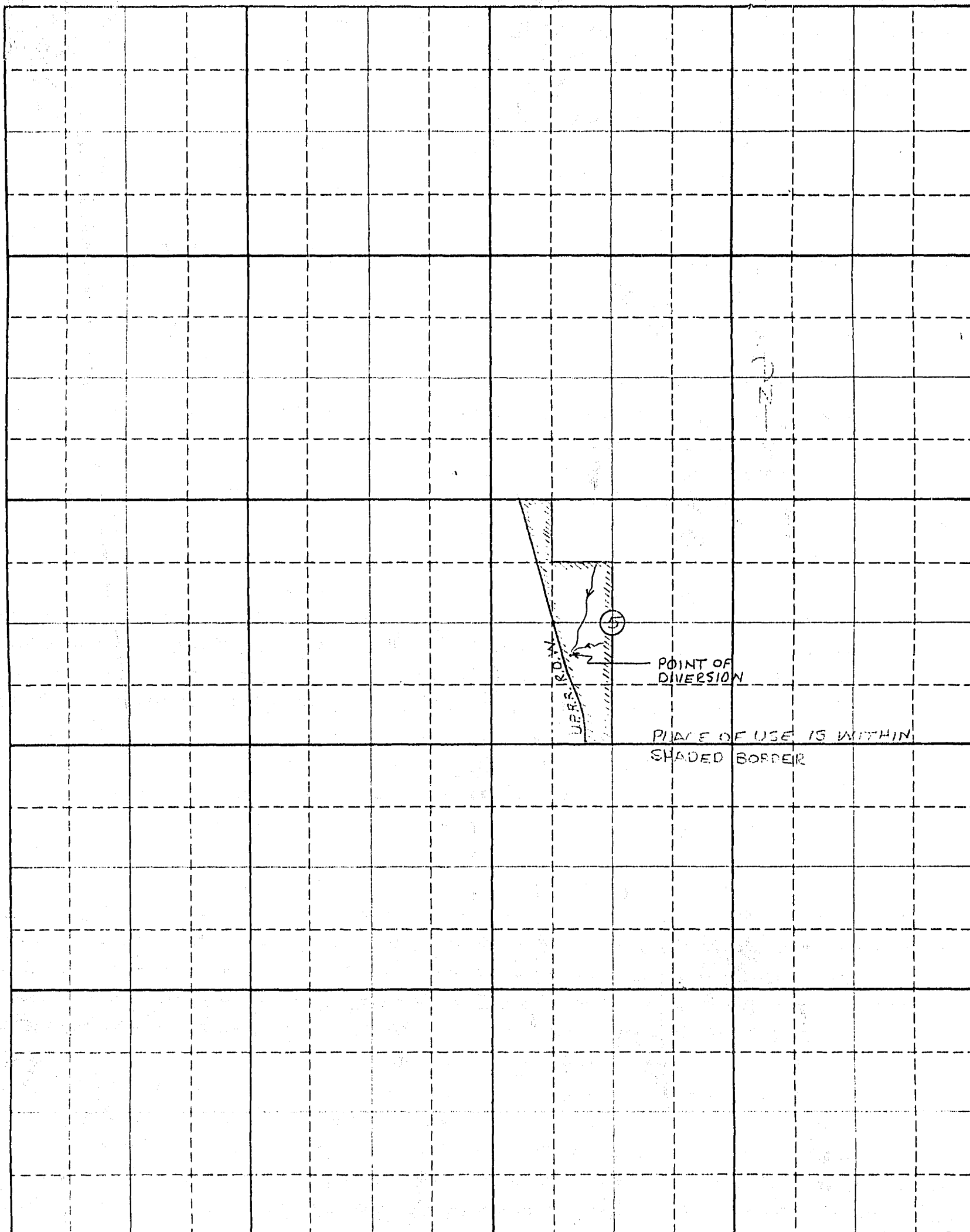
9. a. Who owns the property at the point of diversion City of Soda Springs

b. Who owns the land to be irrigated or place of use City of Soda Springs

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

10. Remarks

11. 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.

Milton B. Hamilton
(Applicant)

MAYOR

Proposed Priority 7/21/77

Received by W Date 7-21-77 Time 10:50 A

Preliminary check by EMC Fee \$ 45.00

Received by W Date 7-22-77 # 889

Publication prepared by W Date 7-22-77

Published in Shoshone County Sun

Publication dates July 28 & Aug. 4-1977

Publication approved me Date August 15, 1977

Priority reduced to _____ Reason _____

Protests filed by _____

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by BC fb

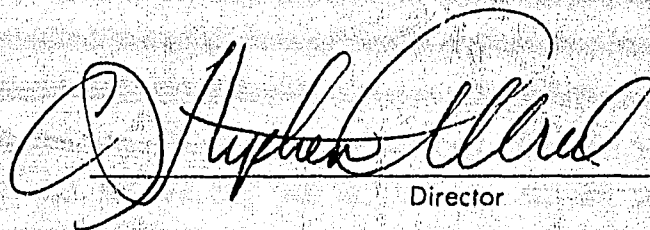
ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 11-7127, and said application is hereby APPROVED.

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

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before September 1, 19 82.
- c. Other: For licensing purposes a scientific measurement of the diversion rate of the system as it is normally operated shall be provided by either properly installing an approved type of measuring device or by having a professional engineer certify the rate of diversion to the Department prior to submitting proof of beneficial use of water.

Witness my hand this 7th day of September 19 77.


Director

Affidavit of Publication

County of Caribou }
State of Idaho } ss.

Mark Steele

being first duly sworn on his
oath, states:

NOTICE OF APPLICATION FOR WATER PERMIT NO. 11-7127

Notice is hereby given that City of Soda Springs, Soda Springs, Idaho has on 7-21-77 submitted Application No. 11-7127 for a permit to appropriate 2.26 cubic feet per second of water from an unnamed stream tributary to sinks by means of pump, ditch and holding pond within the NE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 5, T. 9S, R. 42E, B.M., Caribou County; to be used from Apr. 1 to Nov. 1 for the irrigation of 113 acres within the W $\frac{1}{2}$ NW $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, Sec. 5, T. 9S, R. 42E, B.M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of the permit must be filed with the Idaho Department of Water Resources, 1515 Lincoln Road, Idaho Falls, Idaho, 83401 on or before August 15, 1977.

C. STEPHEN ALLRED
Director

Published in the Caribou County Sun, Soda Springs, Idaho on July 28 and August 4, 1977.

That he is Publisher of the Caribou County Sun, a newspaper of general circulation in Caribou County, Idaho, published weekly at Soda Springs in said County, that said newspaper has been published in said County uninterruptedly and continuously for over seventy-eight consecutive weeks, prior to the first publication of the annexed notice or advertisement;

That the annexed notice was published as per clipping attached in the regular and entire edition of said newspaper and not in any supplement thereof

for 2 successive weekly issues thereof, the date of the first publication being the

28th day of

July, 1977

The date of the last publication

being the 4th day of

AUGUST, 1977

Mark Steele

Subscribed and sworn to be-

fore me this 5th day

of August, 1977

Wendy Steele

Notary Public, residing
at Soda Springs, Idaho

(SEAL)

My Commission expires the

1st day of March

1977...

AUG 15 1977

Department of Water Resources
Eastern District Office

PHOSPHATE CENTER OF THE WEST

MILTON B. GAMBLES
Mayor

MAX HUGHES
Chairman

LaRAE RASMUSSEN
Clerk-Treasurer

JOHN C. DARRINGTON
Public Works Superintendent

City of Soda Springs

County Seat and Commercial Center of
Caribou County

Founded May 20, 1863

109 South Main Street - Phone 547-3465

SODA SPRINGS, IDAHO 83276

July 19, 1977

Councilmen

DENNIS HANSEN

MAX HUGHES

PHILLIP MERCHEN

DON SHULER

RECEIVED

JUL 21 1977

Department of Land Resources
Eastern District Office

Department of Water Resources
State of Idaho
District Engineer
1515 Lincoln Road
Idaho Falls, Idaho 83401

Dear Sirs:

Enclosed please find an application for permit and \$45.00 application fee. The purpose of this application is to file on water for irrigation use whose source and point of diversion are on City owned property.

Please advise if additional material is necessary.

Sincerely,

John C. Darrington
John C. Darrington
City Superintendent

JCD/bm

HOME OF THE WORLD'S LARGEST MAN-MADE GEYSER

DEPARTMENT OF WATER RESOURCES
- STAFF ANALYSIS -

Item Initial Date

Application No. City of Sala Springs

Surface Source

☒ Point of Diversion

☒ County

2.26 Quantity of Water and Period of Use

☒ Description of Diverting Works

☒ Time required for B/U of water

113 Place of Use or Acres Irrigated

☒ Map

☒ Signature

14.00 Fee

(1) EMC 7/22/77

In form to receipt YES.

(2) " "

Send Copies to:

☐ Idaho State Health Department

☐ Idaho Fish and Game Department

☒ Bureau of Land Management

XXX Russell Stoker

(3) " "

☐ Request Special Use Permit from U.S.F.S.

☐ Request Easement from B.L.M.

☒ Request Information from Applicant

☐ Request Dam Safety Information

(4) " "

In form for advertising YES.

(5) " "

Platted on Map No. BB-45

(6) " "

Located within Water District No. 71

(7) " "

Critical groundwater area: yes ☐ no ☒

(8) " "

Groundwater levels:

☐ Declining, ☒ Stable, ☐ Increasing

(comment) _____

(9) " "

Cal Other rights on the same place of use None

(10) " "

described.

Comments: None

(11) Cal 8-15-77

Affidavit of Publication received (date) Aug. 15-77

(12) Cal 8-15-77

Final date for protests August 15-1977

Protests received: yes ☐ no ☒

(13) RDC 8/15/77

All requested information received from agencies or applicant: yes ☐ no ☐

(14) " "

Action recommended:

☒ Approve

☐ Deny

7/21/77 Proposed Priority

Reason for Reduction _____

☒ Measuring device required

☐ See attached sheet for other conditions of approval

☐ No special conditions for approval

(15) District E

By RDC

Date 8/16/77

July 22, 1977

RE: Application for Permit No. 11-7127

City of Soda Springs
109 South Main
Soda Springs, Idaho 83276

Gentlemen:

Attached herewith is Departmental receipt No. 8289 in the amount of \$45.00 for the above referenced application.

Very truly yours,

R. NALD D. CARLSON
Supervisor
Eastern Region

RDC:CD

Attachment

NOTICE OF APPLICATION FOR WATER PERMIT

Notice is hereby given that City of Soda Springs,
Soda Springs, Idaho

has on 7-21-77 submitted Application No. 11-7127
for a permit to appropriate 2.26 cubic feet per second XXXXXXXXXXXXXXXXXXXX
of water from an unnamed stream tributary to sinks
by means of pump,, ditch and holding pond
within the NE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 5, T. 9S, R. 42E, B.M., Caribou County;

to be used from Apr. 1 to Nov. 1
for the irrigation of 113 acres

within the W $\frac{1}{2}$ NW $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, Sec. 5, T. 9S, R. 42E, B.M.

If issued, this permit will be subject to all prior water rights. Protests
against the granting of the permit must be filed with the Idaho Department of
Water Resources, 1515 Lincoln Road, Idaho Falls, Idaho, 83401 on or before _____
August 15, 1977

C. STEPHEN ALLRED
XXXXXXXXXXXXXXXXXXXX
R. KEITH HIGGINSON

Director

Published in the Caribou County Sun, Soda Spring, Idaho
on July 28 and August 4, 1977

me. J. me. Q.

July 22, 1977

RE: Application for Permit No. 11-7127 CITY OF SODA SPRINGS
13-7204 IZATT
25-7126 NUFFER
25-7127 DOCKSTADER
Claim to a Water Right No. 13-4051 IZATT

Caribou County Sun
P. O. Box 815
Soda Springs, Idaho 83276

Gentlemen:

Enclosed you will find a legal notice which we wish to have published once a week for two consecutive weekly issues of your newspaper. We have inserted the publication dates allowing time for you to submit us a galley proof for review before publication.

After sending us a galley proof, proceed with the publication on the dates we have inserted, assuming the notice is correct. If we have any corrections, we will notify you before the first publication. 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.

Very truly yours,

RONALD D. CARLSON
Supervisor,
Eastern Region

Bill submitted 8-15-77 by CW

RDC:W

Enc: Legal Notice (5)

September 9, 1977

Re: Permit No. 11-7127

City of Soda Springs
109 South Main
Soda Springs, ID 83276

Gentlemen:

Enclosed is a copy of your approved Application for Permit No. 11-7127 . We direct your attention to the conditions of approval as listed on the fourth page.

Be sure to note that a special condition requiring you to either install and maintain a measuring device at your point of diversion or to provide the Department a certified measurement of the systems diversion capacity prior to submitting proof of beneficial use of water. We have enclosed a letter describing the different types of measuring devices accepted by this office.

Sincerely,

BOBBY D. FLEENOR
Chief, Operations Bureau

BDF/cah

Enclosure

RECEIVED

APR 23 1986

no seal, LS
Department of Water Resources

STATE OF IDAHO

APPLICATION FOR AMENDMENT
(For Licensing Purposes)

Ident. No. 11-7127

APPROVED

Comes now City of Soda Springs Phone 547-2151
of (address) 9 West 200 South Soda Springs, ID 83276, and represents to the
Director of the Idaho Department of Water Resources:

That he is the owner and holder of Permit to Appropriate the Public Waters of the
State of Idaho No. 11-7127, and requests that the permit be changed as follows:

1a. Point of diversion: SE 1/4 SW 1/4, Section 5, Township 9S, Range 42E,
B.M., County of Caribou. Other points of diversion: _____

1b. Source: unnamed stream tributary to sinks

2a. Period and nature of use:

Amount 0.38 for Irrigation 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)

2b. The maximum quantity diverted shall not exceed 0.38 cfs or 57.0 acre feet
per year.

3. Place of use or land to be irrigated:

TWP	RGE	SEC	NE				NW				SW				SE				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	
9S	42E	5												19					19

Total number of acres to be irrigated = 19

4. Date of priority: July 21, 1977

5. Conditions (if any): This right when combined with all other rights shall provide no more than 3.0 afa per acre for the lands above.

Permit holder asserts that no one will be injured by such change and that such change will be made at permit holder's own risk.

Signed at Soda Springs, Idaho, this 21st day of April, 1986.

[Signature]
(Signature)
City Administrator

FOR DEPARTMENT USE ONLY

Preliminary check by Jim Fee = \$20.00

Received by ccw Date 5-5-86 #37634

ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, A. KENNETH DUNN, of the Department of Water Resources hereby Approve the above Application for Amendment for Permit No. 11-7127.

Witness my hand this 19th day of May, 1986.

[Signature]
Acting for the Director

DEPARTMENT OF WATER RESOURCES

APR 21 1986

[Signature]

[Signature]

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

License of Water Right No. 11-7127 Priority July 21, 1977 Amount 0.38 cfs
THIS IS TO CERTIFY, that City of Soda Springs
of Soda Springs, Idaho, has complied with the terms and conditions of Permit
No. 11-7127 issued pursuant to Application for Permit dated July 21, 1977,
and has submitted proof to the Department of Water Resources on August 30, 1982,
that he has applied water to a beneficial use; an examination by the Department indicates that the works have a
capacity for the diversion of 0.87 cfs of water from an unnamed stream,
tributary to sinks, and that the permit holder has applied to a beneficial use and
established a right to use water as follows:

Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
Irrigation	from <u>April 1</u> to <u>November 1</u>	at <u>0.38</u> cfs and	<u>57.0</u> acre feet
	from _____ to _____	at _____ cfs and	
	from _____ to _____	at _____ cfs and	

(both dates inclusive)

Subject, however, to the condition that no more than 0.38 cfs of water be diverted at any one time, and
that the amount of water so diverted and to which such right is entitled and confirmed is for the purpose
aforementioned and is limited to the amount which can actually be beneficially used and shall not exceed
57.0 acre feet per year, said waters to be diverted within the SE 1/4 SW 1/4 Section 5,
Twp 9S, Rge 42E in the County of Caribou

Description and location of place of use:

Twp.	Range	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	
9S	42E	5												19					19

Total number of acres irrigated 19

CONDITIONS OF APPROVAL

a. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho Law. This right may be forfeited by five years of non-use.

b. The right to the use of the water hereby confirmed is restricted and appurtenant to lands or place of use herein described, and is subject to all prior water rights, as provided by the laws of Idaho.

c. Any water right confirmed in this license for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this license and shall not give rise to any right or claim against any future rights to the use of water other than hydropower, within the State of Idaho initiated later in time than the priority of this license.

This right when combined with all other rights shall provide no more than 3.0 afa per acre for the lands above.

Witness the seal and signature of the Director, affixed at Boise, Idaho, this 19TH day of MAY, 19 86.

Acting for the Director

Norman C. Young

Jim

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440
CERTIFIED MAIL

138169

CITY OF SODA SPRINGS
109 S. MAIN
SODA SPRINGS, ID 83276

JUNE 30, 1982

DEAR PERMIT HOLDER:

ONE OF THE CONDITIONS OF APPROVAL OF YOUR WATER PERMIT NO. 11-7127 WAS THAT EVIDENCE OF THE EXTENT OF DEVELOPMENT MUST BE SUBMITTED TO THIS OFFICE ON OR BEFORE SEPTEMBER 01, 1982. (SEE LAST PAGE OF YOUR APPROVED PERMIT). ENCLOSED IS A POST CARD WHICH MAY BE USED TO SUBMIT THE REQUIRED PROOF OF BENEFICIAL USE.

IF YOU HAVE NOT FULLY COMPLETED YOUR PROJECT, AND YOU HAVE NOT PREVIOUSLY RECEIVED AN EXTENSION OF TIME, YOU MAY REQUEST AN EXTENSION OF TIME PROVIDED THE DELAY IS FOR REASONABLE CAUSE AS INDICATED IN SECTION 42-204, IDAHO CODE, AMENDED. IF YOU HAVE BEEN PREVENTED FROM PROCEEDING BY A GOVERNMENTAL AGENCY OR BY LITIGATION, MORE THAN ONE EXTENSION OF TIME CAN BE GRANTED.

EITHER THE BENEFICIAL USE POST CARD OR A REQUEST FOR AN EXTENSION OF TIME MUST BE RECEIVED BY THIS DEPARTMENT ON OR BEFORE THE ABOVE MENTIONED DATE, OTHERWISE, THE PERMIT WILL LAPSE AND BE OF NO FURTHER FORCE OR EFFECT WITHIN 60 DAYS.

SINCERELY,

RITA FLECK
SR. SECRETARY

ENC: 1

August 13, 1982

RE: Permit No. 11-7127

City of Soda Springs
9 West 2nd South
Soda Springs, ID 83276

Gentl~~man~~ant:

Thank you for sending us a request for extension of time in which to submit proof of beneficial use of water under Permit No. 11-7127. We are returning the extension request form along with the \$15.00 Check No. 18021, 92-127/1241.

The Director cannot approve requests for extension of time unless the permit holder can show that he has made reasonable diligence toward permit development. You mentioned on the request form that project approval from EPA had been delayed from 1982 to 1985 on 1986. Perhaps you could provide us more information as to the relationship between water developed under this permit and the lack of approval by EPA.

We would very much like to grant the extension request however we must insure that Idaho Code requirements are followed. If you have any questions on this please let me know. My phone number is 334-4162. Please respond by September 1, 1982.

Sincerely,

JIM JOHNSON
Water Distribution Supervisor

JJ:kw
Enclosures

CONVERSATION MEMORANDUM

DATE 8-19-82FILE 11-7127NAME OF PARTY John Hendrickson (city manager for
EMPLOYEE Jim Johnson Soda Springs)

RE: The above called in reference to
my letter of 8-13-82. The extension
request that was sent in was
for a different permit and
the water under their permit had
been developed (city park) he said.
I am sending him a
proof to beneficial use card.

City of Soda Springs
9 W. 2ND St.
Soda Springs, Idaho 83276



IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

AUG 31 1982

AUG 30 1982

Department of Water Resources

DEPARTMENT OF WATER RESOURCES

The Idaho Department of Water Resources will consider this card as a statement that the permit holder(s) has completed development to the extent shown below of Permit No. 11-7127.

Name(s) of Permit Holder: City of Soda Springs

Post Office Address: 9 West 200 South, Soda Springs, Idaho 83278

Tel. No. (208) 547-2151

Source of Water: Springs to Pond

Extent of Use: ☐ Domestic _____ (number of households)
☐ Stockwater _____ (number and type of stock)
☒ Irrigation 113 (acres)
☐ Other _____

Measuring Device: Required? ☐ Yes ☒ No Installed? ☐ Yes ☐ No
Access Port: Required? ☐ Yes ☒ No Installed? ☐ Yes ☐ No

The above information is a true statement of the extent to which the above numbered permit has been developed.

8-30-82
Date

John F. Hendricks City Mgr
Signature of Permit Holder



John V. Evans
Governor

A. Kenneth Dunn
Director

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
EASTERN REGION

150 Shoup
Idaho Falls, Idaho 83401
(208) 525-7161

October 26, 1982

City of Soda Springs
9 West 200 South
Soda Springs, ID 83276

RE: Permit No. 11-7127

Dear Sir:

We acknowledge receipt of your statement submitted as proof of beneficial use for the above referenced permit.

Before a license can be issued, a field examination must be made by a representative of this Department.

☐ A field examination of your system has been scheduled for _____.

If this time and date is not convenient for you, please contact this office as soon as possible.

☒ A field examiner will contact you to arrange to examine your system.

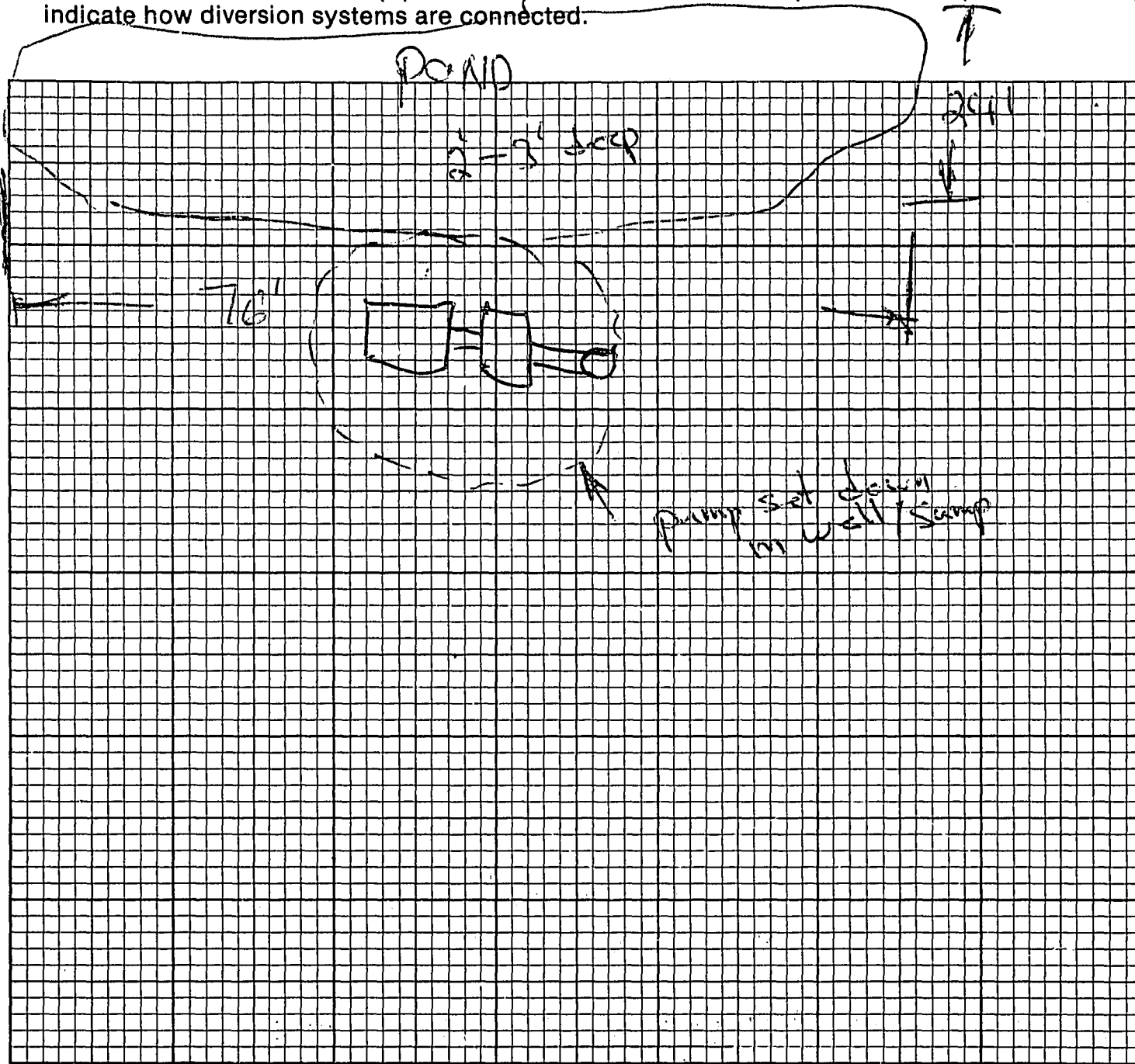
If you have any questions regarding the field examination, please contact this office.

Sincerely,

COLLEEN WRAY
Adm. Secretary

- [illegible]

10. Other water rights on these lands _____
11. Other water right diverted from same p.d. _____
12. **Diversion and Delivery System Diagram:** Indicate all major components and distances between components. Indicate ditch size/pipe i.d. as applicable. Indicate on systems with measurement port the distance between the port and the nearest component/pipe bend/restriction both upstream and downstream, and the inside pipe diameter at the measurement port. On multiple diversion systems indicate how diversion systems are connected.



13. ☐ Photo of Diversion & System Attached

☐ Aerial Photo of Place of Use Attached
or Map of Irrigated Acreage Attached

14. Remarks _____

15. 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

16. Examiner's/Consultant's Signature H. G. Jones Date 9-10-84

Consultant's License Number _____

IDWR Director's Authorization to Conduct

Beneficial Use Examination _____

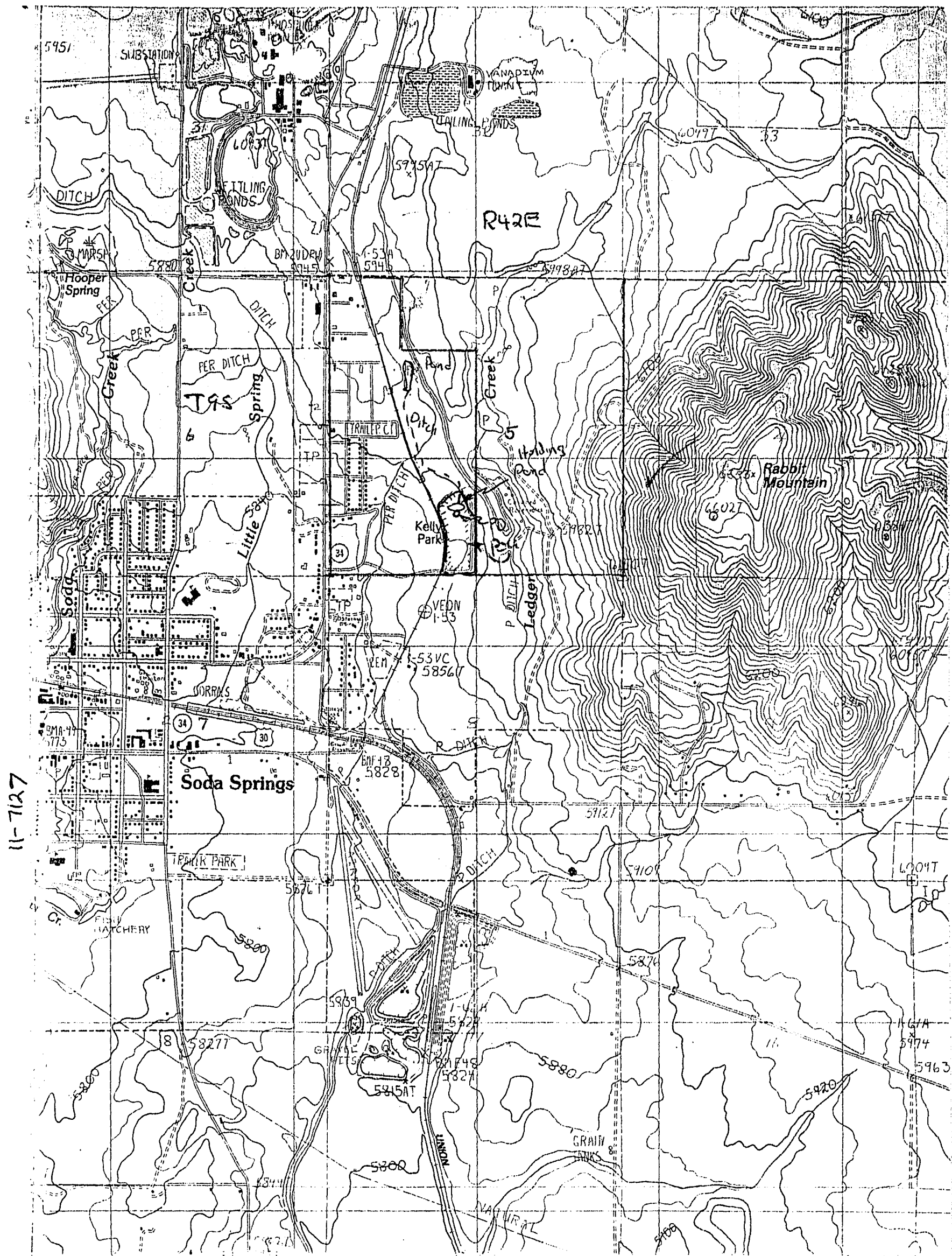
Date

CONSULTANT SEAL

WATER DISTRICT NO. 01

Date 8-02, 1984 **DISCHARGE MEASUREMENT NOTES**
Springs to Pond River at By H.W. Jones

Angle coefficient	Dist. from initial point	Width	Depth	Revolutions	Time in seconds	VELOCITY		Adjusted for hor. angle or -----	Area	Discharge
						At point	" " " in vertical			
	0.5'	1'	0.9'	20	42	.507			0.9 ^{sq} '	0.46 cfs.
	1.5'	1'	1.1'	40	41	.487			1.1 ^{sq} '	1.09 cfs.
	2.5'	1'	1.2'	40	47	.487			1.2 ^{sq} '	1.04 cfs.
								Total	✓	2.59 cfs.
No.	of	Sheets.	Comp. by					Cbk. by		
.0	.10	.20	.30	.40	.50	.60		.70	.75	



[illegible]

NOT TO SCALE



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

A. KENNETH DUNN
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

April 16, 1986

RE: Permit No. 11-7127

City of Soda Springs
9 West 200 South
Soda Springs, ID 83276

Dear Permit Holder(s):

The above referenced water right is in the process of being licensed. However, before a license can be issued, your permit must be amended to correspond with the findings of the Department's field examiner.

The enclosed application for amendment contains all of the information that will be included on the license when it is issued. Please review carefully and if you concur, sign the amendment and return with the \$20.00 filing fee within 30 days.

If you do not concur with these findings or if you have any questions, please contact us within the 30-day period.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

RECEIVED

NOV 16 1984

1-7127
Permit No.

Department of Water Resources

1. Measurement Calculations

a) Field Measurement Calculations (Include theoretical capacities and system capacity)

By prism meter in channel above holding pond - see measurement notes

Total measured - 2.59 cfs* flowing from springs above to holding pond in park.

At holding pond a concrete + steel sump with 10hp pump works a system of 70 rainbirds. Only 6 (double nozzle) are run at any one time. (#47 rainbirds type)

* This is a double nozzle set up on the same 6 sprinklers

Measurement #1 - 50psi, 1/4" Nozzle, 6 nozzles = 13.2 gpm x 6 N = 79.2 gpm	} total 161.4 gpm or 0.36 cfs
Measurement #2 - 54psi, 1/4" Nozzle, 6 nozzles = 13.7 gpm x 6 N = 82.2 gpm	

Theoretical capacity of pump $\frac{10hp \times 8.814 \times 80\%}{0' \text{ Lift } (35psi \times 2.308)} = 0.87 \text{ cfs capacity}$

(*) excess water sinks) $19 \text{ ac.} \times 0.02 \text{ cfs} = .38 \text{ cfs}$

b) Volume Calculations for Irrigation:

214 days / 3.0 AF/AC

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 19 \text{ ac.} \times 3.0 \text{ af/ac} = 57 \text{ afa}$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.36 \text{ cfs} \times 214 \text{ days} \times 1.9835 = 152.8$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 57 \text{ afa}$

c) Volume Calculations for Other Uses:

$V = 0.38 \times 1.9835 \times 214 = 161.3 \text{ AF}$

2. Overlap Review

a) Other water rights with same place of use: 11-2002

b) Other water rights with same point of diversion: ~~NA~~ NONE per VAX 4/14/86

c) Analysis:

R24
RTG (3.0 afa) ✓

30day #1

- Date 4/14/86

April 30, 1986

RE: Permit No. 11-7127

City of Soda Springs
9 West 200 South
Soda Springs, ID 83276

Dear Permit Holder:

Thank you for returning the licensing Amendment, however you did not include the \$20.00 filing fee.

I will hold the amendment form here for twenty (20) days without further action. Please return the \$20.00 filing fee for the amendment by May 20, 1986.

If you have any questions, please contact me at 334-4162.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

June 11, 1986

RE: Permit No. 11-7127

City of Soda Springs
9 West 200 South
Soda Springs, ID 83276

Gentlemen:

Enclosed herewith is a copy of your Water Right License issued on the above referenced permit along with a copy of your approved application for amendment. Also enclosed is Departmental Receipt No. 37634 in the amount of \$20.00.

Should you have any questions regarding these documents, please feel free to contact our office.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc
Enclosures