

Considered: \_\_\_\_\_

WATER PERMIT NO. 5468-3

Phone: 428-3374

Name of Applicant: MINNEHAHA COMMUNITY WATER, CORP.

Post Office Address: RR 2, Box 26A, Dell Rapids, SD

Amount of Water Claimed: 0.55 cfs Total Acres: \_\_\_\_\_

Source of Water Supply: groundwater (Big Sioux Aquifer)

Water to be used for: rural water system County: Minnehaha

About 2 miles South of Dell Rapids

PROOF OF PUBLICATION: Received \_\_\_\_\_ Not Received \_\_\_\_\_

APPLICATION: Approved \_\_\_\_\_ Subject to \_\_\_\_\_

F.F.& C/.L. Adopted \_\_\_\_\_ Not Approved \_\_\_\_\_ Deferred \_\_\_\_\_

PRIORITY Date Received: 8/16/90 Fee: \$275 Remarks construct and put

to beneficial use 0.55 cfs reserved by FU Permit No. 5468-3, also add City of Hartford

Corrected Application Received \_\_\_\_\_ Period of Annual Use \_\_\_\_\_

WATER QUALITY APPROVAL RECEIVED \_\_\_\_\_ APPROVED/CONDITIONAL (Circle one)

WI-1 Description same as Application YES \_\_\_\_\_ NO \_\_\_\_\_ REMARKS \_\_\_\_\_

Diversion Point: SE1/4 NE1/4 Section 29 T104N-R49W

Land to be Irrigated: \_\_\_\_\_

|  |  |  |  |  |  |
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|  |  |  |  |  |  |

Well Log: Driller: Lacey Licensed YES x NO \_\_\_\_\_

Depth of Well: 60' REMARKS \_\_\_\_\_

Type of Map: Topo PREPARED BY: David Odens Reviewed and the Number

Assigned on 8/24/90 By Eric Gronlund

No. 5468-3 Hydrologic Unit 10170203  
 Map No. \_\_\_\_\_ Basin Big Sioux  
 Newspaper Canistota Clipper, Box 128, Canistota, SD  
Sioux Valley News, Box 255, Canton, SD  
Dell Rapids Tribune, Box 99, Dell Rapids, SD

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

# 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. 4838-3

1. Name of Applicant MINNEHAHA COMMUNITY WATER, CORP. Phone No. (605) 428-3374

Post Office Address RR 2, BOX 26A, DELL RAPIDS State SD  
(Street, RR or Box) (City) Zip Code

2. Amount of water claimed (c.f.s.) .55 C.F.S. (240 acre-feet annually)

3. Source of water supply SHALLOW WELL, BIG SIOUX AQUIFER

4. Location of point of diversion N.E. QUARTER OF SECTION 29, TWP. 104, R-49,  
MINNEHAHA COUNTY, SOUTH DAKOTA (see attached map)

County \_\_\_\_\_

5. Counties where water will be used MINNEHAHA AND PARTS OF LINCOLN AND McCOOK COUNTIES

6. Annual period during which water is to be used YEAR AROUND 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)

An additional well to serve additional rural customers and also the City of Hartford and several developments (see Water Supply Well Drawing)

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 Minnehaha)<sup>ss</sup>

I, John Buss 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.

PATTY L. HALL

Notary Public

My Commission Expires  
 July 2, 1992

Signed

John Buss

Subscribed and sworn to before me this 15th day of August 1990

Patty L. Hall  
 Notary Public

**SOUTH DAKOTA  
WATER PERMIT No. 5468-3**

Date of first receipt of application August 16, 1990.

Date of return to applicant for corrections, amendments or changes  
August 17, 1990.

Date of receipt of corrected application August 22, 1990.

The Water Management Board approved Water Permit Application No. 5468-3 on December 5, 1990 for Minnehaha Community Water Corporation, RR 2, Box 26A, Dell Rapids, SD 57022 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. 5468-3 authorizes construction and placement to beneficial use in the Minnehaha Community Water Corp. (MCWC) water distribution system, 0.55 cubic feet of water per second (240 acre feet annually) from one well (Big Sioux - Sioux Falls Aquifer) 60 feet deep located in the SE1/4 NE1/4 Section 29 T104N, R49W. This water was appropriated and reserved by Future Use Permit No. 4838-3. This Permit also adds the City of Hartford to the MCWC distribution system.
2. The water appropriated shall be used for the purpose of supplying water for the distribution system and may not exceed the amount of water needed for beneficial use for the rural water system.
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 October 19, 1981.
5. One-fifth of the construction is to be completed on or before June 5, 1993.
6. All construction is to be completed on or before December 5, 1995.
7. Water is to be put to beneficial use on or before December 5, 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**

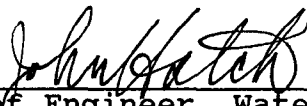
1. The well authorized by Permit No. 5468-3 shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted with cement (bottom to top) from the producing formation to the surface pursuant to Section 74:02:04:30.

(continued)

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.
3. That Minnehaha Community Water Corporation report to the Chief Engineer annually the amount of water withdrawn each year from the Big Sioux - Sioux Falls Aquifer.

**WATER MANAGEMENT BOARD**

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

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

MAR 27 1991

\_\_\_\_\_  
(date)

## Supplemental Information

(type or print in ink)



## 1. Well Information - Proposed construction

- a) Drill Hole Diameter 20" Depth 60'
- b) Casing Type Steel Diameter 12" Thickness 1/4"  
Johnson Well Screen
- c) Screen Type SS Watermark Diameter 12" ~~Thickness~~ Length 15'
- d) Gravel Pack Thickness 4" Length of Gravel Pack 30'
- e) Depth to Top of Water Bearing Material 14-15'
- f) Depth to Water (ground surface to water level) 12' - 14' (Natural grade to water surface)
- g) Distance to nearest existing domestic well:  
 On applicants property 300' On property owned by others 1700'

## 2. Dugout Information Estimates

- 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. The locations of each dam should 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 \_\_\_\_\_

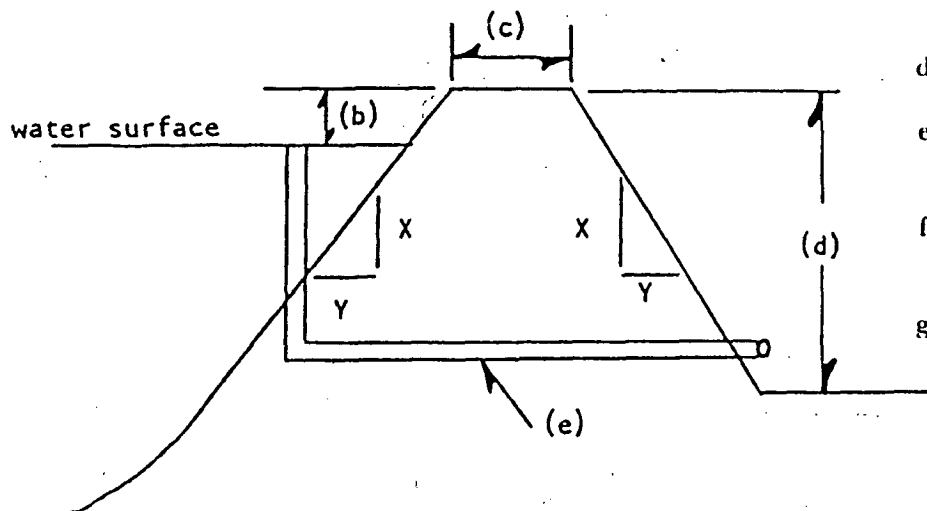
g) X & Y Slope  
 Upstream \_\_\_\_\_

Downstream \_\_\_\_\_

Surface Area of Impoundment \_\_\_\_\_

Storage \_\_\_\_\_ acre feet

Drainage area above dam \_\_\_\_\_



Signature of Applicant \_\_\_\_\_

5468-3

**10-85**

Date ✓ 9-30-92

1. Contract Minnehaha Community Water Corp. Date September 16, 1992  
 2. City and State SW of Dell Rapids, SD Driller Duane Trask  
 3. Well No. TW92-2 at test hole No. 92-2 Well location (attach map) North & East of TH.

4. Work completed September 17, 1992 No of man hours as charged to job on time sheet

| 5. MATERIAL:    | LENGTH     | DIA.      | GAUGE OR WALL THICKNESS | MATERIAL   | TYPE             | NO. OF OPENINGS |
|-----------------|------------|-----------|-------------------------|------------|------------------|-----------------|
| 6. Screen       | <u>20'</u> | <u>4"</u> | <u>Sch. 40</u>          | <u>PVC</u> | <u>Crestline</u> | <u>.018</u>     |
| 7. Inner Casing | <u>36'</u> | <u>4"</u> | <u>Sch. 40</u>          | <u>PVC</u> | <u>Crestline</u> | <u>Blank</u>    |
| 8. Outer Casing |            |           |                         |            |                  |                 |

9. 1/4 tons of gravel used in the well. Size 8x50

10. Test of well. Did you use test or permanent pump? YES 3" Contractors Pump  
 Size of Bowl Stages

11. Size of orifice inch by inch. Orifice tube reading inches.

12. Pumping test — measurements from ground level:

| TIME         | G.P.M.     | STATIC        | DRAWDOWN  | PUMPING LEVEL |
|--------------|------------|---------------|-----------|---------------|
| <u>2 HRS</u> | <u>1-5</u> | <u>9' TOC</u> | <u>8'</u> | <u>17'</u>    |
|              |            |               |           |               |
|              |            |               |           |               |
|              |            |               |           |               |
|              |            |               |           |               |
|              |            |               |           |               |
|              |            |               |           |               |



13. Recovery in 5 minutes full, in 30 minutes

14. Did you seal bottom of well? YES Thickness inches, material Sch 40 PVC Cap

15. Well underreamed? From feet to feet, feet to feet.

16. If all screen was not placed at bottom, state how it was spaced.

From feet to feet; from feet to feet; from feet to feet.

17. Depth of well from ground level to top of plug 54' Size of drilled hole 8"

18. Was cement placed around or between any of the casings? YES Top 30'

19. If so, state where, how much and method used. Poured Portland

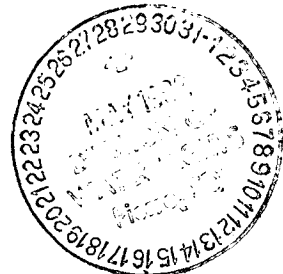
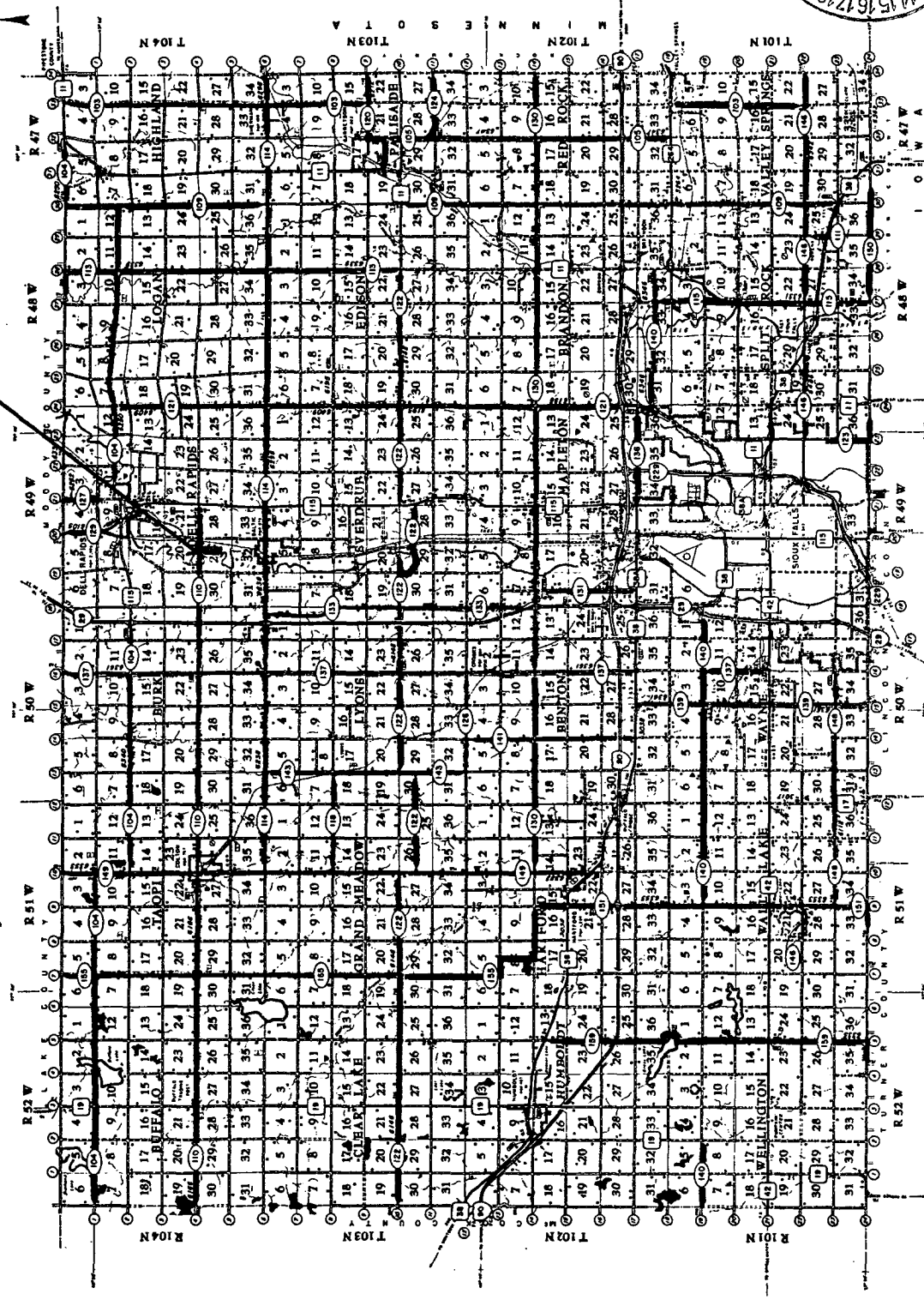
Log of well from ground level:

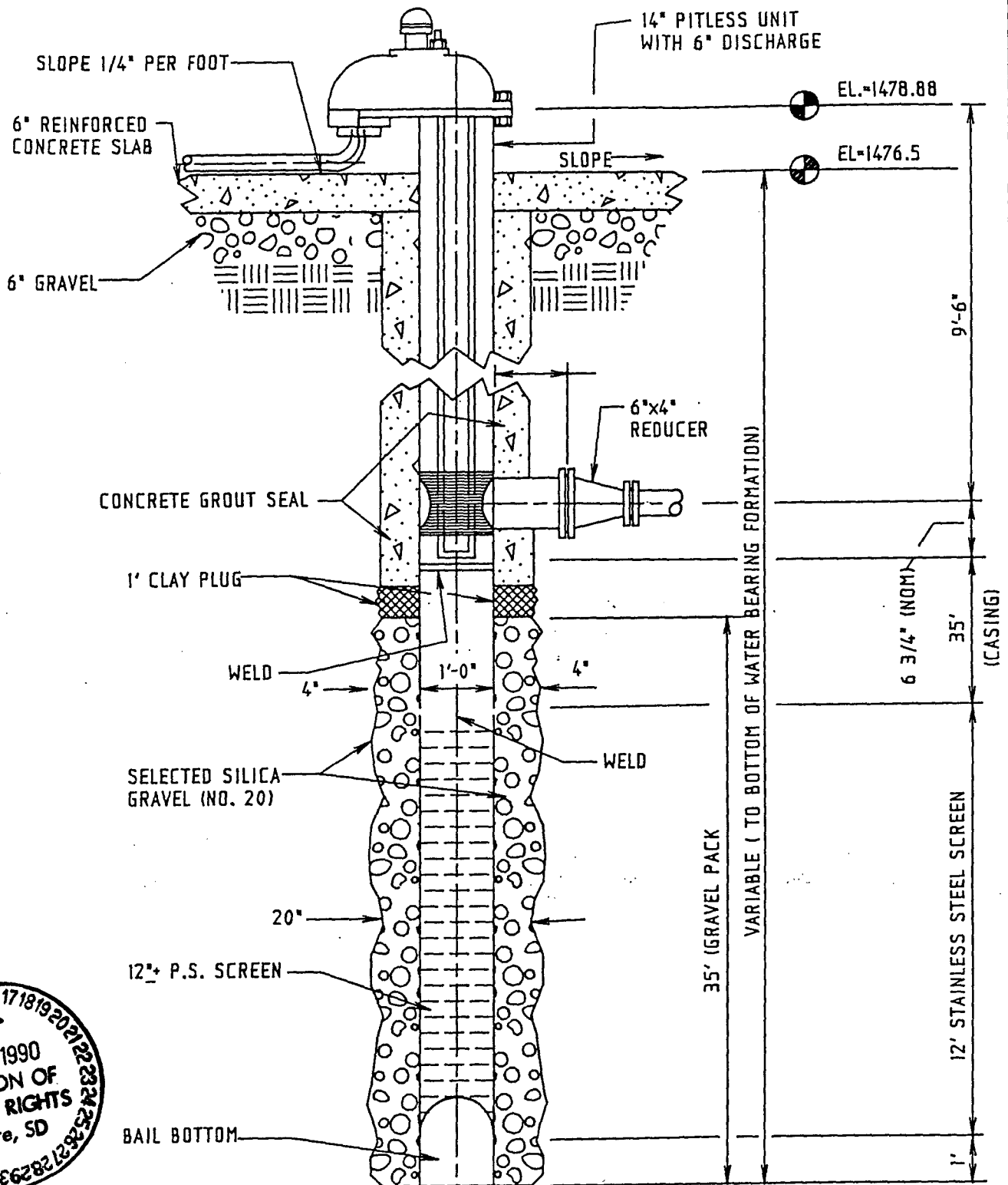
The diagram illustrates a cross-section of a well casing and pack system. The total depth of the casing is 54 feet. The casing is composed of a 20-foot screen section and a 36-foot casing section. The screen section is surrounded by a 25-foot gravel pack. The casing section is surrounded by a 29-foot clay pack. The casing has an 8-inch diameter. A 4-inch plug is located at the bottom of the casing. The natural ground level is indicated at the bottom right.

Diagram illustrating the components and dimensions of a well casing and pack system:

- Depth:** 54'
- Gravel Pack:** 25'
- Portland Cement Clay Pack:** 29'
- Casing Extension:** 2'
- Screen:** 20'
- Casing:** 36'
- Drilled Hole:** 8" diameter
- Plug:** 4" diameter
- Natural Ground Level:** Indicated at the bottom right.

The distribution system is served by one treatment plant using all ten wells as its source





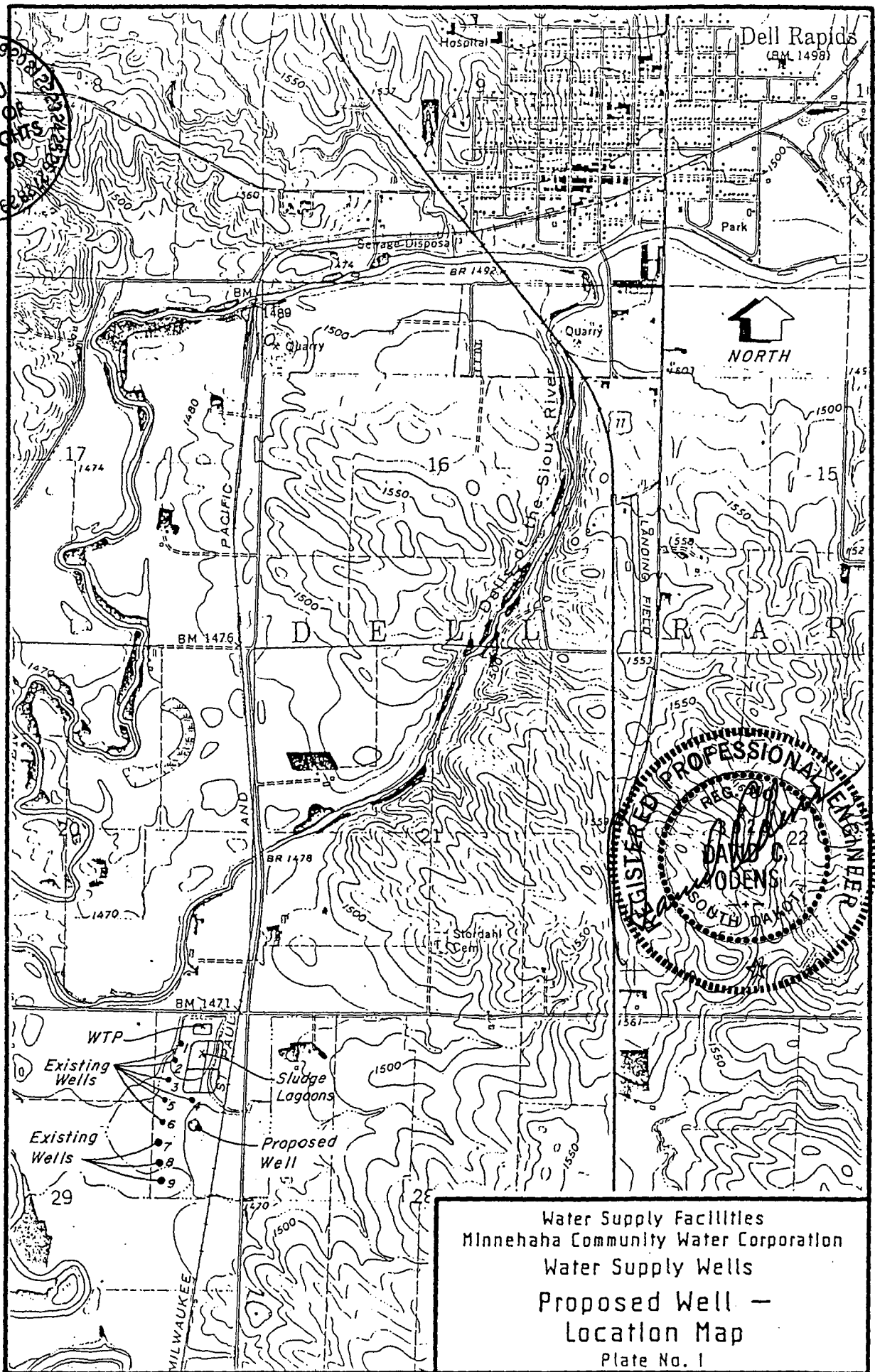
#### NOTES

1. SET PUMP INLET AT 10" FROM TOP OF SCREEN.
2. LOWER PROBE CONTROLLER SET AT 2' UP FROM PUMP INLET.
3. UPPER PROBE CONTROLLER SET 2' UP FROM LOWER PROBE.

WATER SUPPLY FACILITIES  
 Minnehaha Community Water Corporation  
 WATER SUPPLY WELL  
 FINISHED WELL CROSS SECTION  
 WELL NO. 10  
 FIGURE A

5468-3





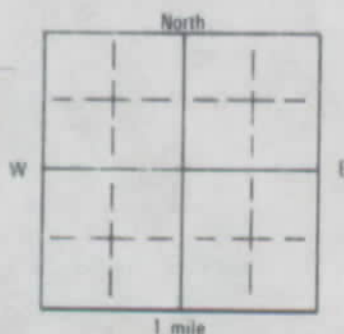
5468-3

## SOUTH DAKOTA WATER WELL COMPLETION REPORT

10-85

Location NE 1/4 Sec 29 Twp 104N Rg 49WCounty Minnichaha

Please mark well location with an "X"

Well Completion Date Jan 91

## PROPOSED USE

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

## Method of Drilling

forced casing

## CASING DATA

☒ Steel ☐ Plastic ☐ Other

If other describe \_\_\_\_\_

| PIPEWEIGHT         | DIAMETER     | FROM        | TO           | HOLE DIAMETER |
|--------------------|--------------|-------------|--------------|---------------|
| <u>49.56</u> LB/FT | <u>12</u> IN | <u>0</u> FT | <u>33</u> FT | <u>20</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? 0 to 22 FEETWhat is grouting material? Cement

If cement, number of sacks? \_\_\_\_\_

Describe grouting procedure gravity feed with Tremie pipe

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

SCREEN ☐ Perforated pipe ☒ ManufacturedDiameter 12 IN Length 15 FEETMaterial Stainless steelHole Size .660 Set From 93 Feet To 48 Feet

Set From \_\_\_\_\_ Feet To \_\_\_\_\_ Feet

Set From \_\_\_\_\_ Feet To \_\_\_\_\_ Feet

## Well Owner

Name Minnichaha Comm. Water Corp.Address RR Shell Rapids

## Well Log

## Depth

## Formation

## From

## To

|                       |           |           |
|-----------------------|-----------|-----------|
| <u>top soil</u>       | <u>0</u>  | <u>1</u>  |
| <u>clay brown</u>     | <u>1</u>  | <u>9</u>  |
| <u>clay dark grey</u> | <u>9</u>  | <u>23</u> |
| <u>sand fine</u>      | <u>23</u> | <u>25</u> |
| <u>sand coarse</u>    | <u>25</u> | <u>44</u> |
| <u>sand medium</u>    | <u>44</u> | <u>48</u> |

STATIC WATER LEVEL 19'-8" 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

☒ Pumpedline shaft turbine☐ Bailed

Describe \_\_\_\_\_

☐ Other \_\_\_\_\_

## Pumping Level Below Land Surface

31 ft After 5 Hrs pumped 550 GPM

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

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

## REMARKS

# RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

412345

Pierre, August 23, 19 90

RECEIVED OF Minnehaha Community Water Corp., RR #2 Box 26A, Dell Rapids SD 57022

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

|                                                                                                                                    |       |        |
|------------------------------------------------------------------------------------------------------------------------------------|-------|--------|
| Fee for Application for Permit No. <u>5468-3</u> to Appropriate Water, to construct works and to put water to beneficial use _____ | 275   | 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 Certified Copy of _____                                                                                                    |       |        |
| Fee for Print Copy of Map _____                                                                                                    |       |        |
| Fee for Certifying _____                                                                                                           |       |        |
| Fee for _____                                                                                                                      |       |        |
| (Any Other Work Provided by Law)                                                                                                   | Total | 275 00 |

By

Chief Engineer

*John Hatchman*



# MINNEHAHA COMMUNITY WATER, CORP.

RURAL ROUTE 2, BOX 26A  
DELL RAPIDS, SOUTH DAKOTA 57022  
TELEPHONE (605) 428-3374 or 529-5799

August 15, 1990



Jim Goodman  
Water Rights Division  
523 East Capitol  
Pierre, SD 57501

re: Application for Permit for  
Appropriation of Water Within  
the State of South Dakota

Jim,

Please find enclosed two application forms for Appropriation of  
Water from a Planned New Well.

If you need more information, please feel free to contact us.

Sincerely,

John Buss  
Manager

JB/js

Enclosures



# Water & Natural Resources

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

August 17, 1990

Mr. John Buss, Manager  
Minnehaha Community Water, Corp.  
RR #2, Box 26A  
Dell Rapids, SD 57022

Dear Mr. Buss:

This letter is in regards to the water permit application received August 16, 1990 to construct and place to beneficial use 0.55 cfs reserved by Future Use Permit No. 4838-3.

The following items need to be addressed to complete the water permit application.

- 1) An application filing fee in the amount of \$275 is required.
- 2) Future Use Water Permit No. 4838-3 was reviewed and allowed to remain in effect as amended by the Water Management Board at their December 7, 1989 meeting. As I'm sure your aware, the amendment added a qualification changing the diversion rate of 4.0 cfs to a volume of 1740 acre feet annually. The application claims 0.55 cfs which in effect is 398 acre feet annually if you consider continuance use. Am I correct in amending the permit application to state the amount of water claimed is 398 acre feet of water annually at a maximum diversion rate of 0.55 cfs?

I will await the filing fee and confirmation of the amount of water claimed prior to processing the application. The hearing before the Water Management Board can not scheduled until a complete application is received.

Please feel free to contact me if you have any questions.

Sincerely,

Eric Gronlund  
Water Rights Division  
605 773-3352



# MINNEHAHA COMMUNITY WATER, CORP.

RURAL ROUTE 2, BOX 26A  
DELL RAPIDS, SOUTH DAKOTA 57022  
TELEPHONE (605) 428-3374 or 529-5799



August 20, 1990

Eric Gronlund  
Water Rights Division  
SD Dept. of Water & Natural Resources  
Joe Foss Building, 523 East Capitol  
Pierre, South Dakota 57501-3181

re: Annual Diversion Rate

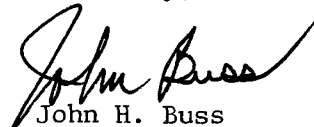
Dear Eric:

I am in agreement with your calculation of 398 acre feet annually at a rate of .55 CFS.

Enclosed please find a check for the \$275 requested.

Please feel free to contact me if you have any further comments or questions.

Sincerely,

  
John H. Buss  
Manager

JHB/js

Report on Water Permit Application No. 5468-3  
Minnehaha Community Water Corporation  
August 27, 1990

This application proposes to construct and put 0.55 cfs to beneficial use (240 acre feet annually) from one well approximately 60 feet deep located in the SE 1/4 NE 1/4 of section 29, T104N R49W in Minnehaha County. This water is reserved by Future Use Permit No. 4838-3 and will be used to supply additional water to the rural water system and to add the City of Hartford to the distribution system.

AQUIFER - BIG SIOUX-SIOUX FALLS (BS-SF)

The Big Sioux-Sioux Falls (BS-SF) consists of an alluvium mantled glacial (sand and gravel) under predominantly water table conditions. The aquifer underlies 22,900 acres and contains an estimated 103,050 acre feet of recoverable water in Minnehaha County (Hedges, 1982). Recharge has been estimated at 6.9 inches per year (Koch, 1982) for the BS-SF or approximately 13,200 acre feet per year. Annual water use from the aquifer is exceeding the estimated recharge from direct precipitation. However, the difference is made up by capturing flows from the Big Sioux River which is hydraulically connected with the aquifer. The median of yearly mean discharges is 390 cfs (283,000 acre feet per year) for the Big Sioux River at Sioux Falls (USGS, 1988). Water is available from the hydrologic system.

The Division of Water Rights monitors one observation well MA-80DA which is located within 1/2 mile of this diversion point. Water level records for this well fluctuate due to precipitation extremes. The water levels have varied from 2.9 feet to 15.5 feet below land surface representing wet conditions in 1983 and 1984 and dry conditions in 1990 (Water Rights, 1990). Water levels remain high during the wet years and gradually decline during dry years. Seasonally, water levels can be expected to decline from 3 to 5 feet from spring to fall in any given year. The effects of pumping (drawdowns) are not readily apparent from examination of the water level record. Observed drawdowns from testing in this area indicates one of the rural water system wells had a specific capacity of 14 gpm/ft of drawdown with 2 feet drawdown 50 feet away from the production well (see Permit No. 2311-3). Additional testing for wells #7, #8 and #9 indicate specific capacities ranging from 16 to 22 gpm/ft of drawdown (see Permit No. 5152-3). The effects of pumping simply do not extend very far laterally and water levels in the aquifer depend more upon recharge or lack of recharge than pumping.

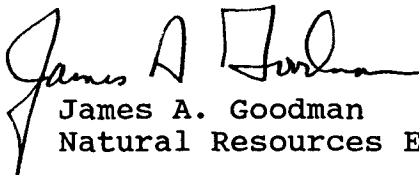
REVIEW OF EXISTING WATER PERMITS/RIGHTS

Other than Permit Nos. 2311-3, 4838-3 and 5152-3 for Minnehaha Community Water Corporation (MCWC) there is only one other nearby ground water Permit No. 2678-3 which authorizes 1.65 cfs from one well for irrigation and is located about 1/2 mile north of this proposed diversion. The MCWC has permits for 9 wells with a total diversion of 7 cfs. All of these wells are located within a 40 acre area.

Interference is not expected to be a problem even though the nearest existing production well is approximately 300 feet away. Also Future Use Permit No. 4438-3 has been amended to authorize a total diversion of 1740 acre feet per year.

#### CONCLUSIONS

1. Water is available from the BS-SF aquifer.
2. Even though the estimated average annual recharge from direct precipitation is being exceeded for this management unit, other recharge water is made available from the Big Sioux River which will maintain ground water levels as long as there is flow in the river.
3. Adequate flows do exist in the Big Sioux River under normal conditions.
4. Interference is not a problem. Data from performance testing of the rural water system wells indicates significant drawdowns will not occur. MCWC has control and can manage all the diversions if problems would occur.
5. Approval of this application will leave 1740 minus 240 or 1500 acre feet remaining under Future Use Permit No. 4838-3.
6. The well authorized by this application must be completed in accordance with SD Well Construction Standard 74:02:04:30.
7. MCWC should submit water use data for total annual use from the BS-SF aquifer.



James A. Goodman  
Natural Resources Engineer IV

#### BIBLIOGRAPHY

- Hedges, L.S., 1982, EVALUATION OF GROUND WATER RESOURCES EASTERN SOUTH DAKOTA AND UPPER BIG SIOUX RIVER, SD AND IOWA, for US Army Corps of Engineers, SD DWR, SDGS, Vermillion, SD, 57069.
- Koch, N.C., 1982, A DIGITAL-COMPUTER MODEL OF THE BIG SIOUX AQUIFER IN MINNEHAHA COUNTY, SOUTH DAKOTA, USGS WRI 82-4064, USGS, Huron, SD, 57350.
- USGS, 1988, WATER RESOURCES DATA SOUTH DAKOTA WATER YEAR 1988, USGS Water Data Report SD-88-1, USGS, Huron, SD, 57350.
- Water Rights, 1990, BS-SF AQUIFER OBSERVATION WELL RECORDS FOR MINNEHAHA COUNTY, SD DWR, Div. of Water Rights, Pierre, SD, 57501.

RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT  
APPLICATION NO. 5468-3, Minnehaha Community Water Corp.

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. 5468-3, Minnehaha Community Water Corp., RR 2 Box 26A, Dell Rapids SD.

The Chief Engineer is recommending APPROVAL of Application No. 5468-3 because 1) the proposed diversion can be developed without unlawful impairment of existing rights, 2) the proposed use is a beneficial use and 3) in the public interest with the following qualifications:

1. The well authorized by Permit No. 5468-3 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.
3. That Minnehaha Community Water Corporation report to the Chief Engineer annually the amount of water withdrawn each year from the Big Sioux - Sioux Falls Aquifer.

See report on application for additional information.

  
JOHN HATCH, Chief Engineer  
September 28, 1990

## Conversation or File Documentation

NAME OF PERSON OR FILE: Minnehaha Community Water Corp.

ADDRESS: \_\_\_\_\_ COUNTY \_\_\_\_\_

DATE: 9/28/90 TELEPHONE 428-3374

RE: \_\_\_\_\_

## COMMENTS:

Called Mr. John Buss to discuss the annual volume of water to be used und WP appl. No. 5468-3. I explained that the general "rule of thumb" is that 60% of the diversion rate is used on a yearly basis. In this case, ~~that~~ 0.55 cfs would be considered 240 ac-ft/annually (398 ac-ft x 0.6). Mr. Buss agreed and asked that I amende the application to include 240 ac-ft as the annual water use.

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 Gundlund



# Department of Water & Natural Resources

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

October 29, 1990

Dell Rapids Tribune  
Box 99  
Dell Rapids SD 57022-0099

ATTN: Legal Publications:

Enclosed is a Notice of Hearing on Application No. 5468-3 to be published twice. Please publish the first notice on or before November 8, 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 Minnehaha Community Water Corp., RR #2 Box 26A, Dell Rapids SD 57022.

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*  
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 \_\_\_\_\_



# Department of Water & Natural Resources

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

October 29, 1990

Sioux Valley News  
Box 255  
Canton SD 57013-0255

ATTN: Legal Publications:

Enclosed is a Notice of Hearing on Application No. 5468-3 to be published twice. Please publish the first notice on or before November 8, 1990 with the second publication 7 days later.

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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 \_\_\_\_\_



# Department of Water & Natural Resources

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

October 29, 1990

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

John Buss  
Minnehaha Community Water Corp.  
RR #2 Box 26A  
Dell Rapids SD 57022

Dear Mr. Buss:

Water Permit Application No. 5468-3 for rural water system 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 Publishers of the Tribune, Sioux Valley News, and the Clipper printed at Dell Rapids, Canton, and Canistota SD respectively. 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 newspapers to authorize publication of your Notice of Intent to Appropriate Water and to arrange for payment. Early contact with the papers can eliminate delays. The publishers have 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

October 29, 1990

Canistota Clipper  
Box 128  
Canistota SD 57012-0128

ATTN: Legal Publications:

Enclosed is a Notice of Hearing on Application No. 5468-3 to be published twice. Please publish the first notice on or before November 8, 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 Minnehaha Community Water Corp., RR #2 Box 26A, Dell Rapids SD 57022.

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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 \_\_\_\_\_

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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 November 8, 1990 with the second publication 7 days later. The applicant is responsible for payment.

---

NOTICE OF HEARING on Application No. 5468-3 to Appropriate Water

Notice is given that Minnehaha Community Water Corp., RR #2 Box 26A, Dell Rapids SD 57022 has filed an application for a water permit to construct and place to beneficial use in the Minnehaha Community Water Corp. (MCWC) water distribution system, 0.55 cubic feet of water per second (240 acre feet annually) from one well (Big Sioux - Sioux Falls Aquifer) 60 feet deep located in the SE1/4 NE1/4 Section 29-T104N-R49W. This water was appropriated and reserved by Future Use Permit No. 4838-3. This application also adds the City of Hartford to the MCWC distribution system.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 5468-3 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.

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 opposing 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 November 26, 1990. 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.

The Chief Engineer will act on this application in accordance with the above recommendation and no hearing will be held if the applicant does not contest the Chief Engineer's recommendation and no petition is filed opposing the application. If the applicant contests the recommendation or an interested person opposes the application, then the application will be considered by the Water Management Board. Petitions filed in support of the application will not require the Board to hear the application. The Board may conduct a hearing no sooner than 10:00 am, on December 5, 1990 at the Hilton Inn, Deerfield Room, 445 Mt. Rushmore Road, Rapid City SD and the hearing may be rescheduled for a later date. If the hearing is rescheduled, notice will be given of the time and place. The above 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 November 26, 1990.

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. This hearing is an adversary proceeding. Any person filing a petition opposing the application 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 the Water Rights Division to request copies of information pertaining to this application or to assure access to the hearing by the handicapped.

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; 46-5-1 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; 46-5-38 thru 46-5-40; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

## PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA )  
County Lincoln ) ss.

I, Sandra Lundstrom  
certify that the attached printed Notice was taken  
from the SIOUX VALLEY NEWS

A newspaper which during the whole time of publication of  
said notice herein after stated, has been and is printed and  
published in the \_\_\_\_\_

\_\_\_\_\_ City \_\_\_\_\_ of \_\_\_\_\_ Canton \_\_\_\_\_

County of Lincoln and State of South Dakota;  
that the said notice was published in said newspaper on the  
following two dates:

November 8

November 15

Sandra Lundstrom  
(Signature)

Bookkeeper

(Title)

11-15-90

(Date Signed)

### NOTICE OF HEARING On Application No 5468-3 To Appropriate Water

Notice is given that Minnehaha Community Water Corp, RR#2 Box 26A, Dell Rapids, South Dakota 57022 has filed an application for a water permit to construct and place to beneficial use in the Minnehaha Community Water Corp., (MCWC) water distribution system, 0.55 cubic feet of water per second (240 acre feet annually) from one well (Big Sioux - Sioux Falls Aquifer) 60 feet deep located in the SE1/4NE1/4 Section 29-T104N-R49W. This water was appropriated and reserved by Future Use Permit No. 4838-3. This application also adds the City of Hartford to the MCWC distribution system.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No.5468-3 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.

Any person interested in oppos-



Cost of Printing: \$48.04

VERNON R. THORSON  
My commission expires  
January 20, 1995.

ing or supporting this application must file a written petition with BOTH the applicant and Chief Engineer. The applicant must also file a petition if opposing the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 East Capitol, Pierre, South Dakota 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 November 26, 1990. 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.

The Chief Engineer will act on this application in accordance with the above recommendation and no hearing will be held if the applicant does not contest the Chief Engineer's recommendation and no

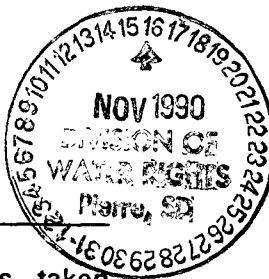
petition is filed opposing the application. If the applicant contests the recommendation or an interested person opposes the application, then the application will be considered by the Water Management Board. Petitions filed in support of the application will not require the Board to hear the application. The Board may conduct a hearing no sooner than 10:00 a.m., on December 5, 1990 at the Hilton Inn, Deerfield Room, 445 Mt. Rushmore Road, Rapid City, South Dakota and the hearing may be rescheduled for a later date. If the hearing is rescheduled, notice will be given of the time and place. The above 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 November 26, 1990.

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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; 46-5-1 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; 46-5-38 thru 46-5-40; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15; 74:02:01:24 thru 74:02:01:25.  
(11-8-15)

## PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA )  
 County Minnehaha ) ss.



I, Carolyn L. Lamberty

certify that the attached printed Notice was taken  
 from the Dell Rapids Tribune

A newspaper which during the whole time of publication of  
 said notice herein after stated, has been and is printed and  
 published in the \_\_\_\_\_

city of Dell Rapids

County of Minnehaha and State of South Dakota;  
 that the said notice was published in said newspaper on the  
 following two dates:

November 7, 1990

November 14, 1990

Carolyn L. Lamberty  
 (Signature)

Bookkeeper/Office Clerk  
 (Title)

November 14, 1990  
 (Date Signed)

Cost of Printing: \$53.97

## Notice/

**NOTICE OF HEARING**  
**On Application No. 5468-3**  
**To Appropriate Water**

Notice is given that Minnehaha Community Water Corp., RR #2 Box 26A, Dell Rapids, SD 57022 has filed an application for a water permit to construct and place to beneficial use in the Minnehaha Community Water Corp. (MCWC) water distribution system, 0.55 cubic feet of water per second (240 acre feet annually) from one well (Big Sioux-Sioux Falls Aquifer) 60 feet deep located in the SE1/4 NE1/4 Section 29-T104N-R49W. This water was appropriated and reserved by Future Use Permit No. 4838-3. This application also adds the City of Hartford to the MCWC distribution system.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 5468-3 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.

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The Chief Engineer will act on this application in accordance with the above recommendation and no hearing will be held if the applicant does not contest the Chief Engineer's recommendation and no petition is filed opposing the application. If the applicant contests the recommendation or an interested person opposes the application, then the application will be considered by the Water Management Board. Petitions filed in support of the application will not require the Board to hear the application. The Board may conduct a hearing no sooner than 10:00 a.m., on December 5, 1990 at the Hilton Inn, Deerfield Room, 445 Mt. Rushmore Road, Rapid City, SD, and the hearing may be rescheduled for a later date. If the hearing is rescheduled, notice will be given of the time and place. The above 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 November 26, 1990.

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T-November 7, 14

## Public Notice

Notice of Hearing On Application No. 5468-3 To Appropriate Water

## PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA )  
County McCook ) ss.

I, Wendell Anderson

certify that the attached printed Notice was taken from the Canistota Clipper

A newspaper which during the whole time of publication of said notice herein after stated, has been and is printed and published in the city of Canistota of \_\_\_\_\_

County of McCook and State of South Dakota; that the said notice was published in said newspaper on the following two dates:

November 1, 1990

November 8, 1990

Wendell Anderson  
(Signature)

Owner  
(Title)

11-20-90  
(Date Signed)

Cost of Printing: 2 Weeks

\$ 51.14

Notice is given that Minnehaha Community Water Corp., RR #2 Box 26A, Dell Rapids, SD 57022 has filed an application for a water permit to construct and place to beneficial use in the Minnehaha Community Water Corp. (MCWC) water distribution system, 0.55 cubic feet of water per second (240 acre feet annually) from one well (Big Sioux - Sioux Falls Aquifer) 60 feet deep located in the SE 1/4 NE 1/4 Section 29-T104N-R49W. This water was appropriated and reserved by Future Use Permit No. 4838-3. This application also adds the City of Hartford to the MCWC distribution system.

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The 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. This hearing is an adversary proceeding. Any person filing a petition opposing the application and/or the applicant have the right to be represented by a lawyer and may present evidence or cross-examine witnesses according to SDCL 1-2-24. These and other due process rights will be fortified if not exercised. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law. Contact the Water Rights Division to request copies of information pertaining to this application or to assure access to the hearing by the handicapped.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-11 thru 46-1-16; 46-2-3.1, 46-2-9, 46-2-11 thru 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, 46-6-26; 46-5-38 thru 46-5-40; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

11-1-2tc.



DEPARTMENT OF WATER & NATURAL RESOURCES

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

MAR 27 1991

John Buss  
Minnehaha Community Water Corp.  
RR 2 Box 26A  
Dell Rapids, SD 57022

Dear Mr. Buss:

Enclosed is Water Permit No. 5468-3 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,

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.



5468-3

**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

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

January 7, 1992

Minnehaha Community Water Corp.  
John Buss  
RR 2 Box 26A  
Dell Rapids SD 57022

Dear Mr. Buss:

Pursuant to a qualification on Water Permit/Right No(s). 5468-3, we are requesting that the Minnehaha Community Water Corp. report to the Chief Engineer the amount of water withdrawn for the year 1991. Please respond by February 10, 1992.

If you have any questions concerning this or other water rights questions, please contact Don Frye, Natural Resources Analyst, (605) 773-3352.

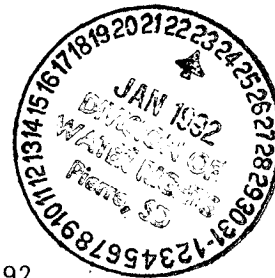
Very truly yours,

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



# MINNEHAHA COMMUNITY WATER, CORP.

RURAL ROUTE 2, BOX 26A  
DELL RAPIDS, SOUTH DAKOTA 57022-9424  
TELEPHONE (605) 428-3374 or 529-5799  
FAX (605) 428-3395



January 21, 1992

D.E.N.R., Water Rights Division  
Ron Duvall  
Natural Resources Engineer  
Joe Foss Building  
523 E. Capitol  
Pierre, SD 57501-3181

RE: 1991 Water Withdrawal

Dear Ron:

Enclosed is the information you requested in your letter of January 7, 1992.

Total withdrawal from our well field during 1991 was 456.3 million gallons.

Also enclosed are the current yields for Wells No. 1 thru 10. Our plans for the future include relocating Wells No. 1 and 4 to get the yield back up to the original permitted yield.

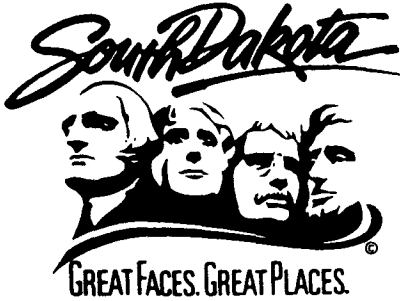
|           |         |           |         |
|-----------|---------|-----------|---------|
| Well # 1: | 65 GPM  | Well # 6: | 160 GPM |
| # 2:      | 165 GPM | # 7:      | 265 GPM |
| # 3:      | 120 GPM | # 8:      | 250 GPM |
| # 4:      | 25 GPM  | # 9:      | 220 GPM |
| # 5:      | 205 GPM | #10:      | 320 GPM |

*- 240 AF  
MAY - Dec 91*

I hope this answers any questions you may have.

Sincerely,

John Buss  
General Manager  
MCWC



**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

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

December 23, 1992

John Buss  
Minnehaha Community Water Corp.  
RR 2 Box 26A  
Dell Rapids SD 57022-9424

Dear Mr. Buss:

Pursuant to a qualification on Water Permit/Right No(s). 5468-3, I am requesting that the Minnehaha Community Water Corp. report the amount of water diverted under the permit(s) during 1992. Please respond by January 15, 1993.

If you have any questions concerning this or other water rights questions, please contact Barry McLaury, Natural Resources Analyst, (605) 773-3352.

Very truly yours,

RON DUVALL, Natural Resources Engineer  
for JOHN HATCH, Chief Engineer  
Water Rights Division



**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

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

January 26, 1993

**SECOND NOTICE**

John Buss  
Minnehaha Community Water Corp.  
RR 2 Box 26A  
Dell Rapids, SD 57022-9424

Dear Mr. Buss:

Pursuant to a qualification on Water Permit/Right No(s). 5468-3, we requested in our December 23, 1992 letter that the Minnehaha Community Water Corp. report the amount of water withdrawn during 1992. We have not received a reply and would appreciate your earliest response.

If you have any questions concerning this or other water rights questions, please contact Barry McLaury, Natural Resources Analyst, at (605) 773-3352.

Very truly yours,

RON DUVALL, Natural Resources Engineer  
for JOHN HATCH, Chief Engineer  
Water Rights Division

5468-3



## MINNEHAHA COMMUNITY WATER CORP.

RURAL ROUTE 2, BOX 26A  
DELL RAPIDS, SOUTH DAKOTA 57022  
TELEPHONE (605) 428-3374 or (605) 529-5799  
FAX (605) 428-3395  
January 28, 1993



John Hatch, Chief Engineer  
Water Rights Division DENR  
Joe Foss Building  
523 E. Capitol  
Pierre, SD 57501-3181

Dear Mr. Hatch:

As per Water Permit # 5468-3 we are supplying you with the amount of water withdrawn from the Big Sioux Aquifer during 1992. The following is the amount of water withdrawn from January 1, 1992 through December 31, 1992:

474,892,000 Gallons

If you have any further questions please feel free to give us a call.

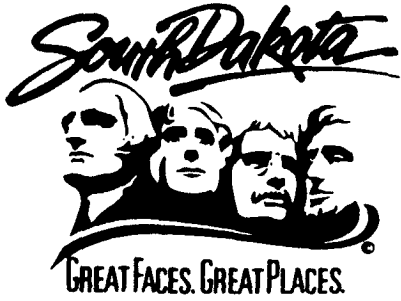
Sincerely,

James R. Zeck  
Chief Plant Oper.  
Minnehaha Community Water Corp.

2311-3 = 4 cfs  
4838-3 = 6 cfs  
5152-3 = 2 cfs  
5468-3

*Modify a letter for these people next year. they only need to report on total water pumped out of Big Sioux Aquifer.*

5468-3



**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

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

January 13, 1994

John Buss  
Minnehaha Community Water Corp.  
47381 248TH Street  
Dell Rapids, SD 57022-9424

Dear Mr. Buss:

Pursuant to a qualification on Water Permit/Right No. 5468-3, I am requesting that the Minnehaha Community Water Corp. report the total amount of water diverted from the Big Sioux - Sioux Falls Aquifer during 1993. Please respond by January 31, 1994.

If you have any questions concerning this or other water rights questions, please contact Barry McLaury, Natural Resources Analyst, (605) 773-3352.

Sincerely,

RON DUVAL, Natural Resources Engineer  
for JOHN HATCH, Chief Engineer  
Water Rights Division

Used 140 AF (They called in)

1-20-94

1489 AF Total



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

Date 5/26/92

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

FROM: Minnehaha Community Water Corp. RR 2 Box 26-A Dell Rapids, SD  
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. 5468-3.

Water Permit No. 5468-3 states that the diversion system is to be constructed by 12/05/95, and that the water it put to beneficial use by 12/05/99.

The diversion system was completed on 05/23/91.  
Applying the water to beneficial use was completed on 05/28/91.

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

John Buss  
signature

John Buss, Manager  
Minnehaha Community Water Corp.

## CHECK LIST FOR FIELD INSPECTION

Permit Number 4838-3Date 4/28/92

Other permit(s) associated with the project \_\_\_\_\_

NOTE: For Permits with additional wells or changes in well locations, record the following for each well: pumping capacity, date constructed, well driller and if a well log is available.

1. Diversion point legal location: EAST HALF OF NORTHEAST QUARTER (E½ NE¼) OF SECTION 29  
TOWNSHIP 104 NORTH, RANGE 49 WEST OF FIFTH PRINCIPLE MERIDIAN.

## 2. Well Information: Well Drilling Firm \_\_\_\_\_

No. of Wells 1 Depth(s) 48' 6" 60' (65')a) Casing 1) diameter 10 1/2" inches2) length 30.67 (65) feet3) type Steeld) Static Water Level 25.67 13 feet

e) Motor:

1) make Hitachi

2) model No. \_\_\_\_\_

3) horsepower rating 7.5 hpb) Screen 1) type Stainless Steel2) length 17.84 feetc) Pump 1) make Grundfos2) model Sp45-33) size 6 inches4) capacity 250 GPM5) turbine pump - No. of stages 26) operating pressure 18 PSI

## 3. Distribution lines or canals:

a) type \_\_\_\_\_ b) size \_\_\_\_\_ c) length \_\_\_\_\_

## 4. System Type:

a) Sideroll:

1) length \_\_\_\_\_ feet

2) diameter of pipe \_\_\_\_\_ inches

3) sprinkler spacing \_\_\_\_\_ feet

b) Towline:

1) length \_\_\_\_\_ feet

2) sprinkler spacing \_\_\_\_\_ feet

#### 4. System Type (continued):

##### c) Siphons:

- 1) size \_\_\_\_\_ inches
- 2) number \_\_\_\_\_

##### e) Center pivot:

- 1) make \_\_\_\_\_
- 2) overall length \_\_\_\_\_ feet
- 3) number of towers \_\_\_\_\_
- 4) distance between towers \_\_\_\_\_ feet
- 5) end gun \_\_\_\_\_ (Y/N)
- 6) high or low pressure \_\_\_\_\_
- 7) capacity \_\_\_\_\_ GPM

##### d) Gated pipe:

- 1) length \_\_\_\_\_ feet
- 2) diameter \_\_\_\_\_ inches
- 3) spacing of gates \_\_\_\_\_ inches

##### f) Gun:

- 1) make \_\_\_\_\_
- 2) nozzle size \_\_\_\_\_ inches
- 3) capacity \_\_\_\_\_ GPM
- 4) hose size \_\_\_\_\_ inches
- 5) hose length \_\_\_\_\_ feet

#### 5. Dam Information:

- a) height to crest \_\_\_\_\_ feet
- b) height to primary spillway \_\_\_\_\_ feet
- c) height to secondary spillway \_\_\_\_\_ feet
- d) crest width \_\_\_\_\_ feet
- e) crest length \_\_\_\_\_ feet
- f) spillway length \_\_\_\_\_ feet
- g) spillway width \_\_\_\_\_ feet
- h) approx. storage \_\_\_\_\_ ac-ft
- i) approx. storage to crest \_\_\_\_\_ ac-ft
- j) date constructed \_\_\_\_\_

##### k) outlet tubes:

- 1) diameter \_\_\_\_\_ inches
- 2) type \_\_\_\_\_
- 3) valved \_\_\_\_\_ (Y/N)
- 4) valve type \_\_\_\_\_
- 5) location on structure \_\_\_\_\_

l) category of dam \_\_\_\_\_ (I,II,III)

m) inspection sheet completed \_\_\_\_\_ (Y/N)

n) name of contractor \_\_\_\_\_

#### 6. Chemigation Equipment:

- b) main line check valve \_\_\_\_\_ (Y/N)
- d) low pressure drain \_\_\_\_\_ (Y/N)
- f) interlock type \_\_\_\_\_

a) does chemigate \_\_\_\_\_ (Y/N)

c) inspection port/air relief \_\_\_\_\_ (Y/N)

e) discharge is 20' from source \_\_\_\_\_ (Y/N)

g) injection pump type \_\_\_\_\_ h) injection check valve \_\_\_\_\_ (Y/N)

i) injection line check valve or positive displacement pump \_\_\_\_\_ (Y/N)

j) all chemigation equipment appears to be installed in proper position and comply with chemigation laws and rules \_\_\_\_\_ (Y/N)

k) comments :



#### 4. System Type (continued):

##### c) Siphons:

- 1) size \_\_\_\_\_ inches
- 2) number \_\_\_\_\_

##### e) Center pivot:

- 1) make \_\_\_\_\_
- 2) overall length \_\_\_\_\_ feet
- 3) number of towers \_\_\_\_\_
- 4) distance between towers \_\_\_\_\_ feet
- 5) end gun \_\_\_\_\_ (Y/N)
- 6) high or low pressure \_\_\_\_\_
- 7) capacity \_\_\_\_\_ GPM

##### d) Gated pipe:

- 1) length \_\_\_\_\_ feet
- 2) diameter \_\_\_\_\_ inches
- 3) spacing of gates \_\_\_\_\_ inches

##### f) Gun:

- 1) make \_\_\_\_\_
- 2) nozzle size \_\_\_\_\_ inches
- 3) capacity \_\_\_\_\_ GPM
- 4) hose size \_\_\_\_\_ inches
- 5) hose length \_\_\_\_\_ feet

#### 5. Dam Information:

- a) height to crest \_\_\_\_\_ feet
- b) height to primary spillway \_\_\_\_\_ feet
- c) height to secondary spillway \_\_\_\_\_ feet
- d) crest width \_\_\_\_\_ feet
- e) crest length \_\_\_\_\_ feet
- f) spillway length \_\_\_\_\_ feet
- g) spillway width \_\_\_\_\_ feet
- h) approx. storage \_\_\_\_\_ ac-ft
- i) approx. storage to crest \_\_\_\_\_ ac-ft
- j) date constructed \_\_\_\_\_

##### k) outlet tubes:

- 1) diameter \_\_\_\_\_ inches
- 2) type \_\_\_\_\_
- 3) valved \_\_\_\_\_ (Y/N)
- 4) valve type \_\_\_\_\_
- 5) location on structure \_\_\_\_\_

l) category of dam \_\_\_\_\_ (I,II,III)

m) inspection sheet completed \_\_\_\_\_ (Y/N)

n) name of contractor \_\_\_\_\_

#### 6. Chemigation Equipment:

- b) main line check valve \_\_\_\_\_ (Y/N)
- d) low pressure drain \_\_\_\_\_ (Y/N)
- f) interlock type \_\_\_\_\_

a) does chemigate \_\_\_\_\_ (Y/N)

c) inspection port/air relief \_\_\_\_\_ (Y/N)

e) discharge is 20' from source \_\_\_\_\_ (Y/N)

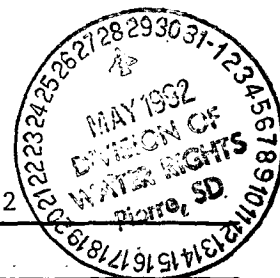
g) injection pump type \_\_\_\_\_ h) injection check valve \_\_\_\_\_ (Y/N)

i) injection line check valve or positive displacement pump \_\_\_\_\_ (Y/N)

j) all chemigation equipment appears to be installed in proper position and comply with chemigation laws and rules \_\_\_\_\_ (Y/N)

k) comments :

## CHECK LIST FOR FIELD INSPECTION

Permit Number 5152-3Date 4/28/92

Other permit(s) associated with the project \_\_\_\_\_

NOTE: For Permits with additional wells or changes in well locations, record the following for each well: pumping capacity, date constructed, well driller and if a well log is available.

1. Diversion point legal location: EAST HALF OF NORTHEAST QUARTER (E $\frac{1}{2}$  NE $\frac{1}{4}$ ) OF SECTION 29  
TOWNSHIP 104 NORTH, RANGE 49 WEST OF FIFTH PRINCIPLE MERIDIAN.

2. Well Information: Well Drilling Firm Sioux Well Drilling

No. of Wells 3 Depth(s) 53 feet (6J)

a) Casing 1) diameter 12 inches b) Screen 1) type Stainless Steel

2) length 36.5 feet 2) length 14 feet

3) type Steel c) Pump 1) make Jacuzzi

d) Static Water Level 30.25 14'7" feet 2) model 8LC

e) Motor: (6J) 3) size 7 7/8 inches

1) make Hitachi 4) capacity 300 \* GPM

2) model No. \_\_\_\_\_ 5) turbine pump - No. of stages 2

3) horsepower rating 7.5 hp 6) operating pressure 18 PSI

3. Distribution lines or canals:

a) type \_\_\_\_\_ b) size \_\_\_\_\_ c) length \_\_\_\_\_

4. System Type:

a) Sideroll:

1) length \_\_\_\_\_ feet

2) diameter of pipe \_\_\_\_\_ inches

3) sprinkler spacing \_\_\_\_\_ feet

b) Towline:

1) length \_\_\_\_\_ feet

2) sprinkler spacing \_\_\_\_\_ feet

\* valved down to pump 200 gpm

#### 4. System Type (continued):

##### c) Siphons:

- 1) size \_\_\_\_\_ inches
- 2) number \_\_\_\_\_

##### e) Center pivot:

- 1) make \_\_\_\_\_
- 2) overall length \_\_\_\_\_ feet
- 3) number of towers \_\_\_\_\_
- 4) distance between towers \_\_\_\_\_ feet
- 5) end gun \_\_\_\_\_ (Y/N)
- 6) high or low pressure \_\_\_\_\_
- 7) capacity \_\_\_\_\_ GPM

##### d) Gated pipe:

- 1) length \_\_\_\_\_ feet
- 2) diameter \_\_\_\_\_ inches
- 3) spacing of gates \_\_\_\_\_ inches

##### f) Gun:

- 1) make \_\_\_\_\_
- 2) nozzle size \_\_\_\_\_ inches
- 3) capacity \_\_\_\_\_ GPM
- 4) hose size \_\_\_\_\_ inches
- 5) hose length \_\_\_\_\_ feet

#### 5. Dam Information:

- a) height to crest \_\_\_\_\_ feet
- b) height to primary spillway \_\_\_\_\_ feet
- c) height to secondary spillway \_\_\_\_\_ feet
- d) crest width \_\_\_\_\_ feet
- e) crest length \_\_\_\_\_ feet
- f) spillway length \_\_\_\_\_ feet
- g) spillway width \_\_\_\_\_ feet
- h) approx. storage \_\_\_\_\_ ac-ft
- i) approx. storage to crest \_\_\_\_\_ ac-ft
- j) date constructed \_\_\_\_\_

##### k) outlet tubes:

- 1) diameter \_\_\_\_\_ inches
- 2) type \_\_\_\_\_
- 3) valved \_\_\_\_\_ (Y/N)
- 4) valve type \_\_\_\_\_
- 5) location on structure \_\_\_\_\_

l) category of dam \_\_\_\_\_ (I,II,III)

m) inspection sheet completed \_\_\_\_\_ (Y/N)

n) name of contractor \_\_\_\_\_

#### 6. Chemigation Equipment:

- b) main line check valve \_\_\_\_\_ (Y/N)
- d) low pressure drain \_\_\_\_\_ (Y/N)
- f) interlock type \_\_\_\_\_

a) does chemigate \_\_\_\_\_ (Y/N)

c) inspection port/air relief \_\_\_\_\_ (Y/N)

e) discharge is 20' from source \_\_\_\_\_ (Y/N)

g) injection pump type \_\_\_\_\_ h) injection check valve \_\_\_\_\_ (Y/N)

i) injection line check valve or positive displacement pump \_\_\_\_\_ (Y/N)

j) all chemigation equipment appears to be installed in proper position and comply with chemigation laws and rules \_\_\_\_\_ (Y/N)

k) comments :

Permit Number 5152-3 Date 4/28/92  
Other permit(s) associated with the project

1. **Diversion point legal location:** EAST HALF OF NORTHEAST QUARTER (E $\frac{1}{2}$  NE $\frac{1}{4}$ ) OF SECTION 29  
TOWNSHIP 104 NORTH, RANGE 49 WEST OF FIFTH PRINCIPLE MERIDIAN.

6) operating pressure 18 PSI

a) type \_\_\_\_\_ b) size \_\_\_\_\_ c) length \_\_\_\_\_

**3) sprinkler spacing**                      **feet**

#### 4. System Type (continued):

##### c) Siphons:

- 1) size \_\_\_\_\_ inches
- 2) number \_\_\_\_\_

##### e) Center pivot:

- 1) make \_\_\_\_\_
- 2) overall length \_\_\_\_\_ feet
- 3) number of towers \_\_\_\_\_
- 4) distance between towers \_\_\_\_\_ feet
- 5) end gun \_\_\_\_\_ (Y/N)
- 6) high or low pressure \_\_\_\_\_
- 7) capacity \_\_\_\_\_ GPM

##### d) Gated pipe:

- 1) length \_\_\_\_\_ feet
- 2) diameter \_\_\_\_\_ inches
- 3) spacing of gates \_\_\_\_\_ inches

##### f) Gun:

- 1) make \_\_\_\_\_
- 2) nozzle size \_\_\_\_\_ inches
- 3) capacity \_\_\_\_\_ GPM
- 4) hose size \_\_\_\_\_ inches
- 5) hose length \_\_\_\_\_ feet

#### 5. Dam Information:

- a) height to crest \_\_\_\_\_ feet
- b) height to primary spillway \_\_\_\_\_ feet
- c) height to secondary spillway \_\_\_\_\_ feet
- d) crest width \_\_\_\_\_ feet
- e) crest length \_\_\_\_\_ feet
- f) spillway length \_\_\_\_\_ feet
- g) spillway width \_\_\_\_\_ feet
- h) approx. storage \_\_\_\_\_ ac-ft
- i) approx. storage to crest \_\_\_\_\_ ac-ft
- j) date constructed \_\_\_\_\_

##### k) outlet tubes:

- 1) diameter \_\_\_\_\_ inches
- 2) type \_\_\_\_\_
- 3) valved \_\_\_\_\_ (Y/N)
- 4) valve type \_\_\_\_\_
- 5) location on structure \_\_\_\_\_

l) category of dam \_\_\_\_\_ (I,II,III)

m) inspection sheet completed \_\_\_\_\_ (Y/N)

n) name of contractor \_\_\_\_\_

#### 6. Chemigation Equipment:

- b) main line check valve \_\_\_\_\_ (Y/N)
- d) low pressure drain \_\_\_\_\_ (Y/N)
- f) interlock type \_\_\_\_\_

a) does chemigate \_\_\_\_\_ (Y/N)

c) inspection port/air relief \_\_\_\_\_ (Y/N)

e) discharge is 20' from source \_\_\_\_\_ (Y/N)

g) injection pump type \_\_\_\_\_

h) injection check valve \_\_\_\_\_ (Y/N)

i) injection line check valve or positive displacement pump \_\_\_\_\_ (Y/N)

j) all chemigation equipment appears to be installed in proper position and comply with chemigation laws and rules \_\_\_\_\_ (Y/N)

k) comments :

## CHECK LIST FOR FIELD INSPECTION

Permit Number 5468-3Date 4/28/92

Other permit(s) associated with the project \_\_\_\_\_

NOTE: For Permits with additional wells or changes in well locations, record the following for each well: pumping capacity, date constructed, well driller and if a well log is available.

1. Diversion point legal location: EAST HALF OF NORTHEAST QUARTER (E $\frac{1}{2}$  NE $\frac{1}{4}$ ) OF SECTION 29  
TOWNSHIP 104 NORTH, RANGE 49 WEST OF FIFTH PRINCIPLE MERIDIAN.

2. Well Information: Well Drilling Firm Sioux Well Drilling

No. of Wells 1 Depth(s) ~~54.91~~ feet 48' (GJ)

a) Casing 1) diameter 12 inches b) Screen 1) type Stainless Steel

2) length ~~31.3~~ 33 feet

2) length 15 feet

3) type Steel

c) Pump 1) make Jacuzzi

d) Static Water Level ~~29.58~~ 19' 8" (GJ) feet

2) model 6WC

e) Motor:

3) size 5 9/16 inches

1) make Franklin

4) capacity 300\* GPM

2) model No. Super 6

5) turbine pump - No. of stages 2

3) horsepower rating 10

6) operating pressure 18 PSI

3. Distribution lines or canals:

a) type \_\_\_\_\_ b) size \_\_\_\_\_ c) length \_\_\_\_\_

4. System Type:

a) Sideroll:

b) Towline:

1) length \_\_\_\_\_ feet

1) length \_\_\_\_\_ feet

2) diameter of pipe \_\_\_\_\_ inches

2) sprinkler spacing \_\_\_\_\_ feet

3) sprinkler spacing \_\_\_\_\_ feet

#### 4. System Type (continued):

##### c) Siphons:

- 1) size \_\_\_\_\_ inches
- 2) number \_\_\_\_\_

##### e) Center pivot:

- 1) make \_\_\_\_\_
- 2) overall length \_\_\_\_\_ feet
- 3) number of towers \_\_\_\_\_
- 4) distance between towers \_\_\_\_\_ feet
- 5) end gun \_\_\_\_\_ (Y/N)
- 6) high or low pressure \_\_\_\_\_
- 7) capacity \_\_\_\_\_ GPM

##### d) Gated pipe:

- 1) length \_\_\_\_\_ feet
- 2) diameter \_\_\_\_\_ inches
- 3) spacing of gates \_\_\_\_\_ inches

##### f) Gun:

- 1) make \_\_\_\_\_
- 2) nozzle size \_\_\_\_\_ inches
- 3) capacity \_\_\_\_\_ GPM
- 4) hose size \_\_\_\_\_ inches
- 5) hose length \_\_\_\_\_ feet

#### 5. Dam Information:

- a) height to crest \_\_\_\_\_ feet
- b) height to primary spillway \_\_\_\_\_ feet
- c) height to secondary spillway \_\_\_\_\_ feet
- d) crest width \_\_\_\_\_ feet
- e) crest length \_\_\_\_\_ feet
- f) spillway length \_\_\_\_\_ feet
- g) spillway width \_\_\_\_\_ feet
- h) approx. storage \_\_\_\_\_ ac-ft
- i) approx. storage to crest \_\_\_\_\_ ac-ft
- j) date constructed \_\_\_\_\_

##### k) outlet tubes:

- 1) diameter \_\_\_\_\_ inches
- 2) type \_\_\_\_\_
- 3) valved \_\_\_\_\_ (Y/N)
- 4) valve type \_\_\_\_\_
- 5) location on structure \_\_\_\_\_

l) category of dam \_\_\_\_\_ (I,II,III)

m) inspection sheet completed \_\_\_\_\_ (Y/N)

n) name of contractor \_\_\_\_\_

#### 6. Chemigation Equipment:

- b) main line check valve \_\_\_\_\_ (Y/N)
- d) low pressure drain \_\_\_\_\_ (Y/N)
- f) interlock type \_\_\_\_\_

a) does chemigate \_\_\_\_\_ (Y/N)

c) inspection port/air relief \_\_\_\_\_ (Y/N)

e) discharge is 20' from source \_\_\_\_\_ (Y/N)

g) injection pump type \_\_\_\_\_

h) injection check valve \_\_\_\_\_ (Y/N)

i) injection line check valve or positive displacement pump \_\_\_\_\_ (Y/N)

j) all chemigation equipment appears to be installed in proper position and comply with chemigation laws and rules \_\_\_\_\_ (Y/N)

k) comments :

Permit No. 5468-3

Big Sioux 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

Minnehaha Community Water Corp. of RR2, Box 26A, Dell Rapids, SD 57022 holder of Permit No. 5468-3 (incorporates Nos. 4838-3 and 5152-3) all bearing the priority of October 19, 1981 authorizing the diversion of 0.55 (5468-3), 1.0 (4838-3), 2.0 (5152-3) cu. ft. per second of the waters of Big Sioux - Sioux Falls Aquifer for rural water system supply purposes, in Minnehaha and Moody County.

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

A. Works used to divert the water:

Five Wells - Wells are 44 to 61 feet deep; all have 12" steel casing varying in length from 30 to 44 feet. All wells have stainless steel screen varying in length from 12 to 18 feet. Well No. 6 has a Grundfos pump, Model No. SP45-3, 2 stages, 6", 250 GPM @ 18 PSI with Hitachi motor, Model No. unknown, 7.5 HP. Wells no. 7 to 9 have Jacuzzi pumps, Model No. 8LC (except No. 10 is 6WC), all 7-7/8", except No. 10 is 5-9/16", 2 stages, each capable of 300 GPM @ 18 PSI (except No. 10 is 250 GPM @ 18 PSI); Nos. 7 to 9 have Hitachi Motors, Model Nos. unknown, all 7.5 HP, No. 10 has Franklin Motor, Model Super 6, 10 HP

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

2488' of 10" and 1546' of 12" PVC pipe

C. Works used to apply water to beneficial use:

Rural water supply system

The system is in the following condition excellent. The points of diversion are located No. 6 is 1281'W and 1734'S; No. 7 is 1229'W and 2036'S; No. 8 is 1206'W and 2337'S; No. 9 is 905'W and 2420'S and No. 10 is 943'W and 2036'S; all from the NE corner of Section 29-T104N-R49W. The works are capable of diverting and conveying to the place of use 3.10 (0.55 cfs from 4838-3, 2.0 cfs from 5152-3 and 0.55 from 5468-3) cu. ft. per second of water which is to be used for rural water supply system. Water has been put to beneficial

use. The license should be issued for 0.55 cfs (4838-3), 2.0 cfs (5152-3) and 0.55 cfs (5468-3) or 3.10 total cfs.

Applicable permit qualifications have been complied with ☒ Yes ☐ No

Exceptions to compliance are: None Date 12/30/92

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

REPORT ON INSPECTION OF PERMIT NUMBER 5468-3

DATE 12/23/92

Other permit(s) associated with the project 2311-3, 4838-3 and 5152-3

DIVERSION POINT LEGAL LOCATION: 5 wells (see License Map) - No. 6 (Permit No. 4838-3) is 1281'W and 1734'S, No. 7 (Wells No. 7,8 and 9 Permit No. 5152-3) is 1229'W and 2036'S, No. 8 is 1206'W and 2337'S, No. 9 is 905'W and 2420'S, No. 10 (Permit No. 5468-3) is 943'W and 2036'S; all from the NE corner of Section 29-T104N-R49W.

WELL INFORMATION: Well Drilling Firm Nos. 6 to 10 - Sioux Well Drilling

No. of Wells 5 Depth(s) 60/61/53/44/48 feet

a) Casing: 1) diameter All are 12"

2) length 30 to 44 feet

3) type all steel

b) Screen: 1) type all Stainless Steel

2) length 12 to 18 feet

c) Pump 1) make No. 6 -Grundfos, Nos. 7 to 10 - Jacuzzi

2) model Grundfos is SP45-3; Jacuzzi is 8LC, except No. 10 is 6WC

3) size Grundfos is 6; Jacuzzi is 7-7/8, except No. 10 is 5-9/16 inches

4) capacity 6 and 10 are 250 GPM each/ 7 to 9 are 300 GPM each

5) turbine pump - No. of stages all 2

6) operating pressure all 18 PSI

d) Motor: 1) make 6 to 9 are Hitachi; 10 is Franklin

2) model No. No. 6 is same as Pump Model; 7 to 9 are unknown, 10 is Super 6

3) horsepower rating 6 to 9 are 7.5, 10 is 10 hp

e) Static Water Level varies from 12 to 30 feet

DISTRIBUTION LINES OR CANALS:

a) type All PVC b) size 10/12 inches

c) length 2488/1546 feet

System Type:

a) Rural water supply system

CHEMIGATION EQUIPMENT:

a) does chemigate N (Y/N)

PERMIT QUALIFICATIONS AND REGULATIONS:

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

b) Special qualifications to permit being abided by Y (Y/N)

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

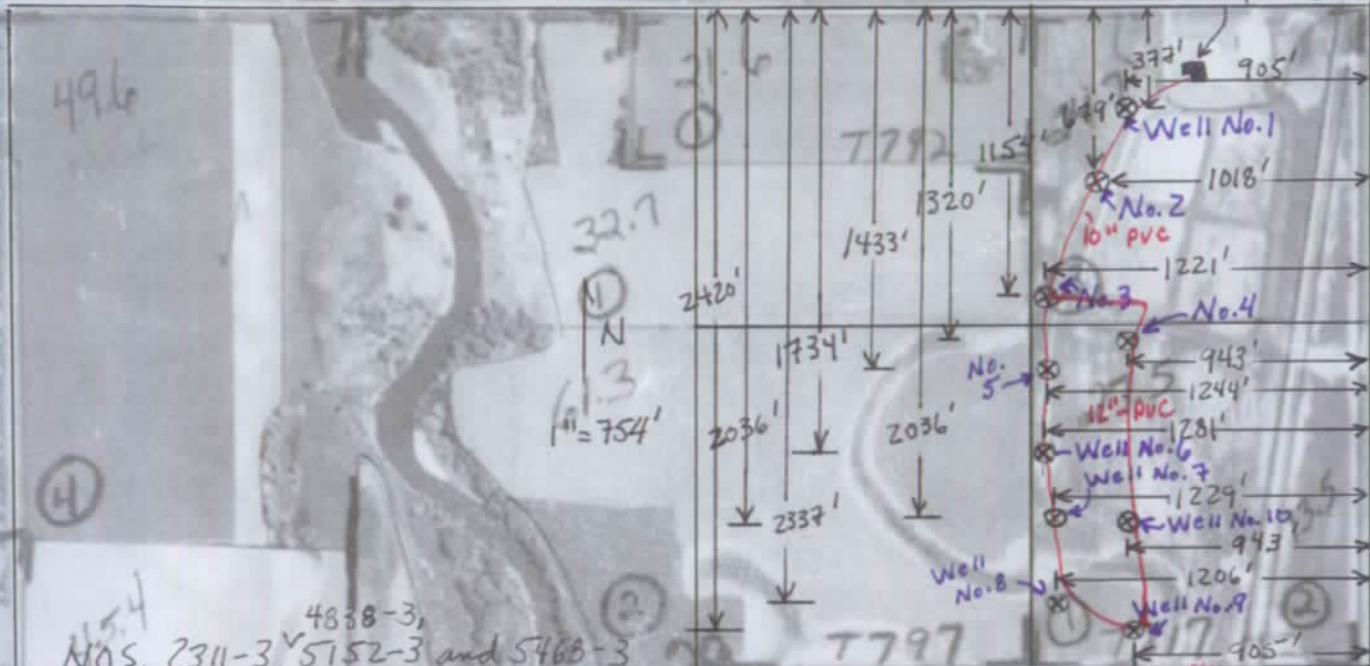
d) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period N/A (Y/N)

Permit No. 4838-3 appropriates 1 cfs from well No. 6 and 6.0 cfs for Future Use by Minnehaha Community Water Corp. Permit No. 5152-3 appropriates 2 cfs from water reserved under Future Use Permit No. 4838-3 from wells no. 7, 8 and 9. Permit No. 5468-3 appropriates 0.55 cfs from water reserved under Future Use Permit No. 4838-3 from well No. 10. All Permits have a priority date of October 19, 1981 and are incorporated into Water License No. 5468-3.

# NOT TO SCALE

93-R

Treatment facility + Office



4838-3,  
Nos. 2311-3, 5152-3 and 5468-3

MINNEHAHA COMMUNITY  
WATER CORPORATION

Drawn by: Gregory C. Johnston

Gregory C. Johnston  
Natural Resources Engineer II

Water Rights Division  
DNR

12/30/92  
38.8

T899

Wells No. 1 to 5 - 2311-3  
Well No. 6 - 4838-3  
Wells No. 7 to 9 - 5152-3  
Well No. 10 - 5468-3

135.9

38.1

15.5

2

T-9896

5468-3

## FILE DOCUMENTATION

NAME: Jim Zeck -- Minnehaha Community Water System  
SUBJECT: Annual Water Use Reporting for Permit No. 5468-3  
DATE: February 5, 1993

According to Jim Zeck, the quality of the water diverted from wells authorized by Water Permit No. 5468-3 allows flow meters to function for no longer than a month to a month and one half. Mr. Zeck wanted to know if it was acceptable to install an hour meter for purposes of monitoring the amount of water diverted from the wells authorized by No. 5468-3. I told Mr. Zeck that if flow meters could not be used then hour meters would have to do. The exact amount of water diverted will need to be based on an average pump rate since diversion rates will vary with aquifer conditions. The hours pumped are not available for 1992, but a meter will be installed within the next few days to begin monitoring for 1993.

A handwritten signature in black ink, appearing to read 'Ron Duvall', written over a horizontal line.

Ron Duvall, Natural Resources Engineer



**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

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

August 9, 1993

2311-3

5468-3

Minnehaha Community Water corp.  
RR 2, Box 26A  
Dell Rapids, SD 57022

Dear Sirs:

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 Nos. 2311-3 and 5468-3, has been completed. Your final water right document, the Water Licenses, can now be issued.

Statutes require that we charge a \$50.00 fee per license for the inspection and issuance of the Water Licenses. Upon receipt of the \$100.00 fee from you, we will begin processing your Water Licenses.

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

413864

## Division of Water Rights

### South Dakota Department of Environment and Natural Resources

Pierre, August 18, 19 93

RECEIVED OF Minnehaha Community Water Corp., RR 2 Box 26A, Dell Rapids, SD 57022

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>5468-3</u>          | 50           | 00    |
| Fee for Filing Transfer Form _____                                                                                   |              |       |
| Fee for Filing Extension Request _____                                                                               |              |       |
| Fee for _____                                                                                                        |              |       |
| _____                                                                                                                |              |       |
| _____                                                                                                                |              |       |
| (Any Other Work Provided by Law)                                                                                     | <b>Total</b> | 50 00 |

By John Hatch  
Chief Engineer

# STATE OF SOUTH DAKOTA

## WATER LICENSE NO. 5468-3

(1) Minnehaha Community Water Corporation, 47381 248<sup>th</sup> St., Dell Rapids SD 57022 made Application No. 5468-3, August 16, 1990 for a water permit to divert 0.55 cubic feet of water per second (cfs), with up to 240 acre-feet annually, from groundwater (Well #10), Minnehaha County, South Dakota for rural water system purposes. Permit No. 5468-3, with a priority date of October 19, 1981 (established by Future Use Permit No. 4838A-3) was approved December 5, 1990 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before December 5, 1995 and for the application to beneficial use of said water on or before December 5, 1999.

Other permits associated with this water system:

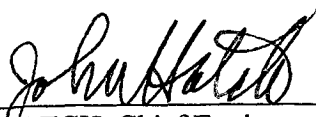
- Water Permit No. 4838-3 authorizes 1.0 cfs from Well #6 with 0.55 cfs developed;
- Water Permit No. 5152-3 authorizes 2.0 cfs from Wells #7, 8 & 9 with 2.0 cfs developed.

The applicable portions of Water Permit Nos. 4838-3 and 5152-3 have been incorporated into this Water License No. 5468-3. The future use portion of No. 4838-3 (6.0 cfs) has been transferred to Permit No. 4838A-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 3.1 cubic feet of water per second for beneficial use. The location of the diversion points are as follows: Well #6 - 1,281 feet west and 1,734 feet south; Well #7 - 1,229 feet west and 2,036 feet south; Well #8 - 1,206 feet west and 2,337 feet south; Well #9 - 905 feet west and 2,420 feet south; Well #10 - 943 feet west and 2,036 feet south; all from the northeast corner of Section 29-T104N-R49W (SE 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. In addition to rural water system users, communities served by the system are Dell Rapids, Baltic, Crooks, Hartford, Humboldt, Lyons, Renner, Rowena and Sherman.

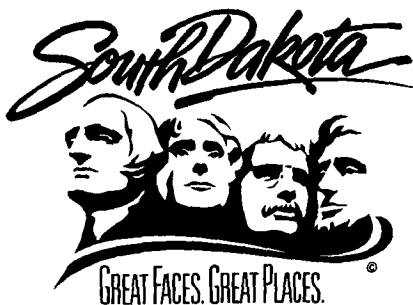
(4) Pursuant to South Dakota Water Law 46-5-30.1 Minnehaha Community Water Corp., 47381 248<sup>th</sup> St., Dell Rapids SD 57022 the holder and/or owner of Incorporated Water Permit No. 5468-3 is issued a license to appropriate water, the right to use 3.1 cubic feet of water per second, with up to 2,086 acre-feet annually (1,846 acre-feet from Wells #6, 7, 8 & 9, and 240 acre-feet from Well #10), from groundwater (5 wells) with a priority date of October 19, 1981 (established by Future Use Permit No. 4838A-3) from the locations specified in (2) of this license for the purpose of rural water system use. This license is subject to any limitations or qualifications listed in Incorporated Water Permit No. 5468-3 and subject to South Dakota State Law.

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

SEP 4 1998

date





**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

JOE FOSS BUILDING  
523 EAST CAPITOL  
PIERRE, SOUTH DAKOTA 57501-3181  
[www.state.sd.us/denr](http://www.state.sd.us/denr)

SEP 4 1998

5468-3

John Buss  
Minnehaha Community Water Corp.  
47381 248<sup>th</sup> St.  
Dell Rapids, SD 57022

Dear Mr. Buss:

Enclosed is Water License No. 5468-3. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 431864 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. 5468-3, 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 Program  
(605) 773-3352

ks  
enclosures

**NOTE: The applicable portions of Water Permit Nos. 4838-3 and 5152-3 have been incorporated into this Water License No. 5468-3.**



5468-3  
**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

PMB 2020  
JOE FOSS BUILDING  
523 EAST CAPITOL  
PIERRE, SOUTH DAKOTA 57501-3182  
[www.state.sd.us/denr](http://www.state.sd.us/denr)

APR 01 2005

6164-3 &  
6455-3

Minnehaha Community Water Corporation  
47381 248<sup>th</sup> ST  
Dell Rapids SD 57022

Dear Sir:

Enclosed are Water License Nos. 6164-3 & 6455-3. This is the final water right document completing your process of obtaining a Water Right.

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

Sincerely,

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

NOTE: The applicable portions of Nos. 2311-3, 5468-3 and 5805-3 are incorporated into Water License No. 6164-3.

enclosures