

WATER PERMIT NO. 348A-3

Name of Applicant: Watertown Municipal Utilities Department

Address: 901 4th Ave SW, Watertown SD 57201 Phone: 605 882-6233

Amount of Water Claimed: 0.80 Total Acres: NA

Source of Water Supply: groundwater (one well)

Water to be used for: municipal County: Codington

Type of Waste Disposal System:

Location:

PRIORITY Date Received: 5-11-05 Application/License Fee: \$100

Corrected Application Received: Period of Annual Use: January 1 – December 31

Remarks: Transfer diversion authority (0.80 cfs) and priority date (August 1, 1932) from Water Right No. 348-3 (Well #1) to Water Right No. 5462-3 (Well #3A)

Diversion Point: SE ¼ SW ¼ Sec 25-T117N-R53W

Land to be Irrigated: NA

Depth of Well: 32 feet deep

Well Driller: : Bullis Bros.

Remarks:

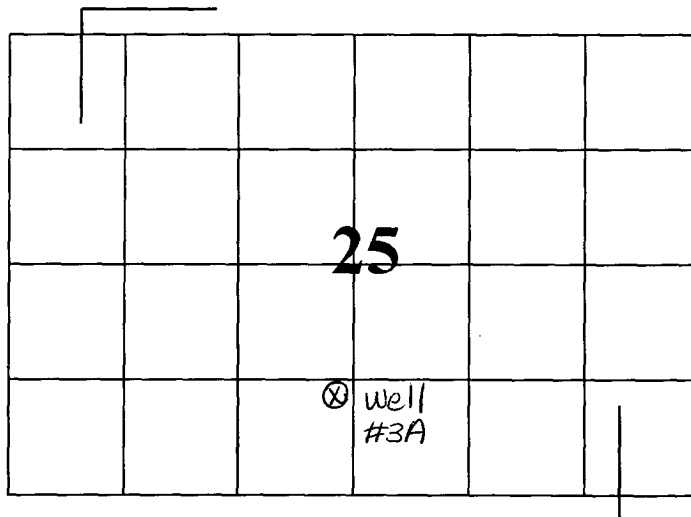
Type of Map: aerial

Prepared by: Mark Rath

Reviewed and the Number Assigned on: 5-11-05

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____



Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>348A-3</u> (office use only) Hydrologic Unit <u>1070202</u>
	Basin <u>Sioux River</u>
	Newspaper <u>Public Opinion, Watertown</u>

RECEIVED
MAY 11 2005
WATER RIGHTS
PROGRAM

Application For Permit To Appropriate Water Within The State Of South Dakota

Check use(s) of water:

- | | | | |
|---|---|--|--|
| ☒ Municipal | ☐ Suburban Housing | ☐ Recreational | ☐ Institutional |
| ☐ Rural Water System | ☐ Commercial | ☐ Fish & Wildlife | ☐ Geothermal Heat |
| ☐ Domestic (over 18 gpm) | ☐ Industrial | ☐ Other _____ | |

Type of Application: (check one)

- ☐ New ☐ Vested Right (Use predates Mar 2, 1955) ☐ Future Use Reservation
☐ Place to Beneficial Use Water Reserved by Future Use Permit No. _____
☒ Amendment/Correction to Permit No. 348-3 / 5462-3

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

Transfer diversion authority & priority date from Well # 1(Right # 348-3) to Well # 3A (Right # 5462-3)
(0.80 cfs) (August 1, 1932)

1. Name of Applicant Watertown Municipal Utilities Department Phone 882-6233
(check one) ☐ Owner ☐ Tenant/lessee
Mailing Address 901 4th Ave SW Watertown State SD 57201
(Street, RR, or Box and City) (Zip Code)
2. Amount of water claimed 0.80 *CFS or 0.080 **GPM 0.080 ***AF
(*Cubic Feet per Second) (**Gallons per Minute) (**Acre Feet - storage capacity of dam/dugout or annual use if applicable)
3. Source of water supply Big Sioux North Aquifer
4. Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County Codington
SE 1/4 SW 1/4 Sec 25 - T117N - R53W
5. County or counties where water will be used Codington
6. Annual period during which water is to be used Year round Jan 1 - Dec 31
7. Give a description of the project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

STATE OF SOUTH DAKOTA)

County of Codington)

SS

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

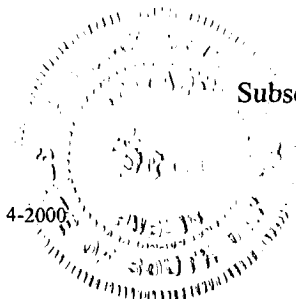
I, Jeff DeVille, the applicant, certify that I have read this application, have examined the attached map and that the matters stated are true and that I intend, and am able to complete the necessary construction.

Applicant's signature Jeff DeVille

Subscribed and sworn to before me this 6th day of May 20 05

exp June 6, 2010

[Signature]
Notary Public signature



SOUTH DAKOTA
WATER PERMIT NO. 348A-3

Date of first receipt of application May 11, 2005.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 348A-3 to Watertown Municipal Utilities Department, 901 4th Ave SW, Watertown SD 57201 authorizing the transfer of diversion authority and placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 348A-3 amends Vested Water Right No. 348-3 by transferring diversion authority to the well authorized by Water Right No. 5462-3. Water Right No. 348-3 authorizes 0.80 cubic feet of water per second (cfs) from one well completed into the Big Sioux North Aquifer (32 feet deep) located in the NW ¼ SE ¼ Section 25-T117N-R53W with a priority date of August 1, 1932. Water Right No. 5462-3 authorizes 1.1 cfs from one well completed into the same aquifer located in the SE ¼ SW ¼ Section 25-T117N-R53W. The well authorized by Water Right No. 348-3 has been abandoned and plugged. This permit authorizes the transfer of diversion authority and retains the August 1, 1932 priority date established by Water Right No. 348-3 to the well authorized by Water Right No. 5462-3. The remaining 0.30 cfs authorized by Water Right No. 5462-3 will retain a priority date of July 3, 1990. No additional appropriation of water is authorized by this permit.
2. The water appropriated shall be used for the purpose of municipal use and may not exceed the amount of water needed for beneficial use.
3. The water is to be used during the following described annual period: January 1 – December 31.
4. The date of approval of Permit No. 348A-3 is June 20, 2005.
5. The date from which applicant may claim right is August 1, 1932 (0.80 cfs) established by No. 348-3; and July 3, 1990 (0.3 cfs) established by No. 5462-3.
6. 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. Water Permit No. 348A-3 incorporates Water Right Nos. 348-3 and 5462-3 to appropriate a total of 1.1 cfs with priority dates of August 1, 1932 (0.8 cfs) and July 3, 1990 (0.3 cfs). The diversion authority for 0.80 cfs authorized by Water Right No. 5462-3 is cancelled due to abandonment.

(continued)

3. Watertown Municipal Utilities Department shall report to the Chief Engineer annually the amount of water withdrawn from the Big Sioux:North Aquifer.

WATER MANAGEMENT BOARD

By: Garland Erbele
Garland Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

JUL 29 2005

date



RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date May 11, 20 05

RECEIVED OF Municipal Utilities, 901 4th SW, Watertown, SD 57201-4107

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

Fee for Application for Permit No. <u>342A-3</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. <u>342A-3</u>	50	00
Fee for Filing Transfer Form _____		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	100.00

No. 001224

By Darland Ebele
Chief Engineer

gm

MUNICIPAL UTILITIES DEPARTMENT

901 Fourth Avenue Southwest

WATERTOWN, SOUTH DAKOTA 57201-4107

PHONE (605) 882-6233 • FAX (605) 882-6238

April 28, 2005

Eric Gronlund
Department of Environment and Natural Resources
Joe Foss Building 523 East Capitol
Pierre S.D. 57501-3182

RECEIVED

MAY - 3 2005

WATER RIGHTS
PROGRAM

RE: Water Right 348-3

Dear Mr. Gronlund:

The Watertown Municipal Utilities Department has abandoned Well #1. Water Right #348-3 was assigned to this well. The well casing collapsed and it has been a poor producing well. We drilled test holes around the well and decided that re-drilling for a new well on the same location was not a good option. We would like to retain this right and would like to transfer it to a well with a more recent priority date. Well #3A with water right number 5462-3 has a priority date of July 3rd 1990 and is located about 700 feet south of the #1 well location. Is it possible to transfer water right #348-3 to well #3A? Please let us know if this is possible and let us know what we need to do to get this accomplished.

Thank you.

Sincerely,



Jeff DeVille
Water Superintendent
Watertown Municipal Utilities Dept.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

May 4, 2005

Jeff DeVille, Water Superintendent
Municipal Utilities Dept.
901 4th Ave SW
Watertown SD 57201-4107

RE: Water Right No. 348-3

Dear Mr. DeVille:

As requested enclosed is an *Application for a Permit to Appropriate Water*. A review our files indicates that the wells authorized by Water Right Nos. 348-3 and 5462-3 are both from the same water formation (Big Sioux North Aquifer). This being the case, an application can be filed to transfer the diversion authority (0.80 cubic feet of water per second) and priority date (August 1, 1932) from the older well (Well #1) to the more recent well (Well #3A).

Please complete the enclosed application form. The filing fee for this application will be \$100.

If you have any questions, please contact me.

Sincerely,

Karen Schlaak
Water Rights Program
605 773-3352
karen.schlaak@state.sd.us

enclosure

MUNICIPAL UTILITIES DEPARTMENT

901 Fourth Avenue Southwest

WATERTOWN, SOUTH DAKOTA 57201-4107

PHONE (605) 882-6233 • FAX (605) 882-6238

May 6, 2005

Karen Schlaack
Department of Environment and Natural Resources
Joe Foss Building 523 East Capitol
Pierre S.D. 57501-3182

RECEIVED
MAY 11 2005
WATER RIGHTS
PROGRAM

RE: Water Right 348-3 & Water Right 5462-3

Dear Ms.: Schlaack

Enclosed is the Application for Water Right 348-3 & Water Right 5462-3 to transfer the diversion authority and the priority date. The \$100.00 application-filing fee is also included.

Please contact me if need any additional information.

Thank you.

Sincerely,



Jeff DeVille
Water Superintendent
Watertown Municipal Utilities Dept.

REPORT ON WATER PERMIT APPLICATION NO. 348A-3
For the City of Watertown
May 19, 2005

Application No. 348A-3 proposes to amend Water Right No. 348-3 by transferring the diversion authority to a well authorized by Water Right No. 5462-3. Water Right No. 348-3 authorizes 0.80 cfs from one well approximately 32 feet deep located in the NW $\frac{1}{4}$ SE $\frac{1}{4}$ of section 25, T117N R53W with a priority date of August 1, 1932. Water Right No. 5462-3 authorizes 1.1 cfs from one well completed into the same aquifer and located in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ of section 25, T117N R53W. The well authorized by Water Right No. 348-3 has been abandoned and plugged. The applicant is requesting to transfer the diversion authorized and priority date of Water Right No. 348-3 to the well for Water Right No. 5462-3. The remaining 0.30 cfs authorized by Water Right No. 5462-3 will retain a priority date of July 3, 1990. No additional appropriation of water is authorized by this application. The water is for municipal use.

AQUIFER – BIG SIOUX NORTH (BS-N)

The Big Sioux North is a surficial outwash (sand and gravel) that is under water table conditions in this area. The aquifer underlies 67,300 acres and contains an estimated 151,830 acre-feet of recoverable water in storage in Codington County (Hedges, 1982). The aquifer is hydraulically connected to the Big Sioux River and to area lakes Kampeska and Pelican. The water table gradient for the Big Sioux aquifer in Codington and Grant Counties averages about six to ten feet per mile (Hansen, 1990). Ground water movement is from northwest to southeast and toward the Big Sioux River in the area of this application (Barari, 1971).

City well #1 (Water Right No. 348-3) is licensed for 0.80 cfs from the Big Sioux aquifer and located about 700 feet north of well #3A (Water Right No. 5462-3). This application would allow the City of Watertown to retain the diversion rate of 0.80 cfs with a priority date of August of 1932 and use this right in the existing well #3A.

The Water Rights Program monitors two observation wells, CD-60C and CD-59A, located within a two mile radius of this application. Drawdown created by pumping should not be significant. There should be no changes in the configuration of wells or the pumping rates over what is there now. Water level records indicate that the aquifer responds quickly to climatic conditions, that is, rising water levels during wet years (recharge) and gradually declining water levels during dry years. Hydrographs for these two observation wells are included with this report.

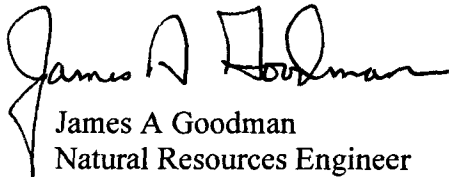
REVIEW OF EXISTING WATER PERMITS/RIGHTS

The nearest existing water right is No. 1716-3 which is located about 500 feet south of this application. Interference is not expected to be a concern. The diversion rate will remain the same and there will be no other changes. Since there will not be any physical

changes to the diversions in this area approval of this permit application will not change anything.

CONCLUSIONS

1. Water is available from the Big Sioux North aquifer.
2. The aquifer is under water table conditions in this area. Drawdown created by pumping will not change significantly. The diversion rates remain the same and interference is not expected to be a concern.
3. This well has been constructed in accordance with SD Well Construction Standards.
4. Approval of this application only retains the original priority date of August 1932 authorized by Water Right No. 348-3 for 0.80 cfs. Approval of this application does not increase the authorized diversion rate of 1.1 cfs for Water Right No. 5462-3. Therefore 0.80 cfs with the July 1990 priority date has been abandoned and can be cancelled.



James A Goodman
Natural Resources Engineer

BIBLIOGRAPHY

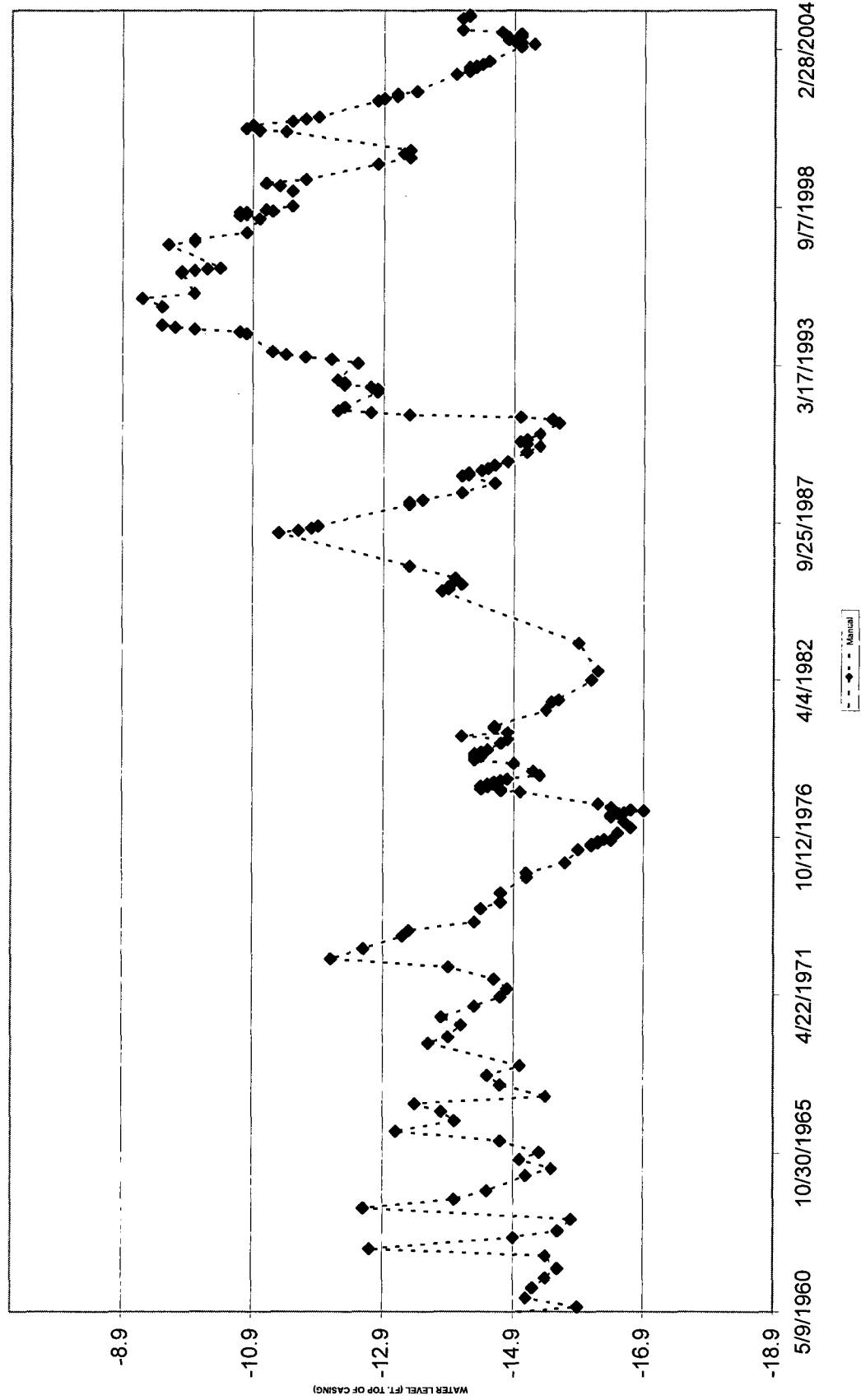
Baarari, A., 1971, Hydrology of lake Kampeska, Report of Investigations No. 103, SD DENR, SDGS, Vermillion, SD, 57069.

Hansen, D.S., 1990, Water Resources of Codington and Grant Counties, South Dakota, Water-Resources investigations Report 89-4147, USGS, Huron, SD, 57350.

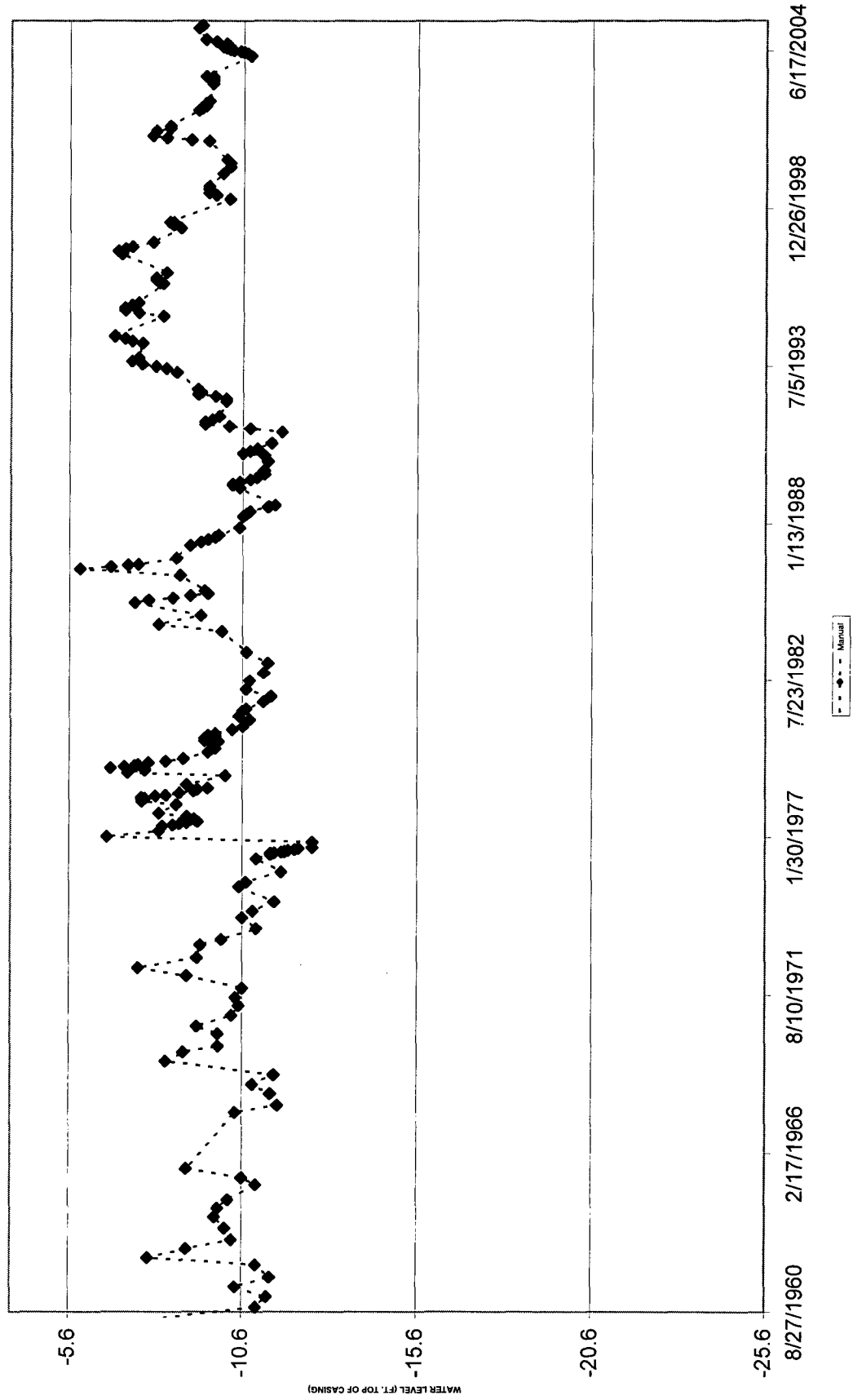
Hedges, L.S. and others, 1982, Evaluation of Ground-Water Resources Eastern SD and Upper Big Sioux River, SD and Iowa, for US Army Corps of Engineers, SD DENR, SDGS, Vermillion, SD, 57069.

Water Rights, 2005, Unpublished Observation Well Data for Codington County, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

WATER RIGHTS' OBSERVATION WELL CD-59A



WATER RIGHTS' OBSERVATION WELL
CD-60C





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
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PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 348A-3, Watertown Municipal Utilities Department**

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Program, Department of Environment and Natural Resources concerning Water Permit Application No. 348A-3, Watertown Municipal Utilities Department, c/o Jeff DeVille, 901 4th Avenue SW, Watertown SD 57201.

The Chief Engineer is recommending APPROVAL of Application No. 348A-3 because 1) the proposed transfer of diversion authority will not unlawfully impair existing rights, 2) the proposed use is a beneficial use and 3) it is 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. Water Permit No. 348A-3 incorporates Water Right Nos. 348-3 and 5462-3 to appropriate a total of 1.1 cfs with priority dates of August 1, 1932 (0.8 cfs) and July 3, 1990 (0.3 cfs). The diversion authority for 0.80 cfs authorized by Water Right No. 5462-3 is cancelled due to abandonment.
3. Watertown Municipal Utilities Department shall report to the Chief Engineer annually the amount of water withdrawn from the Big Sioux:North Aquifer.

See report on application for additional information.

Garland Erbele, Chief Engineer
May 26, 2005

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
) SS
 County of CODINGTON)

I, MONICA K. SAATHOFF

certify that the attached printed Notice was
 taken

from the WATERTOWN PUBLIC OPINION

printed and published in WATERTOWN

County of CODINGTON and

state of South Dakota. The notice was published

in the newspaper on the following two dates:

JUNE 3rd, 2005

JUNE 10th, 2005

Cost of Printing \$115.08

Monica K. Saathoff
 (Signature)

BOOKKEEPER

(Title)

JUNE 10th, 2005

(Date Signed)

with a priority date of August 1, 1932. Water Right No. 5462-3 authorizes 1.1 cfs from one well completed into the same aquifer located in the SE 1/4 SW 1/4 Section 25-T117N-R53W. The well authorized by Water Right No. 348-3 has been abandoned and plugged. The applicant is requesting to transfer the diversion authority and to retain the August 1, 1932 priority date established by Water Right No. 348-3 to the well authorized by Water Right No. 5462-3. The remaining 0.30 cfs authorized by Water Right No. 5462-3 will retain a priority date of July 3, 1990. No additional appropriation of water is authorized by this application for municipal use.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 348A-3 because 1) existing rights will not be unlawfully impaired, 2) it is a beneficial use of water, and 3) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's

address is "Water Rights Program, 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 20, 2005.

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. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Steven M. Pimer, Secretary, Department of Environment and Natural Resources.

(June 3, 10, 2005)

UENR

NOTICE OF APPLICATION NO. 348A-3 to Amend Water Right No. 348-3

Notice is given that the Watertown Municipal Utilities Department, 901 4th Ave. SW, Watertown, SD 57201 has filed an application to amend Water Right No. 348-3 by transferring diversion authority to the well authorized by Water Right No. 5462-3. Water Right No. 348-3 authorizes 0.80 cubic feet of water per second (cfs) from one well completed into the Big Sioux North Aquifer (32 feet deep) located in the NW 1/4 SE 1/4 Section 25-T117N-R53W

RECEIVED
 JUN 15 2005
 WATER RIGHTS
 PROGRAM

Instruction to Newspaper - Publish first Notice on June 3, 2005 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 348A-3 to Amend Water Right No. 348-3

Notice is given that the Watertown Municipal Utilities Department, 901 4th Ave SW, Watertown SD 57201 has filed an application to amend Water Right No. 348-3 by transferring diversion authority to the well authorized by Water Right No. 5462-3. Water Right No. 348-3 authorizes 0.80 cubic feet of water per second (cfs) from one well completed into the Big Sioux North Aquifer (32 feet deep) located in the NW ¼ SE ¼ Section 25-T117N-R53W with a priority date of August 1, 1932. Water Right No. 5462-3 authorizes 1.1 cfs from one well completed into the same aquifer located in the SE ¼ SW ¼ Section 25-T117N-R53W. The well authorized by Water Right No. 348-3 has been abandoned and plugged. The applicant is requesting to transfer the diversion authority and to retain the August 1, 1932 priority date established by Water Right No. 348-3 to the well authorized by Water Right No. 5462-3. The remaining 0.30 cfs authorized by Water Right No. 5462-3 will retain a priority date of July 3, 1990. No additional appropriation of water is authorized by this application for municipal use.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 348A-3 because 1) existing rights will not be unlawfully impaired, 2) it is a beneficial use of water, and 3) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, 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 20, 2005.

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. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
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PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

May 27, 2005

Public Opinion
PO Box 10
Watertown SD 57201-0010

ATTENTION: Legal Public Notice

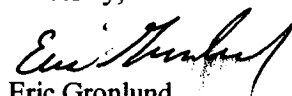
Enclosed is a Notice on Application No. 348A-3 to Appropriate Water to be published twice. Please publish the first notice on June 3, 2005 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

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 Watertown Municipal Utilities Department, Jeff DeVille, Water Superintendent, 901 4th Ave SW, Watertown SD (Ph # 605-882-6233).

Please send the Water Rights Program the first publication immediately. The publication is checked for accuracy so any corrections can be made in the second publication. You may use the form below or fax a copy of the first publication. Any fax should be sent to the attention of Karen Schlaak at (605) 773-4068. Publication errors can invalidate the public notice.

After the second publication, **please send us an affidavit or use the enclosed Proof of Publication form.** The applicant pays the cost of publication, but the Water Rights Program records require an affidavit or Proof of Publication. Delays in receiving the affidavit can be costly to the applicant.

Sincerely,


Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

-----CUT HERE-----

No. 348A-3

TO: Eric Gronlund
Water Rights Program
Joe Foss Building
Pierre SD 57501-3181

Date _____

We are in receipt of your letter of May 27, 2005 enclosing Notice to Appropriate Water by Application No. 348A-3 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

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

May 27, 2005

Watertown Municipal Utilities Dept
% Jeff DeVille, Water Superintendent
901 4th Ave SW
Watertown SD 57201

Dear Mr. DeVille:

Water Permit Application No. 348A-3 for municipal use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the Publisher of the Public Opinion printed at Watertown, SD (Ph # 605-886-6901). You will need to contact the newspaper and authorize publication of this notice. 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 and to arrange for payment. Early contact with the paper can eliminate delays. Upon receiving authorization, the publisher has been instructed to publish your notice once each week for two consecutive weeks. The newspaper has also 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
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**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

JUL 29 2005

Watertown Municipal Utilities
% Jeff DeVille Water Superintendent
901 4th Av SW
Watertown SD 57201

Dear Mr. DeVille:

Enclosed is Water Permit No. 348A-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

Form 10, *Notice of Completion of Works and Application of Water to Beneficial Use*, is enclosed. Please return this completed form after you have finished the system and have put the water to beneficial use. An investigation can then be scheduled so the water license may be issued, thus completing the acquisition of a water right.

An informational sheet *Common Water Right Questions?* is also enclosed. This sheet is intended to answer some of the questions associated with obtaining and keeping a water right.

Sincerely,

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

enclosures

Permit No. 348A-3
Big Sioux - Water District

Contact Person & Address: Jeff DeVille, 901 4th Ave SW, Watertown SD 57201

Report of Examination of Works

On, February 29, 2016, I made a thorough examination of the water use system constructed by Watertown Municipal Utilities Department holder of Permit No. 348A-3, bearing the priority of August 1, 1932 authorizing the diversion of 0.8 cu. ft. per second and the priority of July 3, 1990 authorizing the diversion of 0.3 cu. ft. per second of the waters of ground water (Big Sioux) for municipal purposes, in Codington County.

The system is in the following condition good. The point of diversion is located from the SE corner of Sec 25 T117N-R53W: 580 ft north and 2700 ft west with latitude of 44.90642 and a longitude of -97.13733 as determined using GPS. The works are capable of diverting and conveying to the place of use 0.33 cu. ft. per second of water which is to be used for municipal use. Water has been put to beneficial use to the maximum extent and the license should be issued for 0.33 cfs.

Review of Permit Qualifications And Regulations:

- 1) Special qualifications to permit being abided by yes
- 2) All structures, wells and lands on map yes
- 3) Exceptions to compliance are: none

Report On the Specifics of the System

Diversion Point Information:

Well Information:

- 1) Well Drilling Firm: Bullis Brothers
- 2) No. of Wells 1
- 3) Depth(s) 32 feet
- 4) Well log is available yes

Casing:

- 1) Diameter 18 inches
- 2) Length 22 feet
- 3) Type steel

Screen:

- 1) Type stainless steel
- 2) Length 10 feet
- 3) Static water level 5.5 feet

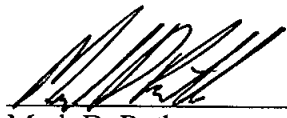
Pump:

- 1) Make Goulds
- 2) Model 150H073
- 3) Size 6
- 4) Capacity 150 GPM

Motor:

- 1) Make Hitachi
- 2) Model No. CentriPro
- 3) Horsepower rating 7.5 hp

Comments : when the well was rehabilitated, the replacement pump was downsized to 150 gpm from 500 gpm in order to match the sustainable yield of the well due to characteristics of the aquifer in that location.



Mark D. Rath
Natural Resources Engineer III
DENR, Water Rights Program

3-8-16

Date



0 0.05 0.1 0.2 0.3 0.4 Miles



Mark D Rath

Mark D Rath
Natural Resources Engineer
03-02-2016



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

348A-3

MAY 02 2016

Watertown Municipal Utilities Dept
901 4th Ave SW
Watertown SD 57201

Dear Sir:

Enclosed is Water License No. 348A-3. This is the final water right document completing your process of obtaining a Water Right. Also, included with your license is a map prepared by the staff engineer who conducted the investigation.

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,

Jeanne Goodman, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 348A-3

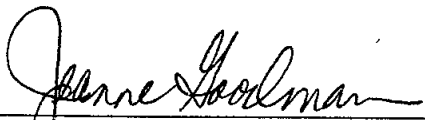
(1) Watertown Municipal Utilities Department, 901 4th Ave SW, Watertown SD 57201 made Application No. 348A-3, May 11, 2005 for a water permit to divert 1.1 cubic feet of water per second (cfs) from one well – Big Sioux:North Aquifer, Codington County, South Dakota for municipal use purposes. Permit No. 348A-3, with priority dates of August 1, 1932 (0.8 cfs) and July 3, 1990 (0.3 cfs) was approved June 20, 2005 and issued to the applicant for diversion of water with construction of the described water supply system and the application to beneficial use of water completed.

(2) The water supply system has been completed and water applied to beneficial use in accordance with South Dakota State Law. Pursuant to South Dakota Codified Law 46-5-30.1, the holder and/or owner of Water Right No. 348A-3 is issued a license, bearing a priority date of August 1, 1932 to appropriate 0.33 cubic feet of water per second from one well – Big Sioux:North Aquifer for municipal use purposes.

The diversion point is located: 580 feet north and 2,700 feet west of the SE corner of Section 25-T117N-R53W (SE 1/4 SW 1/4).

(3) This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Permit No. 348A-3 including the following qualifications:

- 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.
- Water Permit No. 348A-3 incorporates Water Right Nos. 348-3 and 5462-3 to appropriate a total of 1.1 cfs with priority dates of August 1, 1932 (0.8 cfs) and July 3, 1990 (0.3 cfs). The diversion authority for 0.80 cfs authorized by Water Right No. 5462-3 is cancelled due to abandonment. *An investigation of the water system found the well had been rehabilitated to 150 gpm (0.33 cfs). This amount retains the August 1, 1932 priority date.*
- Watertown Municipal Utilities Department shall report to the Chief Engineer annually the amount of water withdrawn from the Big Sioux:North Aquifer. *The city's water use reports are on file with the Water Rights Program.*



Jeanne Goodman, Chief Engineer
Water Rights Program

Department of Environment and Natural Resources

MAY 02 2016

date

