

WATER PERMIT NO. 2281-2

Phone: 745-4145

Name of Applicant: Hot Springs School District 23-2

Post Office Address: 1609 University, Hot Springs SD 57747

Amount of Water Claimed: no add'l Total Acres: 1.5 acres

Source of Water Supply: groundwater

Water to be used for: irrigation County: Fall River

About _____ miles _____ of _____

PRIORITY Date Received: 4-6-93 Fee: \$50.00 Remarks: See Permit

No. 1835-2

Corrected Application Received: _____ Period of Annual Use: May 1 - Oct 31

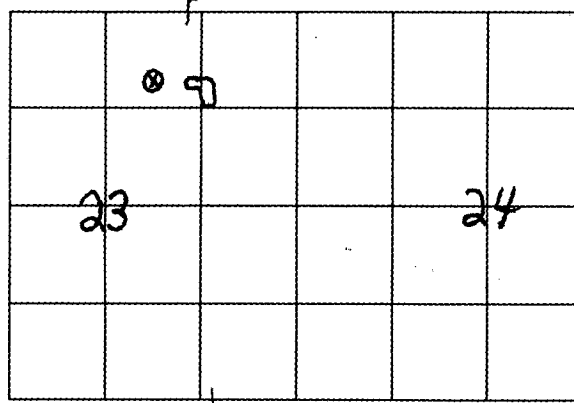
WATER QUALITY APPROVAL RECEIVED: NA APPROVED/CONDITIONAL (Circle one)

WI-1 Description same as Application YES _____ NO _____ REMARKS: _____

Diversion Point: NE 1/4 NE 1/4 Sec 23-T7S-R5E

Land to be Irrigated: NE 1/4 NE 1/4 Sec 23 and

NW 1/4 NW 1/4 Sec ²⁴34; all in T7S-R5E



Well Log: Driller: Raby Drilling Licensed YES X NO _____

Depth of Well: 140 ft REMARKS: Same well used for 1835-2

Type of Map: aerial PREPARED BY: Gary D. Kruse, SCS Reviewed and the Number

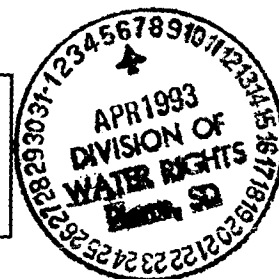
Assigned on: 4-8-93 By: Karen Schlaak

FORM 2: Application for irrigation in South Dakota

(type or print)

Mail to:
Water Rights Division
Joe Foss Building
523 E Capitol
Pierre SD 57501-3181
605 773-3352

No. 2281-2 Hydrologic Unit 10120109
Basin Upper Cheyenne
Newspaper Hot Springs Star, Box 1000, Hot Springs
(office use only)



Application For Soil/Water Compatibility Permit And Permit To Appropriate Water

Type of Application: ☒ New ☐ Vested Right ☒ Amendment/Correction to Permit No. 1835-2
(check one) (Use predates Mar 2, 1955)

Description of amendment/correction: (i.e. acreage change, change diversion point(s), add diversion point(s), etc.)

~~add acreage~~

- Name of Applicant Hot Springs School Dist 23-2 Phone 745-4145
(check one) ☐ Owner ☐ Tenant/lessee
- Mailing Address 1609 University Hot Springs State S.D. 57747
(Street, RR, or Box) (City) (Zip Code)
- Amount of water claimed no add'l *CFS or **GPM ***AF Total Acreage 1.5
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout if applicable)
- Source of water supply Well Existing
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)
NE 1/4 NE 1/4 523-TTS-R5
- County Fall River
- County or counties where water will be used Fall River
- Annual period during which water is to be used May 1 thru Oct 31
- List below each forty acre subdivision, or lot, or fraction thereof and show number of acres to be irrigated in each.
(Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres
<u>NE 1/4 NE 1/4 523-TTS-R5</u>	<u>.3</u>		
<u>NE 1/4 NE 1/4 524-75</u>	<u>1.2</u>		
<u>NW 1/4 NW 1/4</u>			

- Type of Irrigation: Gravity: ☐ Towline: ☐ Center Pivot: ☐ Gun: ☒ Other (Specify): Underground Pop up
- Crops to be irrigated: Lawn
- Give a description of the project. (Attach sheet if more space is needed)

Irrigate Lawn grass around high school and middle school buildings with use of underground sprinkler system

Attachments: Attach Form 2A if diversion is from a well or dugout, or if storage of water is proposed. Attach maps, soils information and any other technical information. (see instructions)

STATE OF SOUTH DAKOTA

County of Fall River ss

I, Lyle Arneson, the applicant, certify that I have read this application and examined the attached maps, that the water sample, if needed, has been taken by the required procedures and has not been adulterated or tampered with and is representative of the water to be used, and that the matters stated in this application are true and correct.

Signed

Lyle Arneson

Subscribed and sworn to before me this 1 day of April 19 92

William D. Lynch

Notary Public

My Commission Expires 4-9-95

**SOUTH DAKOTA
WATER PERMIT NO. 2281-2**

Date of first receipt of application April 6, 1993.

Date Soil/Water Compatibility Permit received February 11, 1983.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 2281-2 to Hot Springs School District 23-2, 1609 University, Hot Springs SD 57747 authorizing the construction of the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 2281-2 authorizes irrigation of an additional 1.5 acres. Water Permit No. 1835-2 appropriates 0.14 cubic feet of water per second (cfs) from one well 140 feet deep (Minnekahta Limestone) located in the NE 1/4 NE 1/4 Section 23 to irrigate 10.2 acres located in the NE 1/4 NE 1/4 Section 23 and the NW 1/4 NW 1/4 Section 24; all in T7S-R5E. This permit is to irrigate from the existing well, an additional 1.5 acres located in the NE 1/4 NE 1/4 Section 23 and the NW 1/4 NW 1/4 Section 24; all in T7S-R5E. This permit does not authorize any increase in the developed diversion rate.
2. The amount of the appropriation may not exceed 2 acre feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: May 1 - October 31.
3. The date from which applicant may claim right is April 6, 1993.
4. The date of approval of Permit No. 2281-2 is June 28, 1993.
5. One-fifth of the construction is to be completed on or before December 28, 1995.
6. All construction is to be completed on or before June 28, 1998.
7. Water is to be put to beneficial use on or before June 28, 2002.
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. This permit is approved subject to the irrigation water use questionnaire being submitted each year.

WATER MANAGEMENT BOARD

By: _____

John Hatch
John Hatch, Chief Engineer
Water Rights Division
Department of Environment and Natural Resources

JUL 22 1993

date

Supplemental Information

(type or print in ink)

1. Well Information - Proposed Construction

See Well Completion Report in Permit No. 1835-2

- a) Drill Hole Diameter 6" - 10" Depth 350'
- b) Casing Type Concrete - Steel Diameter _____ Thickness _____
- c) Screen Type _____ Diameter _____ Thickness _____
- d) Gravel Pack Thickness _____ Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material 150'
- f) Depth to Water (ground surface to water level) 150'
- ✓ g) Distance to nearest existing domestic well:

On applicants property _____ On property owned by others approx 200 Rods

2. Dugout Information

- a) Surface Dimensions _____ Depth _____
- b) Depth to water (ground surface to water level) _____

3. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

- a) If a private engineering firm or government agency was involved in the design of this dam, please give their name and address:

b) Freeboard _____

c) Crest Width _____

Crest Length _____

d) Height _____

e) Primary Outlet Capacity _____

If pipe, diameter _____

f) Secondary Spillway Capacity _____

Spillway Width _____

g) X & Y Slope

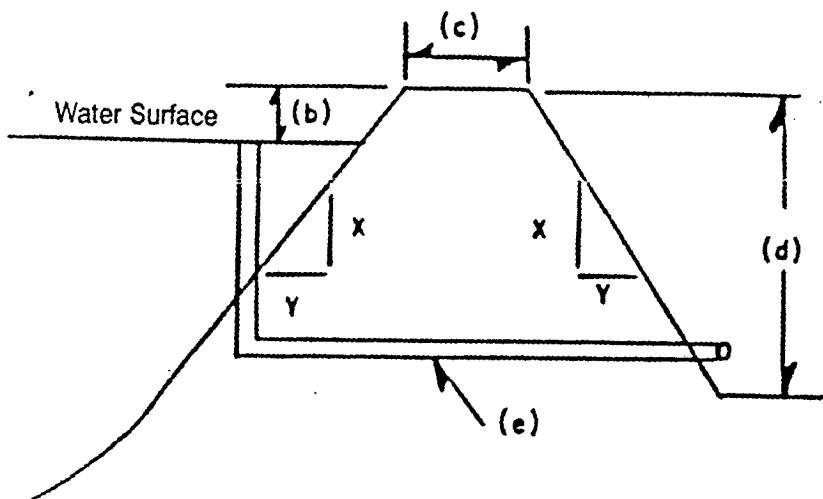
Upstream _____

Downstream _____

h) Surface Area of Impoundment _____

i) Storage _____ Acre Feet

j) Drainage Area above Dam _____ Acres



6760

Remarks: Well was drilled to 115 ft
to 7" and cased with 6" PVC
and sealed 115' to 140 ft drilled
5 7/8" and 5" Well screen installed
through Broken Limestone area

(Use Back if Necessary)

Date _____

RECEIPT

413717

Division of Water Rights

South Dakota Department of Environment and Natural Resources

Pierre, _____ April 6, 19 93

RECEIVED OF Hot Springs School Dist 23-2, Hot Springs, SD 57747

the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. <u>2281-2</u> to Appropriate Water, to construct and to put water to beneficial use _____	50	00
Fee for Application for Permit No. _____ to Appropriate Water, for Future Use _____		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____		
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	50 00

By John Hatcher
Chief Engineer

Division of Conservation

4013

WR#

4015

OWNERS NAME: Hot Springs School Dist. 23-2 OWNERS ADDRESS: 1910 Jennings
Hot Springs, South Dakota 57747

COUNTY LAND LOCATED IN: Fall River PHONE: 745-4145

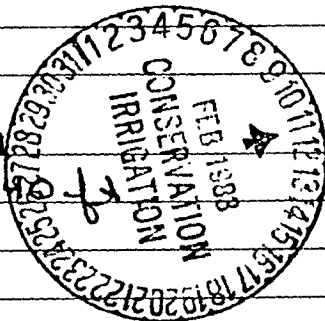
TENANT'S NAME AND ADDRESS: _____

LEGAL DESCRIPTION: (Show Legal Description to Nearest 10 Acres)

1. WELL LOCATION Attached See sample # 83-0107
 Depth 350 ft. NE⁴NE⁴ 23-7-5 = 10.2

2. SURFACE WATER SOURCE AND DIVERSION LOCATION: _____

Diversion Location _____



Legal Description	Acres	Legal Description	Acres
NE ⁴ NE ⁴ sec 23-7-5	7.4		
NW ⁴ NW ⁴ 24-7-5	2.8		
	10.2	acres	

3. SHOW ANY PORTION OF LAND THAT PRESENTLY HOLDS AN IRRIGATION PERMIT: YEAR OBTAINED _____

LEGAL DESCRIPTION: _____

IN WHAT NAME: _____

4. LOCATION OF AREA TO BE IRRIGATED NOTE: SOILS INFORMATION FOR THIS AREA MUST ACCOMPANY THE APPLICATION. (See instruction sheet)

OTHER: _____

5. TYPE OF IRRIGATION: GRAVITY: _____ TOWLINE: _____ CENTER PIVOT: _____ GUN: ☒ (Specify) _____

6. CROPS TO BE IRRIGATED: Grass around school buildings and football field

WATER QUALITY: (TO BE COMPLETED BY SDSU WATER QUALITY LABORATORY)

7. WATER SAMPLE NUMBER: City Water

10. ADJUSTED (SAR): (.7) = .4

8. SALINITY (EC X 10⁶): 730

11. PERCENT SODIUM 25

9. SODIUM (SAR): 1.14

also see sample #

83-0107

I hereby certify that I personally obtained or that I personally observed that taking of a sample of the water to be used in irrigating the above-described land. I also hereby certify that the required procedures for the taking of the sample (see instruction sheet) were followed, and that the sample was taken at _____ a.m./p.m., on _____, 19____, at the following location: _____

by (individual who took sample if other than applicant). I also hereby certify that the water sample taken has NOT been adulterated or tampered with in any manner, and is TRULY REPRESENTATIVE of the water which will be used in irrigating the above-described land.

Signature _____

I understand that the Division of Conservation or agents thereof may obtain water samples from wells and surface bodies to be used for irrigation purposes to validate water samples taken at the time of application. The Department of Agriculture may also gather technical information necessary to protect the land. (46-5-6.4).

SUBSCRIBED AND SWORN BEFORE ME THIS

3rd DAY OF Feb 19 83

William F. Dyer
 (NOTARY PUBLIC)

Noreen Petty
 APPLICANT'S SIGNATURE

Jack M. Fildes
 Director, Division of Conservation

3-10-83
 Date

amended 5-5-83

IMPORTANT

Action by the Department of Agriculture or the State Conservation Commission is not the final action on any application. In all cases a WATER RIGHT must be obtained from the Board of Water Management, Foss Building, Pierre.

APPROVED _____
 DISAPPROVED _____
☒ CONDITIONALLY APPROVED

Conditional soil/water permits will be recorded by the Department of Agriculture, with the County Register of Deeds.

NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 23

NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 24

2.8 acres - Sec 24 - 7-5
7.4 acres - Sec 23 - 7-5
10.2 Total

Township 7 Range 5

Signature:

1.5 Ac.

2281-2

Sandy D. Kume
District Conservationist
Soil Conservation Service

File No.

**Water Rights Division
File Documentation**

NAME OF PERSON OR FILE: Lyle Arneson - Hot Springs School District 23-2

ADDRESS: Hot Springs SD 57747 COUNTY: Fall River

DATE: 4-6-93 TELEPHONE: 745-4145

RE: Pending application

COMMENTS:

I called Mr. Arneson to verify the lands to be irrigated. Mr. Arneson stated the lands to be irrigated would be 0.3 acres located in the NE 1/4 NE 1/4 Section 23 and 1.2 acres located the NW 1/4 NW 1/4 Section 24; all in T7S-R5E.

Karen Schlaak
Karen Schlaak
Natural Resources Analyst

REPORT ON APPLICATION NO. 2281-2
for Hot Springs School District 23-2
May 11, 1993

Application No. 2281-2 proposes to irrigate an additional 1.5 acres. Water Permit No. 1835-2 appropriates 0.14 cfs from one well 140 feet deep located in the NE 1/4 NE 1/4 of section 23 to irrigate 10.2 acres located in the NE 1/4 NE 1/4 of section 23 and the NW 1/4 NW 1/4 of section 24; all in T7S R5E. This application is to irrigate from the existing well, an additional 1.5 acres located in the NE 1/4 NE 1/4 of section 23 and the NW 1/4 NW 1/4 of section 24; all in T7S R5E in Fall River County. This application, if approved, does not authorized any increase in the developed diversion rate.

AQUIFER - MINNEKAHTA LIMESTONE (MNKT)

The Minnekahta Limestone is a grayish-pink, laminated, locally dolomitic, limestone which is approximately 50 feet thick in this area (Wolcott, 1967). The Minnekahta underlies 1.09 million acres and contains an estimated 2.732 million acre feet of recoverable water in storage in Fall River County (Allen, 1984). The Minnekahta is confined and under artesian conditions at this site. According to the driller's log submitted with the application, the Minnekahta was encountered at a depth of 115 feet and drilling continued to a depth of 140 feet. The formation was described as cavernous. The completed well was capable of producing 100 gpm and had a static water level of 66 feet below land surface.

The Division of Water Rights does not monitor any observation wells completed into the Minnekahta Limestone in this area. Very little is known about historical water levels for this area.

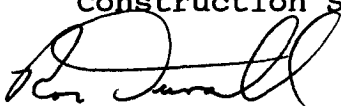
REVIEW OF EXISTING WATER PERMITS/RIGHTS

There is one existing permit No. 2190-2 for water from the Minnekahta located about 1/4 mile west of this application. Interference is not expected to be a concern. Both of these wells are capable of diverting the amount of water requested and the distance between diversion points is sufficient to minimize any affects caused by drawdown.

CONCLUSIONS

1. Water is available from the Minnekahta Limestone.
2. The aquifer is confined and under artesian conditions. Drawdown will result from pumping. This is not expected to adversely affect the water availability from the aquifer. The diversion rates are relatively small and the distance between diversions is sufficient to minimize any potential affects.

3. This well is constructed in accordance with SD Well Construction Standards.



for James A Goodman
Natural Resources Engineer

BIBLIOGRAPHY

Allen, J.C., D.L. Iles, A.K. Petres, 1984, Analysis of Groundwater and Streamflow Data Western Dakotas Region of SD, for US Army Corps of Engineers, SD DENR, SDGS, Vermillion, SD, 57069.

Wolcott, D.E., 1967, Geology of the Hot Springs Quadrangle Fall River and Custer Counties, SD, USGS Bulletin 1063-K, Washington, DC.

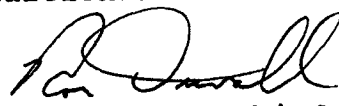
RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 2281-2, Hot Springs School District 23-2

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Environment and Natural Resources concerning Water Permit Application No. 2281-2, Hot Springs School District 23-2, c/o Lyle Arneson, 1609 University Avenue, Hot Springs, SD 57747.

The Chief Engineer is recommending APPROVAL of Application No. 2281-2 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) in the public interest with the following qualifications:

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.


for JOHN HATCH, Chief Engineer
May 19, 1993



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

NOTE: TO BE SURE OF PUBLICATION ON
THE CORRECT DATES, CONTACT
THE NEWSPAPER RIGHT AWAY.

May 20, 1993

Lyle Arneson
Hot Springs School District 23-2
1609 University Avenue
Hot Springs, SD 57747

Dear Mr. Arneson:

Water Permit Application No. 2281-2 for irrigation use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of hearing has been sent to the Publisher of the Hot Springs Star printed at Hot Springs, SD (Ph # 745-4470). For your information, a copy of the notice, the recommendation of the Chief Engineer and a report on the application are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspaper to authorize publication of your Notice of Hearing and to arrange for payment. Early contact with the paper can eliminate delays. The publisher has been instructed to publish your notice once each week for two consecutive weeks with the last publication to occur twenty days before the board meeting. The newspaper has been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the application.

Sincerely,

Eric Gronlund
Eric Gronlund

Natural Resources Engineer
605 773-3352

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's recommendation, you must file a petition pursuant to the procedures outlined in the attached notice of hearing. The Water Management Board will then consider your concerns during a hearing on the application.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

May 20, 1993

Hot Springs Star
Box 1000
Hot Springs, SD 57747

ATTENTION: Legal Department

Enclosed is a Notice of Hearing on Application No. 2281-2 to be published twice. Please publish the first notice on June 1, 1993, with the second publication 7 days later.

The APPLICANT MUST VERIFY TO YOU THAT THE NOTICE IS TO BE PUBLISHED, before you make the first publication. Please BILL the APPLICANT for the cost of publication. The APPLICANT is the Hot Springs School District 23-2, 1609 University Avenue, Hot Springs, SD 57747 (Ph # 745-4145).

A copy of BOTH publications must be SENT to the WATER RIGHTS DIVISION. IMMEDIATELY return the FIRST publication with the FIRST Transmittal form on the bottom of this page. The first copy is needed to check the publication for errors so any corrections can be made in the second publication. Publication errors can invalidate the public notice and cause the applicant costly delays.

Please be sure the SECOND publication is returned IMMEDIATELY with the enclosed Proof of Publication form. DO NOT WAIT until the end of the month or the billing cycle. No action may be taken on the permit application until proof of publication has been received.

Sincerely,

Eric Gronlund
Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

-----CUT HERE-----
FIRST TRANSMITTAL NOTICE TO: Eric Gronlund
Water Rights Division
Joe Foss Building
Pierre SD 57501-3181

No. _____

Date _____
We are in receipt of your letter of _____ enclosing Notice of
Hearing to Appropriate Water by Application No. _____ which was first
published in our issue of _____. ENCLOSED IS A COPY OF THIS
FIRST PUBLICATION.

Name

Newspaper

Instruction to Newspaper - Publish first Notice on June 1, 1993, with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF HEARING on Application No. 2281-2 to Appropriate Water

Notice is given that the Hot Springs School District 23-2, 1609 University, Hot Springs, SD 57747 has filed an application for a water permit to irrigate an additional 1.5 acres. Water Permit No. 1835-2 appropriates 0.14 cubic feet of water per second (cfs) from one well 140 feet deep (Minnekahta Limestone) located in the NE 1/4 NE 1/4 Section 23 to irrigate 10.2 acres located in the NE 1/4 NE 1/4 Section 23 and the NW 1/4 NW 1/4 Section 24; all in T7S-R5E. This application is to irrigate from the existing well, an additional 1.5 acres located in the NE 1/4 NE 1/4 Section 23 and the NW 1/4 NW 1/4 Section 24; all in T7S-R5E. This application, if approved, does not authorize any increase in the developed diversion rate.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 2281-2 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. Unless a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation, the Water Management Board will NOT CONDUCT a HEARING to consider this application and the chief engineer will issue the permit as recommended. Petitions filed in support of the application will NOT require the Board to hear the application.

Any person interested in opposing or supporting this application must file a written petition with BOTH the applicant and Chief Engineer. The applicant must also file a petition if opposed to the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by June 18, 1993. The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained.

For purposes of publishing 1) the notice of hearing on Application No. 2281-2 and 2) the chief engineer's recommendation, a meeting at the Division of Water Rights office to hear this application is scheduled for June 28, 1993, at 9:00 am in Room 413, Joe Foss Building, 523 E Capitol, Pierre SD. If this application is opposed or the recommendation is contested, the June 28, 1993, hearing date will be rescheduled for a regularly scheduled Board meeting. Notice of the time and place of the rescheduled hearing before the Board will be given by First Class Mail to the applicant and persons filing petitions. Anyone not filing a petition, but interested in attending the hearing, may contact the Division of Water Rights to confirm a hearing date and location. The June 28, 1993, hearing date will be automatically delayed for at least 20 days upon written request to the Chief Engineer from the applicant or any interested person opposing the application. The request for an automatic delay must be filed by June 18, 1993.

If a hearing is held, the Chief Engineer's recommendation is not final or binding upon the Board. The Board is authorized to 1) approve, 2) approve with qualifications, 3) defer, or 4) deny this application based on the facts presented at the public hearing. Any hearing will be an adversary proceeding. Any person filing a petition and/or the applicant have the right to be represented by a lawyer and may present evidence or cross-examine witnesses according to SDCL 1-26. These and other due process rights will be forfeited if not exercised. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law. Contact Eric Gronlund by June 18, 1993, at the above Water Rights Division address to request copies of information pertaining to this application, to assure access to the hearing by the handicapped or to obtain an interpreter for the hearing impaired.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-16; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15, 46-2A-20, 46-2A-21; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-30.4, 46-5-31; 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14, 46-6-26; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15. Robert E. Roberts, Secretary, Department of Environment and Natural Resources.



JUL 22 1993

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

Lyle Arneson
Hot Springs School District 23-2
1609 University
Hot Springs, SD 57747

Dear Mr. Arneson:

Enclosed is Water Permit No. 2281-2 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

Also enclosed is Form 10, Notice of Completion of Works and Application of Water to Beneficial Use, which you are to complete and submit to the Chief Engineer when you have completed the system and/or have put the water to beneficial use. An inspection can then be scheduled so that the Water License may be issued, thus completing your acquisition of a Water Right.

Very truly yours,

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

enclosures

PLEASE NOTE: Certain changes can be made in your permit within the five year construction period, usually without affecting the priority date provided an application to amend your permit is made within the five year period - i.e. changes in location or number of diversion points (wells) or location of land to be irrigated. Well locations for wells into the same aquifer can be moved up to 660 feet without application.

Applications to amend a permit after the five year construction period will be assigned a new priority date. Applications to change water sources, to add lands or increase original diversion rates, if approved will usually receive the date of the new application as a priority date regardless of the five year construction period.

Date 9/22/93


(signature)



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

November 21, 1995

2281-2

Bill Lynch
Hot Springs School Dist.
1609 University
Hot Springs, SD 57747

Dear Mr. Lynch:

The inspection of your water use system and the inspection of the extent of application of water to beneficial use, as developed under Water Permit No. 2281-2, has been completed. Your final water right document, the Water License, can now be issued.

Statutes require that we charge a \$50.00 fee for the inspection and issuance of the Water License. Upon receipt of the \$50.00 fee from you, we will begin processing your Water License.

Please remit fee to:
Department of Environment & Natural Resources
Water Rights Program
523 E. Capitol
Pierre, SD 57501-3181

South Dakota Water Law 46-5-30.1 requires that a permit holder may not divert water until the \$50.00 license fee has been paid. Please contact us if you have any questions.

Sincerely,

Cheryl F. Frost
Secretary
Water Rights Program
(605) 773-3352

NOTE: On check or money order, please specify your permit number. This will insure proper handling of the fee.

RECEIPT

414718

Division of Water Rights

South Dakota Department of Environment and Natural Resources

Pierre, _____ December 18, 19 95

RECEIVED OF Hot Springs School Dist, 1609 University, Hot Springs, SD 57747

the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use _____		
Fee for Application for Permit No. _____ to Appropriate Water, for Future Use _____		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. <u>2281-2</u>	50	00
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	50 00

By John H. Hester
Chief Engineer

Permit No. 1835-2/2281-2

- Water District

Report Of Examination Of Works And/Or Application of Water To Beneficial Use

TO: Chief Engineer, Water Rights Program, DENR, Foss Bldg., Pierre, SD 57501

I have this day, 8/15/1995, made a thorough examination of the water use system owned by Hot Springs School District of 1609 University, Hot Springs, SD 57747, holder of Permit Nos. 1835-2 and 2281-2, bearing the priority of February 7, 1983 and April 6, 1993, authorizing the diversion of 0.14 cu. ft. per second of the waters of groundwater for irrigation purposes, in Fall River County.

I have to report on the conditions of the same as follows:

- A. Works used to divert the water:
A submersible pump, 40 gallons per minute capacity.
A 5 horsepower submersible motor.
- B. Works used to transport water to place of use:
1500 feet of 4 inch Aluminum pipe.
- C. Works used to apply water to beneficial use:
16 sprinkler heads of various sizes.

The system is in the following condition Good. The point of diversion is located about 700 feet west, 900 feet south from the northeast corner of Section 23, T7S-R5E (NE1/4 NE1/4). The works are capable of diverting and conveying to the place of use 0.09 cu. ft. per second of water which is used for irrigation. Water has been put to beneficial use to the maximum extent as follows: All T7S-R5E:

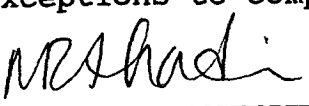
NE1/4 NE1/4 Section 23	4.3 acres
NW1/4 NW1/4 Section 24	1.0 acres

comprising a total of 5.3 acres of land and the license should be issued for 0.075 cfs.

Applicable permit qualifications have been complied with: Yes X No

Exceptions to compliance are: None

Date Report Completed: 10/12/1995



M. Rassool Ahadi
Natural Resources Engineer
DENR, Water Rights Program

REPORT ON INSPECTION OF PERMIT NO.1835-2/2281-2

DATE OF INSPECTION: 8/15/1995

NAME & ADDRESS OF INSPECTION CONTACT/ Bill Lynch, 1609 University, Hot Springs, SD 57747
RELATIONSHIP TO PERMIT HOLDER, IF APPLICABLE: Groundskeeper

NAME & ADDRESS OF PERMIT HOLDER: Same as above

DIVERSION POINT LEGAL LOCATION: NE1/4 NE1/4 Section 23, T7S-R5E

WELL INFORMATION:

- 1) Well Drilling Firm: **Raby Drilling**
- 2) No. of Wells **1**
- 3) Depth(s) **140** feet
- 4) Well log is available **Y**

Casing:

- 1) Diameter **6** inches
- 2) Length **115** feet
- 3) Type **PVC**

Screen:

- 1) Type **PVC**
- 2) Length **25** feet
- 3) Static water level **70** feet

Pump:

Irrigation around the buildings: 6 sprinklers, 2 gpm each.

- 1) Make **Submersible** **Football Filed: 12 sprinklers, 4 gpm each.**
- 2) Model **4CM15** **Practice Field: 4 sprinklers, 6 gpm each.**
- 3) Size **4** inch **Not all the acreage is irrigated at the same time.**
- 4) Capacity **40** GPM

Motor:

- 1) Make **Submersible**
- 2) Model No.
- 3) Horsepower rating **5** hp

DISTRIBUTION LINES OR CANALS:

- 1) Type **Aluminum**
- 2) Size **4** inches
- 3) Length **1500** feet

PERMIT QUALIFICATIONS AND REGULATIONS:

- 1) Soil and water permit lands agree with lands being irrigated and lands listed on permit Y
- 2) Special qualifications to permit being abided by Y
- 3) All structures, wells and lands on map Y
- 4) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period Y



MA Shand

10-12-95

Nat. Res. Engineer

1835-2/2281-2

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 2281-2

(1) Hot Springs School District 23-2, 1609 University, Hot Springs SD 57747 made Application No. 2281-2, April 6, 1993 for a water permit to divert no additional water from groundwater (one well), Fall River County, South Dakota for irrigation purposes. Permit No. 2281-2, with a priority date of April 6, 1993 was approved June 28, 1993 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before June 28, 1998 and for the application to beneficial use of said water on or before June 28, 2002.

The permit holder submitted a "*Notice of Completion of Works and Application of Water to Beneficial Use*" on September 28, 1993. The "*Notice*" stated the diversion system was completed on August 15, 1993 and the water placed to beneficial use August 15, 1993.

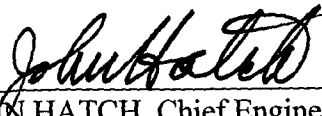
Water Permit No. 2281-2 authorized irrigation of an additional 1.5 acres from the well authorized by Water Permit No. 1835-2. A priority date of February 7, 1983 (established by Water Right No. 1835-2) is retained since the number of acres irrigated is less than the number of acres authorized by Water Right No. 1835-2. The applicable portions of Water Permit No. 1835-2 have been incorporated into this Water License No. 2281-2.

(2) It is certified that the applicant has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 0.075 cubic feet of water per second for beneficial use. The location of the diversion point is 700 feet west and 900 feet south from the northeast corner of Section 23-T7S-R5E (NE 1/4 NE 1/4).

(3) The applicant has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use to irrigate the following land: **All in T7S-R5E**

Section 23	NE 1/4 NE 1/4	4.3 acres
Section 24	NW 1/4 NW 1/4	1.0 acres
	Total	5.3 acres

(4) Pursuant to South Dakota Water Law 46-5-30.1 Hot Springs School District 23-2, 1609 University, Hot Springs SD 57747 the holder and/or owner of Incorporated Water Permit No. 2281-2 is issued a license to appropriate water, the right to use 0.075 cubic feet of water per second from groundwater (one well) with a priority date of February 7, 1983 from the location specified in (2) of this license. The water to be conducted to and upon lands specified in (3) of this license for the purpose of irrigation. This license is subject to any limitations or qualifications listed in Incorporated Water Permit No. 2281-2 and subject to South Dakota State Law.


JOHN HATCH, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

APR 4 1995
date





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

APR 4 1996

2281-2

Bill Lynch, Groundskeeper
Hot Springs School District 23-2
1609 University
Hot Springs, SD 57747

Dear Mr. Lynch:

Enclosed is Water License No. 2281-2. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 414718 in the amount of \$50.00 which you paid for the inspection and issuance of the Water License.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the well authorized by Water Right No. 2281-2, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

As long as you use the water beneficially, as stated in the Water License, the State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Program
(605) 773-3352

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enclosures

NOTE: The applicable portions of Water Permit No. 1835-2 have been incorporated into this Water License No. 2281-2.



APR 16 2002

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

2422-2
2281-2

Lyle Arneson
Hot Springs School District
1609 University Avenue
Hot Springs, SD 57747

Dear Mr. Arneson

Enclosed is Water License No. 2422-2. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 416103 in the amount of \$50.00 which you paid for the investigation and issuance of the Water License.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the well authorized by Water Right No. 2422-2, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

As long as you use the water beneficially, as stated in the Water License, the State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

Note: The applicable portions of Water Right No. 2281-2 have been incorporated into Water License No. 2422-2.