

Map No.        Water Division No. 3 BIG SIOUX RIVER District         
(Plans to be Filed by the Engineer for the W. R. C.)

## VESTED RIGHT APPLICATION FOR PERMIT

### To Appropriate Water within the State of South Dakota

(NOTE: Draw a line through items not applicable)

1. Name of Applicant City of Arlington  
 Postoffice address Arlington State South Dakota  
 If a corporation show date and place of incorporation         
 2. Method of accomplishing work (contract, employment of others, or by direct labor) completed  
 3. Name of diversion work Arlington Water Supply System  
 4. Amount of water claimed (cubic feet per second) 1.13  
 5. Source of water supply Two wells  
 6. Location of point of diversion from NE Corner of Sec. 1, T110N, R53W: Well No. 1, 1100 feet South and 1670 feet West; Well No. 2, 1600 feet South and 1320 feet West  
       County Kingsbury  
 7. Annual period or periods during which water is to be used year around  
 8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) municipal  
 9. For irrigation use, Total number of acres to be irrigated n/a

List below each forty acre subdivision, or lot, or fraction thereof and show number of acres to be irrigated in each.

| Land Description | No. Acres Irr. | Land Description | No. Acres Irr. |
|------------------|----------------|------------------|----------------|
|                  |                |                  |                |
|                  |                |                  |                |
|                  |                |                  |                |
|                  |                |                  |                |

Attach sheet if more space is needed

10. Time required to complete construction of water supply system completed years. Additional time required to complete application of water to the proposed beneficial use completed years.  
 11. Choice of newspaper for Notice of Intent to Appropriate Water publication n/a  
 12. Principal Features of the Proposed Water Supply System.

A. Works proposed to divert water from its natural source:

Well No. 1, 613 ft. deep, 10 inch steel casing, 25 HP Fairbanks Morse submersible pump set at 360 foot depth.

Well No. 2, 617 ft. deep, 10 inch steel casing, 15 HP Fairbanks Morse submersible pump set at 234 foot depth.

B. Works proposed to transport water to place of use:

City water distribution system, treatment plant and 80,000 gallon elevated steel storage tank.

C. Works proposed to apply water to beneficial use:

450 service connections.

Estimated Total Cost \$       

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water is proposed. Attach map  
 (See instructions concerning preparation.)

STATE OF SOUTH DAKOTA

County of KINGSBURY  
Clara L. L. L. L.

the applicant, certify that I have read the foregoing application and have examined the attached map and that the matters therein stated are true and that I intend, and am able to complete the necessary construction.

Signed Clara L. L. L.Subscribed and sworn to before me this 7th day of December 19 71

M. L. L. L. City Auditor  
 Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Resources Commission hereby approves Water Right Application No. 1913-3  
CITY OF ARLINGTON \_\_\_\_\_  
 (Applicant) (Post Office Address)  
SOUTH DAKOTA \_\_\_\_\_ With the following modification:  
 (State)

"VESTED RIGHT" CLAIMED

Date of first receipt of application \_\_\_\_\_ DECEMBER 13 19 71  
 Date of return to applicant for correction, amendments or changes required \_\_\_\_\_ 19 \_\_\_\_\_  
 Date of receipt of corrected application \_\_\_\_\_ 19 \_\_\_\_\_  
 Approved JANUARY 19 19 72 Recorded in Book 12 Page 60

WATER RIGHT PERMIT NO. 1913-3

The Water Resources Commission hereby grants and issues this Water Right Permit No. 1913-3 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as modified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is 1908 AND 1954
2. The equivalent of at least one-fifth of the work above specified is ~~not~~ completed ~~on or before~~ \_\_\_\_\_
3. The whole of said work is ~~not~~ completed ~~on or before~~ \_\_\_\_\_
4. The time of time from proof of beneficial use of water appropriated in accordance herewith is COMPLETED
5. The water appropriated shall be used for the purpose of MUNICIPAL USE
6. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be injuriously affected by this appropriation.
7. The amount of the appropriation herein granted shall not exceed 1.13 cubic feet per second, neither shall it exceed the capacity of the above described water supply system, nor shall it exceed the amount of water needed for ~~irrigation purposes~~ USED FOR MUNICIPAL PURPOSES and if for the irrigation purpose and appropriation must be limited to not more than ~~the amount of water needed for irrigation purposes~~ 700 acre feet of water per annum of time ~~to which water is actually and beneficially applied for irrigation~~ on or before JUNE 30 1955 said water to be used during the following described annual period: CONTINUOUSLY

Witness my hand this 20<sup>TH</sup> day of JANUARY 19 72

WATER RESOURCES COMMISSION

By

[Signature]  
 Chief Engineer, Executive Officer

Certificate of Construction Issued JANUARY 20 19 72

Water License Issued JANUARY 20 19 72

NOTE: This Form is supplemental to Form 2, and is to be used when an affidavit pertaining to construction and water use, already completed, is needed.

### AFFIDAVIT OF CONSTRUCTION OF WATER USE SYSTEM AND APPLICATION OF WATER TO BENEFICIAL USE

Name of Applicant (Same as Form 2) City of ArlingtonPost Office Address Arlington, State South Dakota

If a Corporation show date and place of incorporation \_\_\_\_\_

## 13. Notice of Appropriation (If available)

Date of Posting \_\_\_\_\_ Date of Recording \_\_\_\_\_

Recording Date \_\_\_\_\_ Well No. 1, 190814. Date of start of construction of water supply system \_\_\_\_\_ Well No. 2, 195415. Date that water was first applied to beneficial use \_\_\_\_\_ 1908 and 195416. Name of owner of original water supply system \_\_\_\_\_ City of Arlington17. Amount of water originally applied to beneficial use 1908, 0.45  
1954, 0.60 c. f. s.

## 18. Present Use of Water

Amount of water now being used 1.13 c. f. s.Date that this amount of water was first used 1908 and 1954

## 19. Chronological History of Water Use

The wells were constructed during the year indicated and have been used since being constructed.

Attach to this Form 2B, any copies of notices, postings, filings, publications, affidavits, or other records that apply. You may also attach any written statement by you, or by others, that you deem pertinent.

STATE OF SOUTH DAKOTA )

County of King ) ss.

Clarence L. Meyer, the applicant, certify that I have read the foregoing and that the matters therein stated are true.

Signed

Clarence L. MeyerSubscribed and sworn to before me this 9<sup>th</sup> day of December, 1971

W. Lee John, City Auditor  
(Notary Public - or other qualified Officer)

I, the undersigned, do hereby certify that I know about the water use system described above that I have read the foregoing and that the matters therein stated are true.

Clarence L. Meyer  
W. Lee John, City Auditor

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 1913-3

(1) WHEREAS, On the 13th day of December A. D. 1971  
The City of Arlington

made Water Right Application No. 1913-3 Vested Right  
for a permit to use 1.13 cubic feet per second of the waters  
of ground water  
County of Kingsbury State of South Dakota, for municipal  
purpose and

(2) WHEREAS, On the 20th day of January A. D. 1972  
Vested Right Permit No. 1913-3 with a date of priority of 1904 and 1954  
recognizing  
was issued to said applicant for the diversion of said water, ~~xxxxxxx~~ the completion of construction of the water  
supply system therein described ~~xxxxxxxxxx~~ ~~xxxxxxxxxx~~ ~~xxxxxxxxxx~~ and ~~for~~ the  
application to beneficial use of said water ~~xxxxxxxxxx~~ ~~xxxxxx~~ ~~xxxxxxx~~

and:

(3) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota  
relating to completion of the construction of the water supply system and is entitled to divert 1.13 cubic feet  
per second of water for beneficial use and,

(4) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota  
relating to the application of water to beneficial use of the following extent,

water is used for municipal purposes by the City of Arlington

(5) NOW, THEREFORE, By the virtue of the authority vested in us by the laws of the State of South Dakota, We hereby grant and confirm to The City of Arlington

the holder Vested Right and owner 1913-3 of said permit No. 1908 and 1954 a water right, dating from 1.13 to use of ground water of 1.13 cubic feet per second of the waters

in the County of Kingsbury and State of South Dakota, or so much thereof as may be necessary for the purpose hereinbefore mentioned, to be diverted at points from the NE Corner, Section 1, T110N, R53W, Well No. 1, 1100 Feet South and 1670 Feet West and Well #2, 1600 Feet South and 1320 Feet West.

and ~~XXXXXXX~~ conducted through the City water distribution system

for the purpose of municipal use

Subject to any limitations listed in Water Right Permit No. 1913-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota  
this 20th day of January A. D.  
Nineteen Hundred and Seventy-two

WATER RESOURCES COMMISSION

By:

Chief Engineer, Executive Officer: J.W. CRIMES

Permit No. 1913-3Water Diversion No. 3 BIG SIOUX RIVER Water District

## CERTIFICATE OF CONSTRUCTION

This is to Certify, That the City of Arlington

the holder of  
**Vested Right** 1913-3, issued upon Application No. 1913-3, bearing date of priority of 1908 and  
1954 authorizing the diversion of 1.13 cu. ft. per second of the waters of ground water  
County of Kingsbury, State of South Dakota at points from the NE Corner, Section 1, T110N, R53W, Well No. 1, 1100 Feet South  
and 1670 Feet West and Well No. 2, 1600 Feet South and 1320 Feet West.  
Municipal use  
, for

purposes, has 8 complied with the provisions of the laws of the State of South Dakota relating to proof of  
 completion of the works of diversion set out and described in said Permit; that said works are ~~THAT~~ **recognized as** satisfactory  
~~THAT~~ for diverting and conveying to the place of intended use 1.13 cu. ft. per second of water.

Date January 20, 1972

WATER RESOURCES COMMISSION

By

J.W. GRIMES, Executive Officer

1913-3  
Water Rights Division  
605 773-3352

June 6, 1984

City of Arlington  
ATTN: Mayor Radman  
PO Drawer J  
Arlington SD 57212

Mayor Redman:

This letter is in regard to our phone conversation, June 4, 1984, concerning the new city well. The city of Arlington has a vented water right for 1.13 cubic feet per second from two wells. As this new well is a replacement for an existing well no new permit application will be required. However, we will require the following:

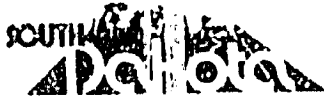
1. Map showing location of new well.
2. Log of new well.
3. Details of construction of new well.

When the above information is available please forward to this office. If you have any further questions, please contact this office.

Thank you,

KEVIN C LARSON  
Water Resources Engineer

KCL:ks



# Department of Water & Natural Resources

Joe Foss Building  
523 East Capitol  
Pierre, South Dakota 57501-3181

November 6, 1990

ARLINGTON CITY OF  
PO DRAWER J  
ARLINGTON SD 57212

Dear SIR :

A well drillers report filed with this office by HURON DRILLING INC indicates you have completed a new well. The well driller is required by South Dakota Codified Laws (SDCL 46-6-11) to file a well construction report.

The purpose of the enclosed "Summary of South Dakota Water Law and Water Right Information" is to provide general information regarding what types of water use in South Dakota require obtaining a permit to appropriate water. Based on the type of water use specified on the well driller's report, you probably need a water permit.

I am enclosing application forms and an instruction sheet for preparing a water permit application. The completed application can be submitted with the required fee to the "Water Rights Division, Joe Foss Building, 523 E. Capitol, Pierre, SD 57501". Please respond by 12/7/90.

If you have questions or need assistance contact Regan Fanning, Natural Resource Analyst (605-773-3352).

Very truly yours,

Ron Duvall  
Natural Resources Engineer  
for JOHN HATCH, Chief Engineer  
Water Rights Division

enclosure

# **South Dakota Department of Water & Natural Resources**

Joe Foss Building  
523 East Capitol  
Pierre, South Dakota 57501-3181

December 22, 1987

Town of Arlington  
PO Drawer J  
Arlington SD 57212

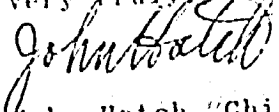
Dear Sir:

A well drillers report filed with this office by Huron Drilling Inc. indicates you have recently completed a new well. The well driller is required by South Dakota Compiled Laws (SDCL 46-6-11) to file a well construction report within 30 days of completion. The purpose of this letter and the enclosed "Summary of South Dakota Water Law and Water Rights Information" are to provide general information and to inform you, the well owner, of the responsibilities you have incurred.

1. If your new well was drilled as a replacement well and if you do not plan to use the old well, the old well is considered abandoned and must be plugged pursuant to SDCL 46-6-27. Other abandoned wells must also be plugged.
2. If the old well is not to be abandoned, or will be used, the well must still be sealed or capped at the surface pursuant to SDCL 46-6-27.

Please feel free to contact us if you have questions, need information or water permit application forms.

Very truly yours,



John Hatch, Chief Engineer  
Water Rights Division  
Phone: (605) 773-3352

cc: Well Driller

Enclosure

# Replacement well SOUTH DAKOTA WATER WELL COMPLETION REPORT

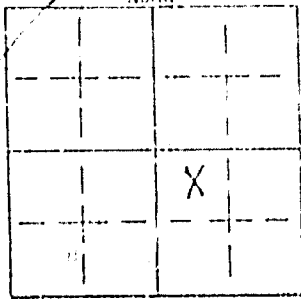
10-65

Location Sec 1 Twp 71N Rg 53

County Kingsbury

Please mark well location with an "X"

Well drilled  
good material  
log & description  
Rogers



Well Completion Date 3/3/87

## PROPOSED USE

- ☐ Domestic ☒ Municipal ☐ Test Hole  
☐ Irrigation ☐ Industrial ☐ Stock

Method of Drilling Rotary

## CASING DATA

- ☒ Steel ☐ Plastic ☐ Other

If other describe

| PIPEWEIGHT         | DIAMETER    | FROM          | TO            | HOLE DIAMETER    |
|--------------------|-------------|---------------|---------------|------------------|
| <u>28.55</u> LB/FT | <u>8</u> IN | <u>0</u> FT   | <u>584</u> FT | <u>13 3/4</u> IN |
| <u>34.55</u> LB/FT | <u>6</u> IN | <u>584</u> FT | <u>616</u> FT | <u>8</u> IN      |
| _____ LB/FT        | _____ IN    | _____ FT      | _____ FT      | _____ IN         |
| _____ LB/FT        | _____ IN    | _____ FT      | _____ FT      | _____ IN         |

## GROUT:

Was the well grouted? ☒ YES ☐ NO

To what depth? 584 FEET

What is grouting material? Portland Cement

If cement, number of sacks? 352

Describe grouting procedure forced flow

Down the inside of 8" steel casing

What was grout weight? \_\_\_\_\_ LB/GAL

SCREEN ☐ Perforated pipe ☒ Manufactured

Diameter 6 IN Length 32 FEET

Material 304 S.S.

Slot Size 40 Set From 584 Feet To 616 Feet

Slot Size \_\_\_\_\_ Set From \_\_\_\_\_ Feet To \_\_\_\_\_ Feet

Slot Size \_\_\_\_\_ Set From \_\_\_\_\_ Feet To \_\_\_\_\_ Feet

Other information

Was a packer or seal used? ☒ YES ☐ NO

If so, what material? Resin

Describe packer(s) and location? Resin around pipe

Was well disinfected upon completion? ☒ YES ☐ NO

Explain

Bacteriological analysis ☒ YES ☐ NO

Laboratory sent to Lab

Well Owner

Name James L. Robinson

Address 1001 1st St. S. Dak.

Well Log

Formation

| Formation              | From       | To         |
|------------------------|------------|------------|
| <u>Top Soil</u>        | <u>0</u>   | <u>3</u>   |
| <u>Yellow Clay</u>     | <u>3</u>   | <u>10</u>  |
| <u>White Clay</u>      | <u>10</u>  | <u>116</u> |
| <u>Green Clay</u>      | <u>116</u> | <u>316</u> |
| <u>Dark Green Clay</u> | <u>316</u> | <u>616</u> |
| <u>Green Rock</u>      |            |            |

STATIC WATER LEVEL 3.5 Feet

If flowing closed in pressure \_\_\_\_\_ PSI

GPM flow \_\_\_\_\_ through \_\_\_\_\_ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other, specify

Can well be completely shut in?

## WELL TEST DATA

☒ Pumped

☐ Bailed

☐ Other

Pumping Level Below Land Surface

3.5 ft After 5 Hrs pumped 150 GPM

\_\_\_\_\_ ft After \_\_\_\_\_ Hrs pumped \_\_\_\_\_ GPM

\_\_\_\_\_ ft After \_\_\_\_\_ Hrs pumped \_\_\_\_\_ GPM

## REMARKS

Under test well  
Good formation on  
Drill pipe well on 3rd  
well

This well was drilled under license # 44

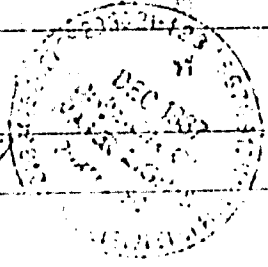
And this report is true and accurate

Drilling firm Geopet Drilling Inc

Signature of license Representative

Signature of Well Owner

Date 12/2/87





1913-3

DEPARTMENT OF WATER & NATURAL RESOURCES  
Joe Foss Building  
523 East Capitol  
Pierre, South Dakota 57501-3181

GREAT FACES. GREAT PLACES.

April 26, 1991

Ronald Campbell, Mayor  
City of Arlington  
PO Drawer J  
Arlington SD 57212

Dear Mayor Campbell:

The Water Management Board has validated the enclosed Vested Water Right No. 1913-3. This validation gives legal status to the claim and is the final document for your vested right.

As long as you use the water beneficially, as stated in the validation, State Water Laws provide that you have a continuing right to use the water.

Very truly yours,

A handwritten signature in dark ink, appearing to read "John Hatch".

JOHN HATCH, Chief Engineer  
Water Rights Division  
605 773-3352

enclosure

SOUTH DAKOTA

VALIDATION OF VESTED WATER RIGHT CLAIM NO. 1913-3

Date Claim Accepted For Filing December 13, 1971.

Date of Validation September 27, 1989.

Pursuant to SDCL 46-2A-17 the Water Management Board validated Vested Water Right Claim No. 1913-3 for the City of Arlington, PO Drawer J, Arlington, South Dakota 57212 with the following limitations, conditions and qualifications:

1. Vested Water Right No. 1913-3 appropriates 0.45 cubic feet of water per second (cfs) from Well No. 1 approximately 313 feet deep and 0.68 cfs from Well No. 2 approximately 617 feet deep. Well No. 1 is located in the NW 1/4 NE 1/4 and Well No. 2 in the SW 1/4 NE 1/4; all in Section 1, T110N, R53W.

2. The appropriated water is used for supplying water for the City of Arlington and may not exceed the amount of water needed for beneficial use for municipal purposes.

The water is to be used during the following annual period:  
January 1 - December 31

3. The priority dates of the Vested Water Right are: Well No. 1 - 0.45 cfs - January 1, 1908. Well No.2 - 0.68 cfs - January 1, 1954.

4. The water use system has been constructed and water has been applied to beneficial use.

5. Water Rights obtained in compliance with the laws of the State of South Dakota must not be unlawfully impaired by this appropriation.

WATER MANAGEMENT BOARD

By: \_\_\_\_\_

  
Chief Engineer

Division of Water Rights

Dept. of Water and Natural Resources

APR 29 1991

\_\_\_\_\_  
date

## Conversation or File Documentation

NAME OF PERSON OR FILE: Curt Tuttle, Maintenance Supervisor  
ADDRESS: City of Arlington Tract COUNTY: Kingsbury  
DATE: 7 May 1996 TELEPHONE: \_\_\_\_\_  
RE: Verify well plugging  
COMMENTS:

1913-3 City of Arlington has permit for two wells  
#1 drilled 1908 and #2 drilled 1954.

1985 Huron Drilling Drilled a replacement well for 1908  
well. At that time well #1 1908 was plugged and  
abandoned. Replacement well is approximately 20 feet  
south of well #1.

City will be connecting to Brookings-Denel/Kingsbrook  
RWS summer 1996

File in Permit or other file as necessary. Use to document conversations and  
what the other party was told; why action or decision was made.

NAME: John M. Miller

January 17, 2001

## 2000 South Dakota Water Use Questionnaire

To:

CITY OF ARLINGTON  
PO DRAWER J  
ARLINGTON SD 57212

Address correction requested:

City of Arlington

PO Box 379

Arlington, SD 57212

One questionnaire is being provided for each permitted water source. The following information is based on Water Permit/Right No. 1913-3. If you have other permits/rights in the same water source, also include water use under those permits/rights on this questionnaire.

Water Source: GROUNDWATER  
Aquifer: ALTAMONT  
Management Unit: NOT APPLICABLE

County: KINGSBURY  
Pumping Pt. Legal: SEC 01-T110N-R53W  
Type of Water Use: MUNICIPAL

- 1) Please estimate your year 2000 water use from the above water source: -0- gallons  
2) If no water use in 2000, please list the reason(s) why in the comments section.

Comments:

Kingsbury Rural Water thru the Big Sioux  
Aquifer is the primary water source for  
the City of Arlington. City's wells are on  
stand by for emergency situations only.

Contact Person:

Regene Lohan

Telephone No:

605-983-5251

Questions? Please call Mark Rath or Ron Duvall at 605 773-3352 for assistance.

Thank you for completing the 2000 water use questionnaire.

Water Rights on the Web: [www.state.sd.us/denr/wr](http://www.state.sd.us/denr/wr)

