

Considered: _____

WATER PERMIT NO. 5466-3

Phone: 297-3545

Name of Applicant: Town of Monroe

Post Office Address: P.O. Box 86, Monroe, SD 57047

Amount of Water Claimed: 0.13 cfs (60 gpm) Total Acres: N/A

Source of Water Supply: Groundwater

Water to be used for: municipal purposes County: Turner

About _____ miles _____ of Monroe

PROOF OF PUBLICATION: Received _____ Not Received _____

APPLICATION: Approved _____ Subject to _____

F.F. & C/.L. Adopted _____ Not Approved _____ Deferred _____

PRIORITY _____ Date Received: 6/21/90 Fee: \$150.00 Remarks _____

Corrected Application Received 7/23/90 Period of Annual Use Jan. 1 - Dec. 31

WATER QUALITY APPROVAL RECEIVED _____ APPROVED/CONDITIONAL (Circle one)

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

Diversion Point: NE1/4 NW1/4 Section 15 T100N

R54W

Land to be Irrigated: _____

Well Log: Driller: Putzke Licensed YES X NO _____

Depth of Well: 300' - 350' REMARKS well log or test hole never received

Type of Map: topo PREPARED BY: Duane Boice Reviewed and the Number

Assigned on 8/13/90 By Eric Gronlund

No. 5466-3 Hydrologic Unit 10170102
 Map No. _____ Basin Vermillion
 Newspaper Marion Record, Box 298 Marion

523 E. Capitol
 Pierre, SD 57501
 (605) 773-3352

57043-0298

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

Check use of water: Industrial ☐ Commercial ☐ Municipal ☒ Other Common Distribution System ☐
 Rural Water System ☐ Suburban Housing ☐ Geothermal Heat ☐ Institutional ☐ Recreational ☐
 Domestic ☐ (above 18gpm) Other ☐

Type of Application: Check one or more of the following

New ☒ Vested Right ☐ Future Use ☐ Change Use ☐

☐ Amend Permit No. _____ with old priority date retained

Change diversion point(s) ☐ Add diversion point(s) ☒ Other ☐ _____

☐ Application to: Change diversion point(s) ☐ Add diversion point(s) ☒ on Permit No. _____

☐ Construction to use water reserved by Future Use Permit No. _____

1. Name of Applicant Monroe town Phone No. 297-3545

Post Office Address P.O. Box 86 Monroe State S.D. 57047
(Street, RR or Box) (City) Zip Code

2. Amount of water claimed (c.f.s.) 60 G.P.M. 0.13cfs

3. Source of water supply Deep Well (ground water)

4. Location of point of diversion BLK 2 Lots 5, 6, & 7

NE 1/4 NW 1/4 Section 15 T100N-R54W

County Turner

5. Counties where water will be used Turner (Monroe town only)

6. Annual period during which water is to be used Continuous (12 mo. per yr.)
 January 1 - December 31

7. Give a brief description of proposed 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)

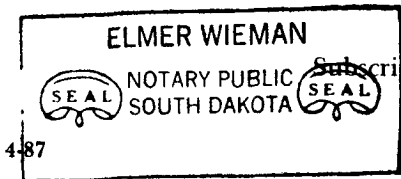
We propose to install a new secondary deep well to assist our primary deep well. The primary well is capable of producing only 19 g.p.m. We propose to install the new secondary well within 40 ft. of the primary located at Block 2 Lots 5, 6, & 7.

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map (see instruction)

STATE OF SOUTH DAKOTA
 County of Turner ss

I, Monroe town 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.

Signed Mayor Wayne Wieman



Subscribed and sworn to before me this 20th day of June 19 90

Elmer Wieman
 Notary Public

**SOUTH DAKOTA
WATER PERMIT No. 5466-3**

Date of first receipt of application June 21, 1990.

Date of return to applicant for corrections, amendments or changes
June 26, 1990.

Date of receipt of corrected application July 23, 1990.

The Water Management Board approved Water Permit Application No. 5466-3 on October 3, 1990 for the Town of Monroe, P.O. Box 86, Monroe, SD 57047 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. 5466-3 appropriates 0.13 cubic feet of water per second from one well (Sioux Quartzite Formation) 300-350 feet deep located in the NE1/4 NW1/4 (Block 2, Lot 7) Section 15 T100N-R54W.
2. The water appropriated shall be used for the purpose of supplying the town's water needs and may not exceed the amount of water needed for beneficial use for municipal purposes.
3. The water is to be used during the following described annual period: January 1 - December 31.
4. The date from which applicant may claim right is June 21, 1990.
5. One-fifth of the construction is to be completed on or before April 3, 1993.
6. All construction is to be completed on or before October 3, 1995.
7. Water is to be put to beneficial use on or before October 3, 1999.
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 authorized by Permit No. 5466-3 shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted with cement (bottom to top) from the producing formation to the surface pursuant to Section 74:02:04:30.

(continued)

Water Permit No. 5466-3

Page 2

2. 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 MANAGEMENT BOARD

By: _____

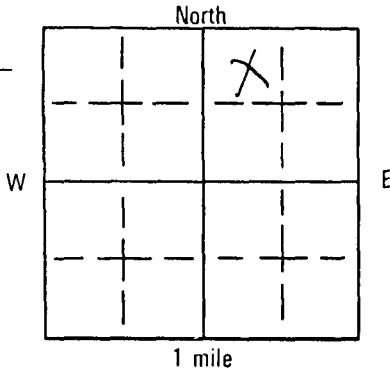
John Hatch
Chief Engineer, Water Rights Division
Department of Water and Natural Resources

DEC 19 1990

(date)

SOUTH DAKOTA WATER WELL COMPLETION REPORT

10-85

Location NE 1/4 NW 1/4 Sec 15 Twp 100 N Rg 54 WCounty
TurnerPlease mark well
location with
an "X"Well Completion Date 9-13-90

PROPOSED USE:

☐ Domestic ☒ Municipal ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

Rotary

CASING DATA:

☒ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>300</u> LB/FT	<u>6</u> IN	<u>0</u> FT	<u>212</u> FT	<u>10</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUT:

Was the well grouted? ☒ YES ☐ NOTo what depth? 212 FEET

What is grouting material? _____

If cement, number of sacks? 2 3/4 YdsDescribe grouting procedure Pump w/ DrillingReg. MUD ON

What was grout weight? _____ LB/GAL

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter _____ IN Length _____ FEET

Material _____

Slot Size _____ Set From _____ Feet To _____ 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? _____

Describe packer(s) and location? _____

Was well disinfected upon completion? ☐ YES ☐ NO

Explain _____

Bacteriological analysis ☐ YES ☐ NO

Laboratory sent to _____

Well Owner:

Name Town of MonroeAddress Monroe S. Dak

Well Log:

Depth

Formation	From	To
Top Soil	0	2
brown clay	2	50
blue "	50	138
rocks	138	142
blue clay	142	185
blue clay mixed w/ rocks	185	205
yellow clay	205	210
Granite	210	212
GRANITE	212	547

STATIC WATER LEVEL 153' 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☐ OtherDescribe: Air - 50gpm.

Pumping Level Below Land Surface

260 ft. After 24 Hrs. pumped 50 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

REMARKS:

This well was drilled under license # 439

And this report is true and accurate.

Drilling firm Dave Putzke Well Drilling

Signature of License Representative:

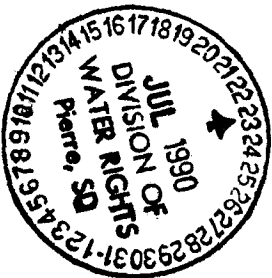
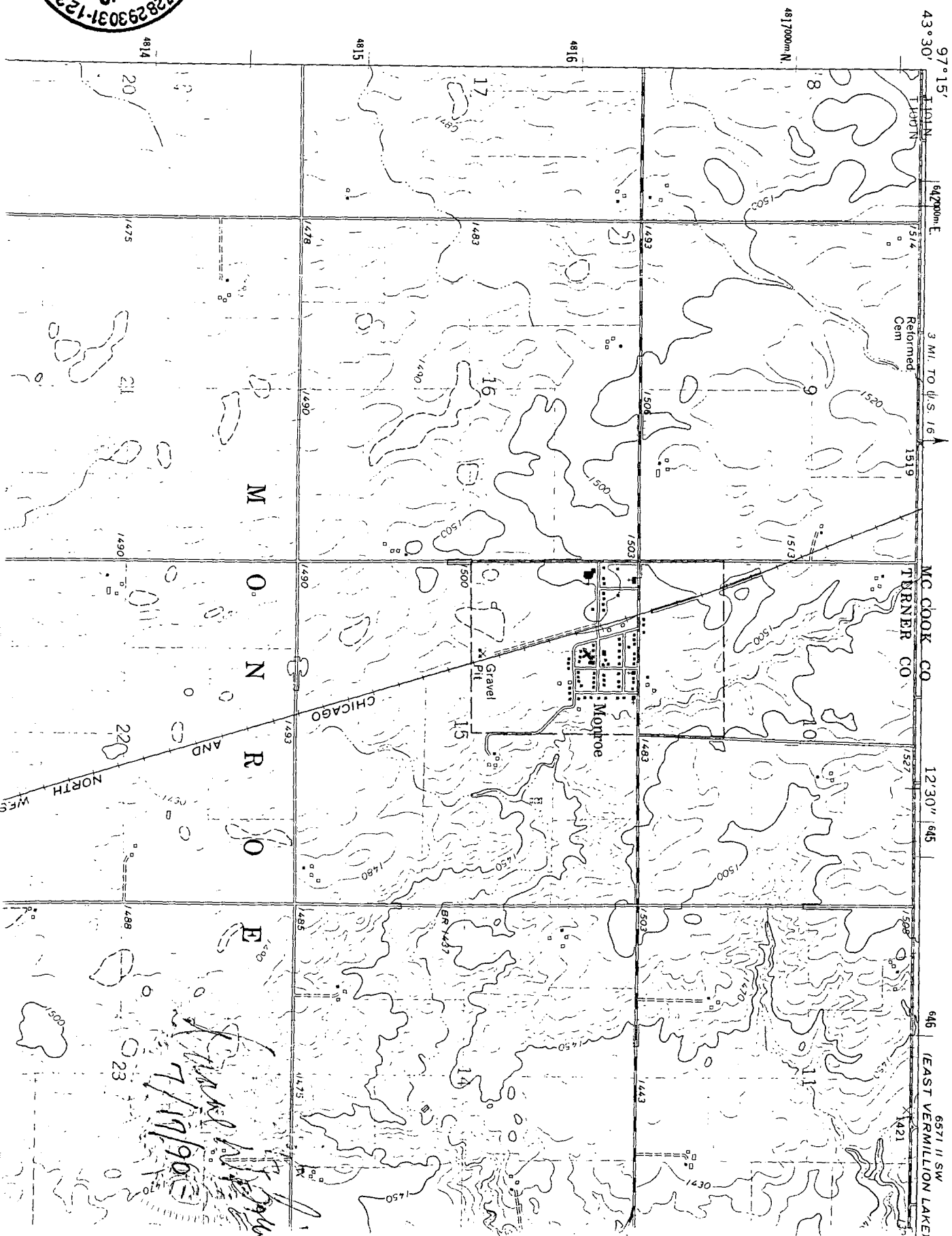
Dave Putzke

Signature of Well Owner:

Wayne WiemanDate 9-24-90

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

App'l. 5466-3



RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

412320

Pierre, July 23, 19 90

RECEIVED OF Town of Monroe, Box 86, Monroe, SD 57047-0086

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

Fee for Application for Permit No. <u>5466-3</u> to Appropriate Water, to construct works and to put water to beneficial use	15000
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 Certified Copy of	
Fee for Print Copy of Map	
Fee for Certifying	
Fee for _____	
(Any Other Work Provided by Law)	
Total	150 00

By John H. Helt (m)
Chief Engineer

June 26, 1990

Mayor Wayne Wieman
Town of Monroe
P.O. Box 86
Monroe, SD 57047

Dear Mayor Wieman

This letter is in response to Monroe's water permit application received on June 21, 1990. The following information still needs to be submitted in order to process your application.

- 1) An application filing fee of \$150 is required.
- 2) A well log or test hole log that is signed by a South Dakota Licensed Well Driller.
- 3) The location of the point of diversion must be described. The town's existing permit (No. 312-3) describes the location of that well as being Lot 7, Block 2 (NE1/4 NW1/4) of Section 15 T100N-R54W. From your application it appears that the proposed well is to be only 40 feet from this other well.
- 4) The map must show the proposed location of the well in relation to a Section corner.
- 5) The map must be signed by a 1) SD registered professional engineer; 2) SD registered land surveyor; 3) a government employee wh normally prepares maps as part of his assigned duties.

The water permit application can not be considered by the Water Management Board until the application is complete. Please submit the above mentioned items to my attention referencing your water permit application and your application will be processed.

If you have any questions, please contact me.

Sincerely,

Eric Gronlund
Natural Resources Engineer
(605) 773-3352

Monroe, S.D.

July 19, 1990

RE: Water Permit Application

Dear Eric,

Enclosed is the application filing fee of \$150.00 required.

The location of the point of diversion is Lot 7, Block 2 (NE $\frac{1}{4}$ NW $\frac{1}{4}$) of Section 15 T 100 N - R 54 W - 40 feet north.

I have also enclosed a copy of the map showing the proposed location of the well.

Sincerely,
Arlene Thietje
Finance Officer



Conversation or File Documentation

NAME OF PERSON OR FILE: Town of Monroe'sADDRESS: _____ COUNTY TurnerDATE: 8/8/90 TELEPHONE _____RE: Rep. Mike Wagner (B) 336-5383 (H) 529-5682

COMMENTS:

I called Rep. Wagner in regards to the status of water permit application for the town of Monroe. I ~~he~~ told him how the original applic. was incomplete and that I sent it back, upon returning the application a well log or drillers test hole log was not submitted. On 7/23/90 I had called Arlene on this and she said it would be forthcoming.

I discussing this with Rep. Wagner, I explained the water permitting process and how it would be the Oct mtg before a permit can be approved by the WMB. I explained the town could request permission to drill a test well and test pump the new well. However the only way the city could utilize the water is if the well is within 660' of the existing permitted well and out of the same water source. Rep. Wagner said the proposed well was within 50' of the old well and he believed it was out of the same water source. If this was true the town could pump 30 gpm out of a this new well using it for a replacement well for the old well but would need a permit for any increase in the diversion rate. Old well is not going to be abandoned.

We ended the conversation at him checking on a well log and me checking for on if the new well would be out of the same water source. He's going to call me back.

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: Eric Gundard 8/8/90

REPORT ON APPLICATION NO. 5466-3
FOR THE TOWN OF MONROE
August 14, 1990

This application proposes to appropriate 0.13 cfs from one well approximately 300-350 feet deep located in the NE 1/4 NW 1/4 (Block 2, Lot 7) of section 15, T100N R54W in Turner County.

AQUIFER - SIOUX QUARTZITE (SOUX)

The Sioux Quartzite is a Precambrian age pink to red orthquartzite consisting of silica cemented quartz sand, interbedded with red to purple sericitic mudstone and coarse pebble conglomerate (Steece, 1958). The unit could be as much as 5000 feet thick (Steece, 1975).

The geohydrology of the Sioux Quartzite is not well understood. There are obvious fractures and joints in the outcrop and since the rock was originally a sandstone there is reminent porosity after metamorphism. However, the primary porosity and water movement is probably dominated by fractures and joints in the rock. Geologically, the Sioux Quartzite is overlain by the Niobrara, buried outwash and quartzite wash, all of which can be considered aquifers and can be in hydraulic communication with the Sioux Quartzite. The aquifer is under artesian conditions and records available for the existing well for the Town of Monroe indicate the top of the quartzite was encountered at 236 feet below land surface. This well was completed 'open hole' to a depth of 330 feet below land surface and had a static water level of 150 feet below land surface. The well reportedly produced 30 gpm with 82 feet of drawdown. This a relatively low yield but is typical for this type of rock.

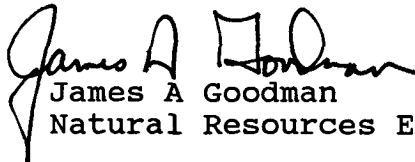
The Division of Water does not monitor any observation wells completed into the quartzite and no historical water level data is available.

REVIEW OF EXISTING WATER PERMITS/WATER RIGHTS

There is one existing Water Right No. 312-3 for the Town of Monroe authorizing 0.0667 cfs. This application indicates the new well will be drilled approximately 40 feet from the existing well. Also the existing well will continue to be used. Interference will likely occur. Drawdowns will occur as a result of pumping because of the artesian conditions. The wells will be very close together; however, the diversion rates are relatively small and pumping will be intermittent. Testing of the well should be conducted to determine the depth of pump placement to minimize any potential effects. Interference should not be a serious problem. The Town of Monroe should be able to manage their withdrawals and depth of pump placement.

CONCLUSIONS

1. Water is available from the Sioux Quartzite.
2. The aquifer is under artesian conditions and drawdowns due to pumping are expected. Through testing of the new production well the Town of Monroe should be able to minimize potential effects by proper pump placement. Interference should be manageable.
3. Potentially water quality may be a problem. Ground water obtained from the Sioux Quartzite may be high in radionuclides.
4. This well must be constructed in accordance with SD Well Construction Standards (74:02:04:30).



James A Goodman
Natural Resources Engineer

BIBLIOGRAPHY

- Steece, F.V., 1958, GEOLOGY OF THE HARTFORD QUADRANGLE, SD, SD DWR, SDGS, Vermillion, SD, 57069.
- Steece, F.V., 1975, PRECAMBRIAN ROCKS OUTSIDE OF THE BLACK HILLS, in Bulletin No. 16, Mineral and Water Resources of SD, SD DWR, SDGS, Vermillion, SD, 57069.

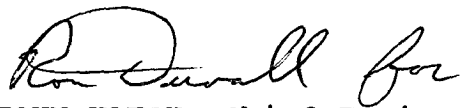
RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 5466-3, Town of Monroe

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Water and Natural Resources concerning Water Permit Application No. 5466-3, Town of Monroe, PO Box 86, Monroe SD.

The Chief Engineer is recommending APPROVAL of Application No. 5466-3 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 authorized by Permit No. 5466-3 shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted with cement (bottom to top) from the producing formation to the surface pursuant to Section 74:02:04:30.
2. 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.

See report on application for additional information.


JOHN HATCH, Chief Engineer
August 22, 1990



Department of Water & Natural Resources

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

August 23, 1990

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

Wayne Wieman
Town of Monroe
Box 86
Monroe SD 57047

Dear Mr. Wieman:

Water Permit Application No. 5466-3 for municipal 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 Marion Record printed at Marion SD. For your information, a copy of the notice is enclosed. Copies of the report and the Chief Engineer's recommendation are also 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 Intent to Appropriate Water 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. We must receive Proof of Publication before the application can be considered by the Water Management Board.

Sincerely,

A handwritten signature in cursive script that reads "Eric Gronlund".

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures



Department of Water & Natural Resources

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

August 23, 1990

Marion Record
Box 298
Marion SD 57043

ATTN: Legal Publications:

Enclosed is a Notice of Hearing on Application No. 5466-3 to be published twice. Please publish the first notice on or before August 30, 1990 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 Town of Monroe, Box 86, Monroe SD 57047.

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. The permit application cannot be considered by the Water Management Board until proof of publication has been received.

Sincerely,

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 or before August 30, 1990 with 2nd publication 7 days later. The applicant is responsible for payment.

NOTICE OF HEARING on Application No. 5466-3 to Appropriate Water

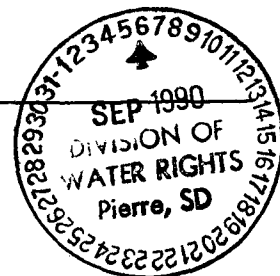
Notice is given that the Town of Monroe, Box 86, Monroe, SD 57047 has filed an application for a water permit to appropriate 0.13 cubic feet of water per second from one well (Sioux Quartzite Formation) located in the NE1/4 NW1/4 (Block 2, Lot 7) Section 15-T100N-R54W. The water is to be used for municipal purposes by the town.

Pursuant to SDCL 46-2A-2, the Chief Engineer of the Water Rights Division recommends APPROVAL of Application No. 5466-3 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. This application will be considered by the Water Management Board in the Community Room, Brule Co. Courthouse, 300 S. Courtland, Chamberlain, SD on October 3, 1990 at 10:00 am. 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 interested person that intends to participate in the hearing before the Board by presenting evidence or cross-examining witnesses according to SDCL 1-26, must file a written petition with BOTH the applicant and Chief Engineer by September 21, 1990. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)". 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 legal counsel if legal counsel is obtained. The applicant need not file a petition. Contact the Water Rights Division to request information on this application or to assure access to the hearing by the handicapped.

This hearing is an adversary proceeding. Any person filing a petition and/or the applicant have the right to be represented by a lawyer. 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. The time of the hearing will also be automatically delayed for at least twenty days upon written request to the Chief Engineer from the applicant or a petitioner. The request for a delay must be received by September 21, 1990.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 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; 46-5-1 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; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.



PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
 County Turner) ss.

I, Catherine Robbins
 certify that the attached printed Notice
 from the Monroe Record

A newspaper which during the whole time of p
 said notice herein after stated, has been and is
 published in the _____

City of Monroe
 County of Turner and State of S
 that the said notice was published in said news
 following two dates:

August 30, 1990

Sept. 6, 1990

Catherine Robbins
 (Signature)

Publisher
 (Title)

9-5-90
 (Date Signed)

NOTICE OF HEARING on Application No. 5466-3 to Appropriate Water

Notice is hereby given that the Town of Monroe, Box 86, Monroe, SD 57047 has filed an application for a water permit to appropriate 0.13 cubic feet of water per second from one well (Sioux Quartzite Formation) located in the NE1/4 NW1/4 (Block 2, Lot 7) Section 15-T100N-R54W. The water is to be used for municipal purposes by the town.

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Any interested person that intends to participate in the hearing before the Board by presenting evidence or cross-examining witnesses according to SDCL 1-26, must file a written petition with BOTH the applicant and Chief Engineer by September 21, 1990. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)". 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 legal counsel if legal counsel is obtained. The applicant need not file a petition. Contact the Water Rights Division to request information on this application or to assure access to the hearing by the handicapped.

This hearing is an adversary proceeding. Any person filing a petition and/or the applicant have the right to be represented by a lawyer. 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. The time of the hearing will also be automatically delayed for at least twenty days upon written request to the Chief Engineer from the applicant or a petitioner. The request for a delay must be received by September 21, 1990. This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 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; 46-5-1 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; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

35-36c

Cost of Printing: 33.11



Department of Water & Natural Resources

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

DEC 19 1990

Mayor Wayne Wieman
Monroe Town
P.O. Box 86
Monroe, South Dakota 57047

Dear Mayor Wieman:

Enclosed is Water Permit No. 5466-3 as approved by the Water Management Board authorizing you to construct your water diversion system and put the water to beneficial use, 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,

A handwritten signature in black ink, appearing to read "John Hatch". The signature is written in a cursive, flowing style.

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.



NOTICE OF COMPLETION OF WORKS AND
APPLICATION OF WATER TO BENEFICIAL USE

Date 1-7-91

TO: Water Rights Division, DWR
Joe Foss Building
Pierre SD 57501-3181

FROM: Mayor Wayne Wimmer, S.D.
name address city

I have completed the construction of the water diversion system and I have put the water to beneficial use to the maximum extent it is going to be used. I have not exceeded the amounts specified in Water Permit No. 5466-3

Water Permit No. 5466-3 states that the diversion system is to be constructed by Oct. 3, 1995, and that the water it put to beneficial use by Oct. 3, 1999.

The diversion system was completed on 3-4-91.
Applying the water to beneficial use was completed on 3-4-91.

You may schedule an inspection so that the Water License may be issued.

Mayor Wayne Wimmer
signature

Permit No. 5466-3
Vermillion River - Water District

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

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

I have this day made a thorough examination of the water use system constructed by city of Monroe of P.O. Box 86 Monroe, SD 57047 holder of Permit No. 5466-3/312-3, bearing the priority of June 21, 1990/October 8, 1956 authorizing the diversion of 0.13/0.0667 cu. ft. per second of the waters of the Sioux Quartzite for municipal purposes, in Turner County.

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

A. Works used to divert the water:

2 Wells - Well No. 1 is 330' deep with 231' of 8" steel casing with a Peerless 4" pump and unknown electric motor, 7.5 HP; Well No. 2 is 547' deep with 210' of 6" PVC casing with a 4" Grundfos submersible pump and motor, 10 HP

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

50' of 2" PVC pipe

C. Works used to apply water to beneficial use:

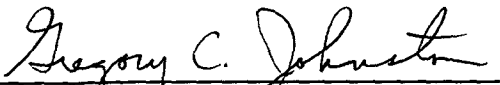
System includes a reservoir tank plus two filters and a settling tank and 2 submersible pumps to provide water to the city of Monroe

The system is in the following condition good. The point of diversion is located Well No. 1 is 1584'E and 719'S and Well No. 2 is 1617'E and 760'S - both from the NW corner of Section 15-T100N-R54W. The works are capable of diverting and conveying to the place of use 0.177 (0.11 cfs from No. 5466-3 and 0.0667 cfs from No. 312-3) cu. ft. per second of water which is to be used for municipal purposes. Water has been put to beneficial use. The license should be issued for 0.177 cfs.

Applicable permit qualifications have been complied with: Yes ☒ No

Exceptions to compliance are: None

Date: 5/5/93


Gregory C. Johnston
Natural Resources Engineer
DENR, Water Rights Division

REPORT ON INSPECTION OF PERMIT NO. 5466-3

DATE: 5/5/93

Other permit(s) associated with the project: 312-3 (incorporated into No. 5466-3)

DIVERSION POINT LEGAL LOCATION: Well No. 1 (No. 312-3) is located 1584'E and 719'S and Well No. 2 (No. 5466-3) is located 1617'E and 760'S - both from the NW corner of Section 15-T100N-R54W

WELL INFORMATION:

1) Well Drilling Firm: Well No. 1 is unknown/ Well No. 2 - Putzke Well Drilling

2) No. of Wells 2

3) Depth(s) 330/547 feet

4) Well log is available Y/N N/Y

5) Comment:

Casing:

1) Diameter 8/6 inches

2) Length 231/210 feet

3) Type steel/PVC

Screen:

1) Type None

2) Length feet

3) Static water level 150/153 feet

Pump:

1) Make Peerless/Grundfos submersible

2) Model both unknown

3) Size both 4"

4) Capacity 30/50 GPM

Motor:

1) Make unknown electric/Grundfos

2) Model No. both unknown

3) Horsepower rating 7.5/10 hp

DISTRIBUTION LINES OR CANALS:

1) Type PVC

2) Size 2 inches

3) Length 50 feet

SYSTEM TYPE:

System includes a reservoir tank plus filters and a settling tank and 2 submersible pumps to carry water through the main lines to the residents and businesses of Monroe

CHEMIGATION EQUIPMENT:

1) Does chemigate Y/N N

PERMIT QUALIFICATIONS AND REGULATIONS:

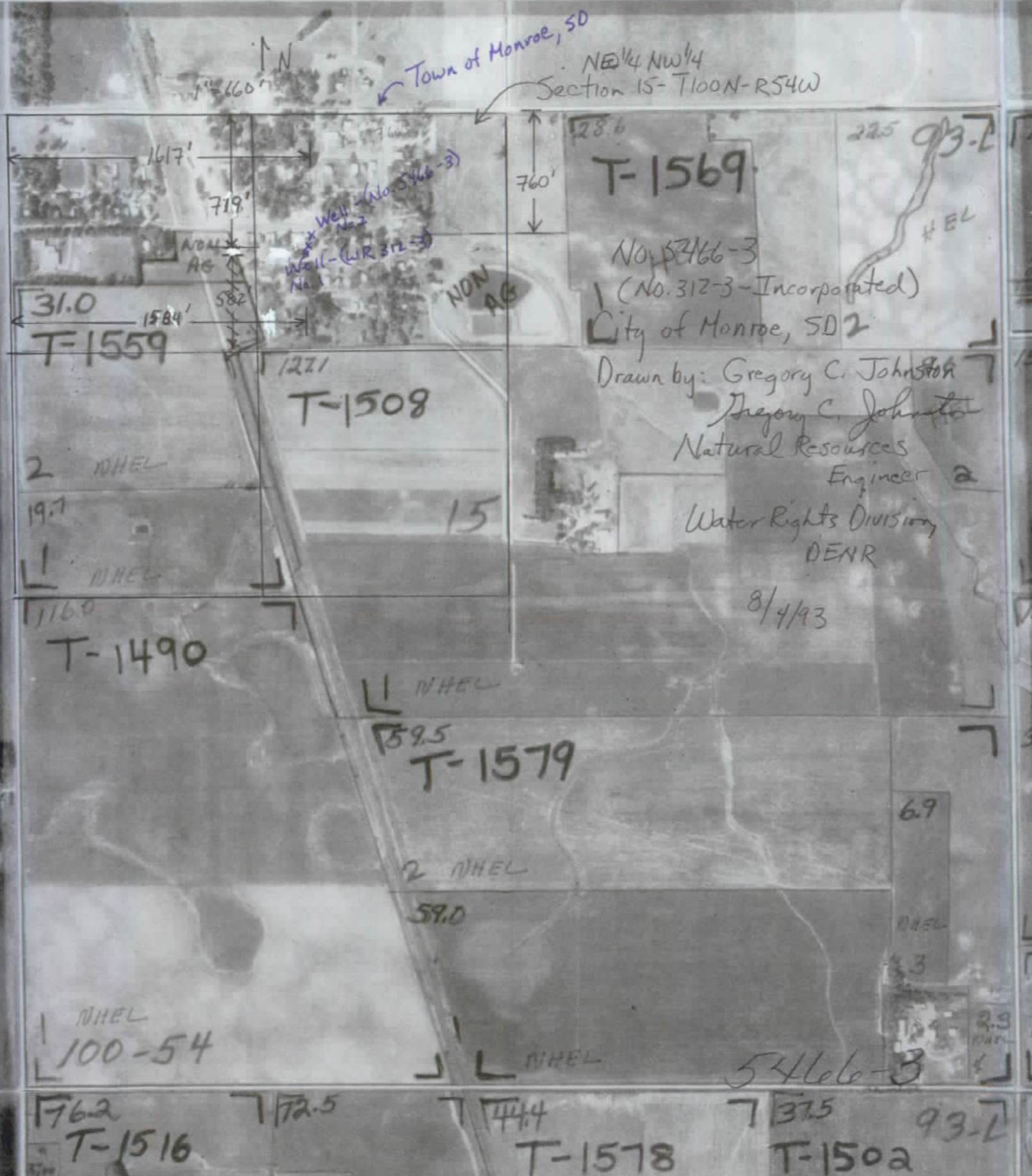
1) Soil and water permit lands agree with lands being irrigated and lands listed on permit Y/N N/A

2) Special qualifications to permit being abided by Y/N Y

3) All structures, wells and lands on map Y/N Y

4) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period Y/N N/A

NOT TO SCALE



STATE OF SOUTH DAKOTA
WATER LICENSE NO. 5466-3

(1) The Town of Monroe of PO Box 86, Monroe, SD 57047-0086 made Application No. 5466-3, June 21, 1990 for a water permit to appropriate 0.13 cubic feet of water per second (cfs) from groundwater (one well), Turner County, South Dakota for municipal purposes. Permit No. 5466-3, with a priority date of June 21, 1990 was approved October 3, 1990 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before October 3, 1995 and for the application to beneficial use of said water on or before October 3, 1999. On March 6, 1991, the permit holder submitted a "**Notice of Completion of Works and Application of Water To Beneficial Use**". The "**Notice**" stated the diversion system was completed and the water placed to beneficial use on March 4, 1991.

Water Right No. 312-3, with a priority date of October 8, 1956, authorizes diversion of 0.0667 cfs from Well #1. Water Permit No. 5466-3, with a priority date of June 21, 1990, authorizes diversion of 0.13 cfs from Well #2. Wells 1 and 2 are approximately 40 feet apart and together supply water to the town of Monroe. **The applicable portions of Water Right No. 312-3 have been incorporated into this Water License No. 5466-3.**

(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 0.176 cubic feet of water per second for beneficial use. The location of the diversion points are: Well #1 - 1584'E and 719'S of the NW corner; Well #2 - 1617'E and 760'S of the NW corner, both in Section 15, T100N, R54W (NE $\frac{1}{4}$ NW $\frac{1}{4}$).

(3) The applicant has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use.

(4) Pursuant to South Dakota Water Law 46-5-30.1 the Town of Monroe of PO Box 86, Monroe, SD 57047-0086 the holder and/or owner of Incorporated Water Permit No. 5466-3 is issued a license to appropriate water, the right to use 0.176 cubic feet of water per second from groundwater (two wells) with priority dates of October 8, 1956 (0.0667 cfs) and June 21, 1990 (0.11 cfs) from the location specified in (2) of this license. The water will be utilized for municipal purposes. This license is subject to any limitations or qualifications listed in Incorporated Water Permit No. 5466-3 and subject to South Dakota State Law.



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

OCT 1 1993

date



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

August 11, 1993

Permit No. 5466-3

Sandra LaPoint, Finance Officer
City of Monroe
P.O. Box 86
Monroe, SD 57047

Dear Ms. LaPoint:

The inspection of your water use system and the inspection of the extent of application of water to beneficial use, as developed under Water Right No. 312-3 and Water Permit No. 5466-3, has been completed. Your final water right document, the Water License, can now be issued. Upon licensing, the applicable portions of Water Right No. 312-3 will be incorporated into 5466-3.

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.

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 Division
(605) 773-3352

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

RECEIPT

413897

Division of Water Rights

South Dakota Department of Environment and Natural Resources

Pierre, _____ September 17, 19 93

RECEIVED OF Town of Monroe, PO Box 86, Monroe, SD 57047

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>5466-3</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 Hatch
Chief Engineer



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

OCT 1 1993

5466-3

Sandra LaPoint, Finance Officer
Town of Monroe
P.O. Box 86
Monroe, SD 57047-0086

Dear Ms. LaPoint:

Enclosed is Water License No. 5466-3. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 413897 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. 5466-3, 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 Division
(605) 773-3352

gm
enclosures

NOTE: The applicable portions of Water Right No. 312-3 have been incorporated into this Water License No. 5466-3.