

WATER PERMIT NO. 6654-3

Name of Applicant: Grant-Roberts Rural Water

Address: PO Box 145, Milbank SD 57252 Phone: 605 432-6793

Amount of Water Claimed: 0.89 cfs Total Acres: NA

Source of Water Supply: groundwater (3 wells)

Water to be used for: rural water system sue County: Codington

Type of Waste Disposal System:

Location: 1 mile north of South Shore

PRIORITY Date Received: 8-30-05 Application/License Fee: \$100

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

Remarks: Requests an add'l 0.89 cfs and 3 add'l wells with no increase in the annual volume authorized by Water Right No. 5576A-3

Diversion Point: SE ¼ NE ¼ Sec 10-T119N-R51W

Land to be Irrigated:

Depth of Well: 140 feet deep

Well Driller:

Remarks:

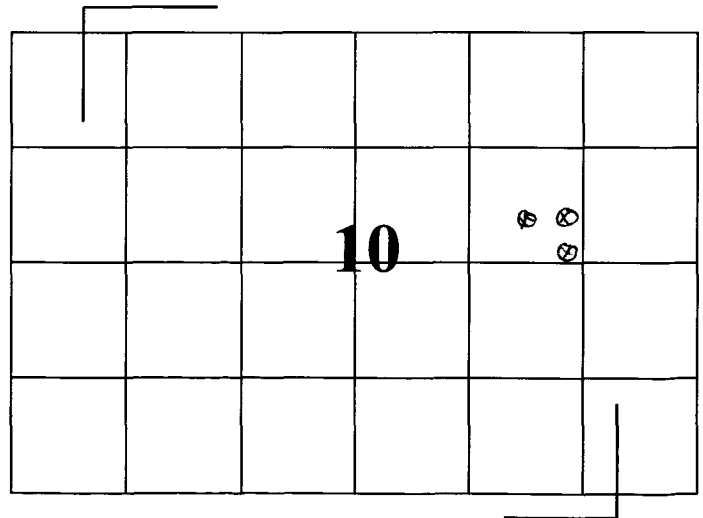
Type of Map: plat

Prepared by: Roger Hagen, PE

Reviewed and the Number Assigned on: 9-1-05

By: Karen Schlaak

Notice of Hearing - date to intervene: _____



FORM 2: Application for uses other than irrigation
(type or print)

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>6654-3</u> (office use only) Hydrologic Unit <u>07020001</u>
	Basin <u>Minnesota - Whetstone</u>
	Newspaper _____

RECEIVED
AUG 30 2005
WATER RIGHTS
PROGRAM

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

Check use(s) of water:

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

Type of Application: (check one)

☐ New	☐ Vested Right (Use predates Mar 2, 1955)	☐ Future Use Reservation
☐ Place to Beneficial Use Water Reserved by Future Use Permit No. _____		
☒ Amendment/Correction to Permit No. <u>5576A-3</u>		

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

Adding three additional diversion points

- Name of Applicant Grant-Roberts Rural Water Phone 605-432-6793
(check one) ☐ Owner ☐ Tenant/lessee
Mailing Address PO Box 145, Milbank State SD 57252
(Street, RR, or Box and City) (Zip Code)
- Amount of water claimed 0.89 *CFS or 400 **GPM ***AF
(*Cubic Feet per Second) (**Gallons per Minute) (**Acre Feet - storage capacity of dam/dugout or annual use if applicable)
- Source of water supply Ground water
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County Codington
South 490 ft of the East 771 ft of the NE1/4-10-119N-51W
(SE1/4 NE1/4)
- County or counties where water will be used Codington, Grant, Roberts & Deuel
- Annual period during which water is to be used January thru December
- Give a description of the project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)
insall three new wells to use as alternates or backup to the
exsisting 3 wells

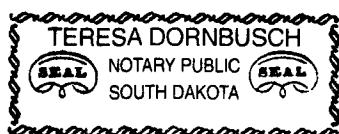
STATE OF SOUTH DAKOTA)
County of Grant SS

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

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

Applicant's signature Wendy Storm

Subscribed and sworn to before me this 29th day of August 20 05



Teresa Dornbusch
Notary Public signature

Commission Expires: 02/12/2009

**SOUTH DAKOTA
WATER PERMIT NO. 6654-3**

Date of first receipt of application August 30, 2005.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6654-3 to Grant-Roberts Rural Water, PO Box 145, Milbank SD 57252 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. 6654-3 increases the diversion rate authorized by Water Right No. 5576-3. Water Right No. 5576-3 authorizes 2.67 cubic feet of water per second (cfs) from three wells located in the NE ¼ SE ¼ Section 10-T119N-R51W. This permit appropriates an additional 0.89 cfs from three additional wells located in the SE ¼ NE ¼ Section 10-T119N-R51W. The water source for these rural water system wells is the Antelope Valley Aquifer. This permit does not increase in the annual withdrawal limitation of 1,074 acre-feet authorized by Water Permit No. 5576A-3.
2. The water appropriated shall be used for the purpose of rural water system use and may not exceed the amount of water needed for beneficial use.
3. The water is to be used during the following described annual period: January 1 – December 31.
4. The date of approval of Permit No. 6654-3 is November 14, 2005.
5. The date from which applicant may claim right is August 30, 2005 (increased diversion rate authority).
6. One-fifth of the construction is to be completed on or before May 14, 2008.
7. All construction is to be completed on or before November 14, 2010.
8. Water is to be put to beneficial use on or before November 14, 2014.
9. 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 wells approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The wells authorized by Permit No. 6654-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. Water Right No. 5576-3 and Water Permit Nos. 5576A-3 and 6654-3, combined, authorize a total annual withdrawal of 1,074 acre feet of water.
4. That Grant-Roberts Rural Water report annually to the Chief Engineer the amount of water withdrawn each year.

WATER MANAGEMENT BOARD

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

JAN 26 2006
date



(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 16" Depth 140ft.
- b) Casing Type steel Diameter 10" Thickness .0375
- c) Screen Type Chromium, Nickel, & Steel Diameter 10" Thickness 25 slot size
- d) Gravel Pack determined by the engineer & contractor Length of Gravel Pack 120'
- e) Depth to Top of Water Bearing Material 110ft
- f) Depth to Water (ground surface to water level) 85ft
- g) Distance to nearest existing domestic well:
- On applicants property 560ft On property owned by others approximately 3/4 mile

2. Wastewater Disposal System Information

- a) Type of System (i.e. septic tank, drain field) _____
- b) System Capacity (gallons) _____ Year Constructed _____
- c) Connected to the City of _____ Sanitary System

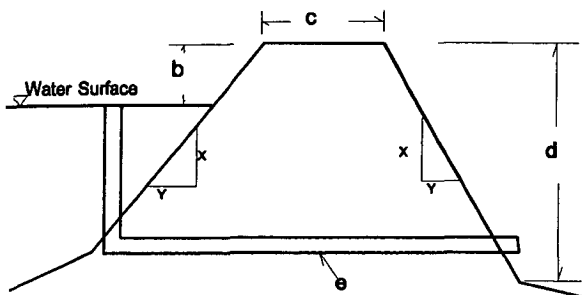
3. Dugout Information

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

4. Water Storage Dams

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

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



- b) Freeboard _____
- c) Crest Width _____
Crest Length _____
- d) Height _____
- e) Primary Outlet Capacity _____
If pipe, diameter _____
- f) Secondary Spillway Capacity _____
Spillway Width _____
- g) X & Y Slope _____
Upstream _____
Downstream _____
- h) Surface Area of Impoundment _____
- i) Storage _____ Acre Feet
- j) Drainage Area Above Dam _____ Acres

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date AUGUST 31, 20 05

RECEIVED OF Grant Roberts Rural Water System Inc., 1209 South Dakota St, Milbank SD 57252

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

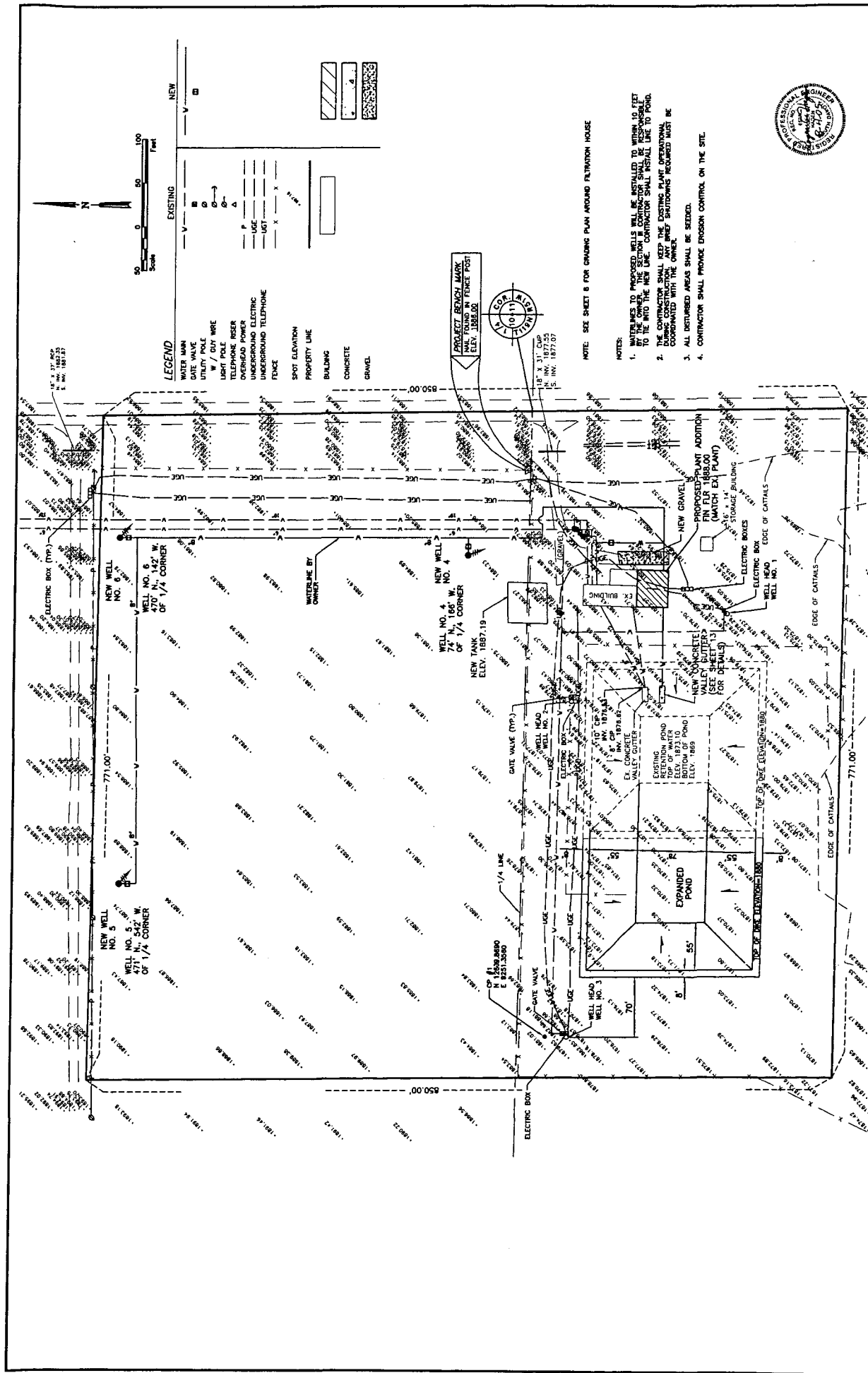
Fee for Application for Permit No. <u>6654-3</u> to Appropriate Water, to construct and to put water to beneficial use	50	00
Fee for Application for Permit No. _____ to Appropriate Water for Future use		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. <u>6654-3</u>	50	00
Fee for Filing Transfer Form _____		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	100.00

No.

001943

By

Darland Ebele
Chief Engineer *gm*



HOUSTON ENGINEERING, Inc. 2505 NORTH UNIVERSITY DRIVE TEL: (701) 237-5085 FARGO, NORTH DAKOTA 58102 FAX: (701) 237-8301		Drawn by SMH, JMH	Date 8-4-05	Scale AS SHOWN	Reservoirs & Treatment Plant Expansion GRANT-ROBERTS RURAL WATER SYSTEM, INC. MILBANK, SOUTH DAKOTA	SHEET SITE PLAN "A" PROJECT NO. 1830-004 7 of 14
1. ADD QUARTER CORNER AND QUARTER LINE No. Revision	RCH	By	Date			



Houston Engineering, Inc.

2505 N. University Dr., Box 5054 ■ Fargo, ND 58105-5054 ■ Ph: 701-237-5065 ■ Fax: 701-237-5101

August 16, 2004

Grant-Roberts Rural Water System, Inc.
PO Box 145
Milbank, SD 56252

**Subject: System Capacity and Proposed Expansion
HE Project No. 1830.004**

This letter report is to be used as a simplified method of presenting the growth your system has had, its present water supply, treatment and storage capacity, as well as the proposed improvements and estimated costs thereof.

Number of Customers:

The initial construction of the system was completed in the very early 1980's and serviced approximately 900 consumers. Over the last 20 plus years, the system has continued to grow and in May of 2004 had 1575 members. Small cities have been added such as Nassau, MN, Marietta, MN and most recently, the city of Wilmont with a population of 566 people and water usage of over 2 million gallons per month.

It has been indicated to us that an additional 250 or more new hookups may be requested, many of which are on or near Big Stone Lake.

Water Consumption:

Records indication that monthly usage ranged as follows in the last few years:

<u>Year</u>	<u>High Month</u>	<u>Low Month</u>	<u>Average</u>
2001	22,781,000	15,261,000	18,004,000
2002	23,376,000	14,923,000	18,668,000
2003	24,422,000	17,509,000	20,898,000
2004	26,000,000	17,738,000	22,000,000

The city of Wilmont started using water in the fall of 2003. They average over 2.0 million gallons per month.

Minneapolis Office ■ 10900 73rd Ave. N., Suite 106 ■ Maple Grove, MN 55369-5400 ■ Ph: 763-493-4522 ■ Fax: 763-493-5572
Bismarck Office ■ 304 East Rosser Avenue, Suite 220 ■ Bismarck, ND 58501-4012 ■ Ph: 701-323-0200 ■ Fax: 701-323-0300

Equal Opportunity Employer

www.houstonengineeringinc.com

Assuming an additional 250 new hookups in the near future at an average of 6,000-10,000 gallons per month, an additional 1.5 – 2.5 million gallons per month will be required. Therefore, a future water consumption of 30,000,000 gallons in a peak month is conceivable.

With a 1.5 peaking factor for maximum day, a maximum day could be in the 1,500,000 gallon range as a peak flow day.

Existing Well and Treatment Capacity:

The original system as was designed and constructed, consisted of the following:

Wells	3 each @ 400 gpm	1,200 gpm
Filters	3 – 11' diameter filters (95 sq. ft. ea.)	total surface area of 285 sq. ft.
Filter Loading	800 gpm on 285 s.f. = 2.8 gpm/s.f.	(2 wells at a time – rest 1 well)

Plant Output:

12 hrs.	800 gpm x 60 min./hr x 12 hr.	576,000 gallons per day
16 hrs.	800 gpm x 60 min./hr x 16 hr.	768,000 gallons per day
24 hrs.	800 gpm x 60 min./hr x 24 hr.	1,152,00 gallons per day

Wells and treatment plants are not to run 24 hours per day! Average day should require approximately 12 hrs. of run time and peak or maximum daily up to 18 hrs. of run time.

At the present time, even the lowest usage months are approximately 18,000,000 gal/mo with an average day of 670,000 gal/day requiring the plant to run approximately 13 hrs. Recently the plant ran almost continuously (22-23 hrs.).

Management has attempted to increase the flow through the filters (all three wells – flow 1,200 gpm – rate 4.2 gal/s.f.). The chemicals were adjusted proportionately, but the filters started to pass off colored (light brown) water indicating incomplete treatment. Overloading the filters beyond design criteria is not the answer.

Proposed Well and Treatment Capacity:

With an anticipated peak day of 1,500,000 gallons and wells with a flow rate of 400 gpm, it is proposed that three new wells be drilled and the treatment plant be expanded to add an additional three filters – thus doubling the water supply and treatment capacity. This expanded supply and treatment would allow four wells to run and two to rest (original two run, one rest).

At a treatment capacity of 1,600 gpm, the lowest usage day of 600,000 gallon could be processed in approximately 6 to 7 hours. With the addition of 250 new customers with a low demand of 1.5 to 2.0 million gal/mo, the filters could run a minimum of 7 to 8 hours.

In a peak month of an anticipated 30,000,000 with an average of 1,000,000 gal/day, the plant would run approximately 10-11 hours on the average.

On the anticipated peak day of 1,500,000 gallons, the plant would run approximately 16 hours.

The proposed expansion would allow for even more future expansion of the system, as well as increased usage of the existing customers.

Existing Storage:

The original system was designed and constructed in the early 1980's with FmHA funding. The system storage requirements via the funding agency required approximately 300 gallons of storage per user. With an initial customer base of approximately 900, the original plan had the following:

Reservoir A (Treatment Plant)	100,000 gallons
Reservoir B (North Area)	100,000 gallons
Reservoir C (East Area)	<u>100,000 gallons</u>
Total	300,000 gallons
Required 900 users x 300 gallons (270,000 gallons)	

Backwashing the filter uses finished water at Reservoir A at a flow rate of 1,100 gpm for 10-15 minutes per filter. Therefore, a complete backwash of all three existing filters requires 35,000 gallons to 50,000 gallons. In times of high usage, this backwash has sometimes been completed at odd hours of the date to keep Reservoir A at the treatment plant from going dry.

More growth has been experienced on the north portion of the system than on the east portion.

Proposed Storage:

At the present time, almost 1,600 users are on the system. Using the original minimum storage requirements at the present time, there should be a minimum of 480,000 gallons. Most systems would like to have a full days worth of storage.

Therefore, it is suggested that the system should have a treated water storage capacity of not less than 570,000 gallons. An average day capacity would be approximately 700,000 gallons.

August 16, 2004

Suggested Storage:

	Present	Add	Total
Reservoir A (Treatment Plant)	100,000 gallons	200,000 gallons	300,000 gallons
Reservoir B (North Area)	100,000 gallons	100,000 gallons*	200,000 gallons
Reservoir C (East Area)	100,000 gallons		100,000 gallons
Totals	300,000 gallons		600,000 gallons

*May desire to add 200,000 gallons (see Opinion of Probable Cost)

Please note that there has also been preliminary design and discussion of constructing an above ground 50,000 – 100,000 gallon tank in the northeast part of the system (near the lake).

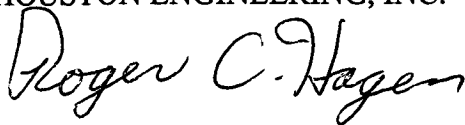
Since the demand on the east area (Reservoir C) has not increased as drastically as other areas, no storage is recommended at Reservoir C. An additional 100,00 gallons could easily be constructed for that area also.

Attached is the Opinion of Probable Cost for the proposed improvements, as well as the Water Usage Reports for 2001-2004.

If you should have any questions or comments regarding any of the above, please feel free to call.

Sincerely,

HOUSTON ENGINEERING, INC.



Roger C. Hagen

RCH:jo
Enclosure

OPINION OF PROBABLE COST

Expansion of Water Supply, Treatment Plant and System Storage

Grant-Roberts Rural Water System, Inc.

August 16, 2004

No.	Item	Unit	Quantity	Unit Price	Total
1	400 gpm Water Supply Well with Controls and Piping	ea.	3	\$ 80,000.00	\$ 240,000.00
2	Filtration Plant Building Expansion Including 3-11 foot diameter Filters and Controls	l.s.	1	\$ 600,000.00	\$ 600,000.00
3	200,000 Gallon Underground Concrete Storage (Reservoir A)	l.s.	1	\$ 240,000.00	\$ 240,000.00
4	100,000 Gallon Underground Concrete Storage (Reservoir B)	l.s.	1	\$ 160,000.00	\$ 160,000.00
Total Estimated Construction Cost					\$ 1,240,000.00
Engineering (10%)					\$ 125,000.00
Contingencies (10%)					\$ 125,000.00
Miscellaneous and Administration Cost (1%)					\$ 10,000.00
TOTAL ESTIMATED PROJECT COST					\$ 1,500,000.00

Water Rights Program - DENR
Conversation File Documentation

NAME OF PERSON OR FILE: Grant-Robert Rural Water System

ADDRESS: COUNTY: Codrington

DATE: August 31, 2005 TELEPHONE: 432-6793

RE: Discussion with Wendy Storm, Manager of RWS

COMMENTS:

I contacted Ms. Storm after receiving Grant-Roberts Rural Water System's application for three additional diversion points. The application indicates no additional diversion rate to what is authorized by Water Permit No. 5576A-3 which appropriates 2.67 cfs from three wells with an annual volume of 1,074 acre feet of water.

After reviewing the engineer's report it appeared that they desired to run 4 wells each at 400 gpm for a total of 1,600 gpm (3.56 cfs). I indicated that this is a increase in diversion authority of 400 gpm (0.89 cfs) above what is authorized by Water Permit No. 5576A-3. She agreed that the application should be amended accordingly. The annual volume authorized will not change.

The three proposed wells are represented and No. 4, 5 & 6 on the submitted map.

NAME:

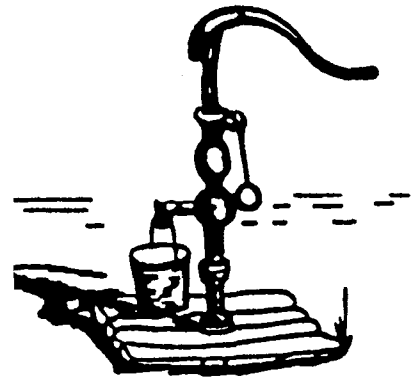
_____

**GRANT-ROBERTS RURAL WATER
SYSTEM, INC.**

**PO BOX 145 1209 S DAKOTA ST
MILBANK, SD 57252**

605-432-6793

1-800-917-2031



RECEIVED

AUG 30 2005

WATER RIGHTS
PROGRAM

Water Rights Program
% Eric Gronlund
Foss Building
523 East Capitol
Pierre, SD 57501

RE: Amendment to Permit No 5576A-3

Enclosed is an application to amend Water Permit No. 5576-A3 to include three more diversion points from the Antelope Valley aquifer. If further information is needed, please call Wendy Storm at 605-432-6793.

Sincerely,

A handwritten signature in cursive script that reads "Wendy Storm".

Wendy Storm, Mgr

REPORT ON WATER PERMIT APPLICATION NO. 6654-3
For Grant-Roberts Rural Water
September 26, 2005

Application No. 6654-3 proposes to increase the diversion rate authorized by Water Right No. 5576-3. Water Right No. 576-3 authorizes 2.67 cfs (1,200 gpm) from three wells located in the NE ¼ SE ¼ of section 10, T119N R51W. This application proposes to appropriate an additional 0.89 cfs (400 gpm) from three additional wells located in the SE ¼ NE ¼ of section 10, T119N R51W in Codington County. This permit does not increase the annual withdrawal limitation of 1,074 acre-feet authorized by Water Permit No. 5576A-3.

AQUIFER – ANTELOPE VALLEY (AV)

The Antelope Valley is a predominantly surficial outwash (sand and gravel) but is buried and under artesian conditions at this site. The aquifer underlies 30 square miles and contains an estimated 100,000 acre-feet of water in storage in Codington and Grant Counties (Hansen, 1990). The aquifer extends into Deuel County to the south and is hydraulically connected to some area sloughs and small lakes. The direction of ground water movement is from north to south toward Punished Woman Lake (Hansen, 1990). Recharge to the Antelope Valley aquifer at a minimum probably is in the 2.3 inches per year range (Hedges, 1983). This would equate to a volume of at least 3,680 acre-feet per year. The actual pumping for irrigation from this aquifer approaches 2,000 acre-feet per year. The Rural Water System produced 810 acre-feet in 2004 and is gradually increasing their volume of use.

The Water Rights Program monitors two observation wells completed into the Antelope Valley aquifer and located within two miles of this site. These are observation wells CD-76G (located about one-half mile north) and GT-77G (located about one and one-half miles to the northwest) both from this application. CD-76G is under artesian conditions and illustrates the effects of area pumping on water levels. GT-77G is under water table conditions and primarily shows the climatic effects on water levels. Hydrographs for both of these wells are included with this report. In general, the water level record indicates that the aquifer is capable of sustaining additional withdrawals (Water Rights, 2005).

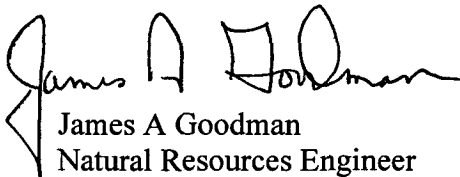
REVIEW OF EXISTING WATER PERMITS/RIGHTS

There are two existing irrigation water right No. 3672-3 (one well, 1.78 cfs, 132 acres) and No. 3781-3 (two wells, 3.75 cfs, 264 acres) located within two miles of this application. These irrigation rights are also located where the aquifer is under confined conditions. These wells have been in use for many years with no apparent problems and the water level record clearly indicates when pumping has occurred and when it was the greatest (see hydrograph for CD-76G). The rural water system wells are in close proximity and likely will interfere with one another. The rural water system has complete control over their own diversions and can manage the wells for their best

interests. Any increase in potential for creating additional drawdown with this increase in pumping rate and additional wells can be managed internally by the rural water system.

CONCLUSIONS

1. Water is available from the Antelope Valley aquifer.
2. The aquifer is under artesian conditions at this site. Drawdown will occur as a result of pumping. The rural water system wells are very close together and will interfere with one another. This is not expected to be adverse. Besides the rural water system can manage the pumping to minimize any potential problems.
3. The wells authorized by this application must be constructed in accordance with SD Well Construction Standards.
4. Interference with existing irrigation is not expected to be a concern.



James A Goodman
Natural Resources Engineer

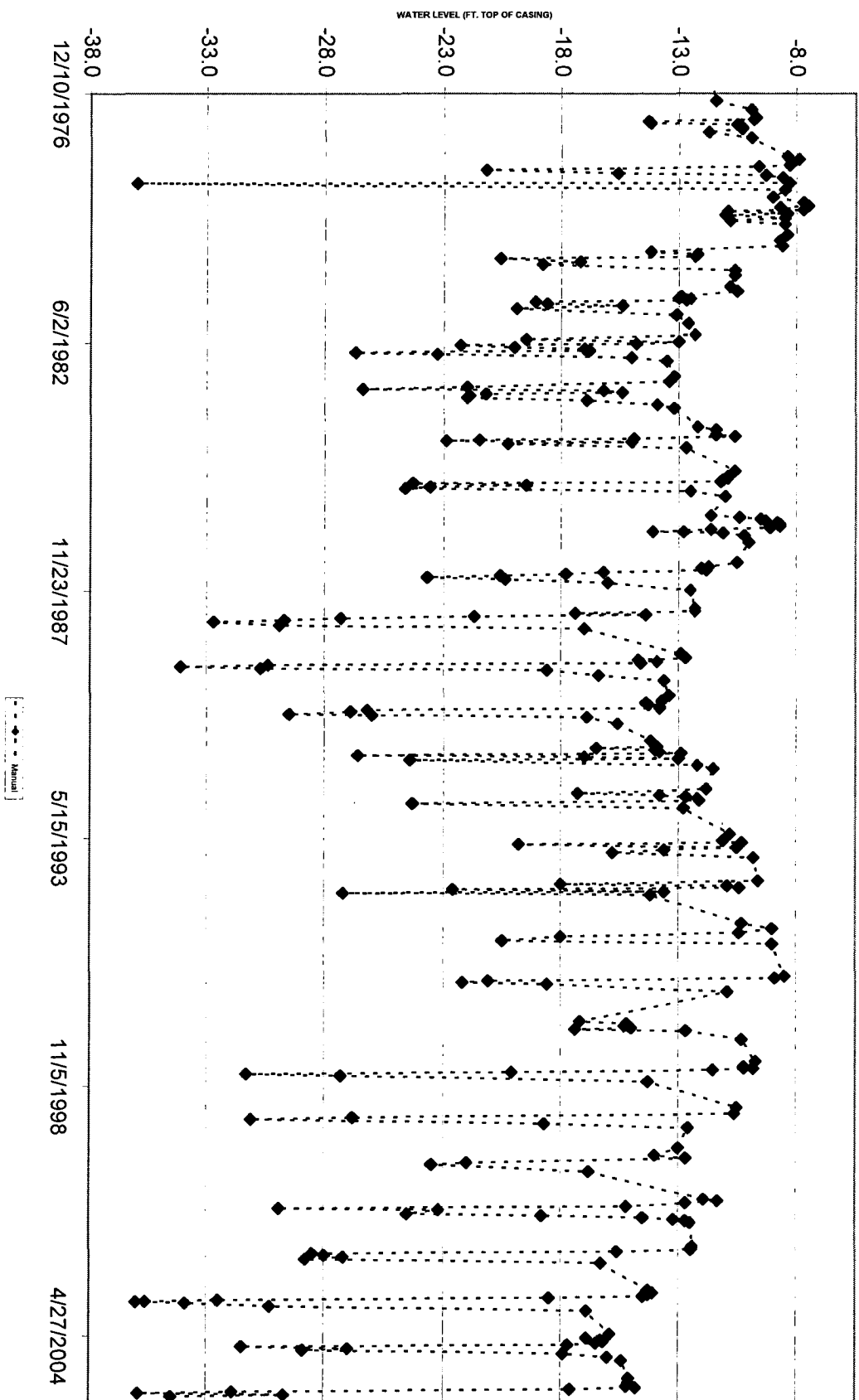
BIBLIOGRAPHY

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

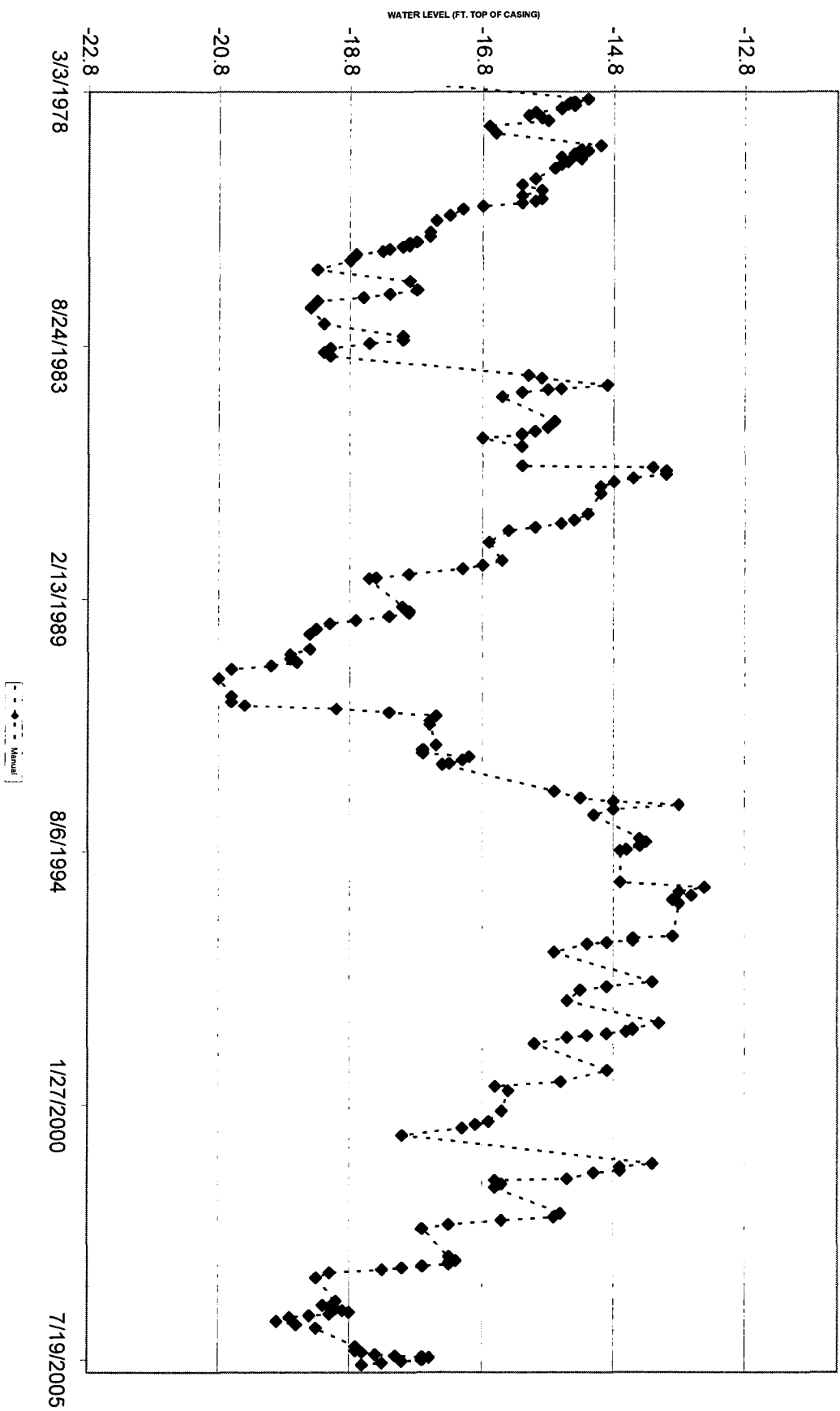
Hedges, L.S., and others, 1983, Evaluation of Ground-Water Resources Eastern SD and Upper Big Sioux River, SD and Iowa, Task 7 Ground Water Recharge, for US Army Corps of Engineers, SD DENR, SDGS, Vermillion, SD, 57069.

Water Rights, 2005, Unpublished Observation Well Data for the Antelope Valley Aquifer, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

WATER RIGHTS' OBSERVATION WELL
CD-76G



WATER RIGHTS' OBSERVATION WELL
GT-77G





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 6654-3, Grant-Roberts Rural Water**

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Program, Department of Environment and Natural Resources concerning Water Permit Application No. 6654-3, Grant-Roberts Rural Water, c/o Wendy Storm, PO Box 145, Milbank SD 57252.

The Chief Engineer is recommending APPROVAL of Application No. 6654-3 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) it is in the public interest with the following qualifications:

1. The wells approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The wells authorized by Permit No. 6654-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. Water Right No. 5576-3 and Water Permit Nos. 5576A-3 and 6654-3, combined, authorize a total annual withdrawal of 1,074 acre feet of water.
4. That Grant-Roberts Rural Water report annually to the Chief Engineer the amount of water withdrawn each year.

See report on application for additional information.

Garland Erbele, Chief Engineer
October 12, 2005

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
) SS
County of Deuel)

I, Gary DeJong

certify that the attached printed Notice was
taken

from the Clear Lake Courier

printed and published in Clear Lake

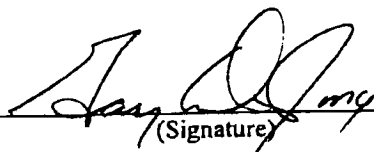
County of Deuel and
state of South Dakota. The notice was published

in the newspaper on the following two dates:

October 26, 2005

November 2, 2005

Cost of Printing \$47.15


(Signature)

Publisher
(Title)

11/2/05
(Date Signed)

NOTICE OF APPLICATION NO. 6654-3 TO APPROPRIATE WATER

Notice is hereby given that Grant-Roberts Rural Water, PO Box 145, Milbank, SD 57252 has filed an application for a water permit to increase the diversion rate authorized by Water Right No. 5576-3. Water Right No. 5576-3 authorizes 2.67 cubic feet of water per second (cfs) from three wells located in the NE1/4SE1/4 Section 10-T119N-R51W. This application proposes to appropriate an additional 0.89 cfs from three additional wells located in the SE1/4NE1/4 Section 10-T119N-R51W. The water source for these rural water system use wells is the Antelope Valley Aquifer. This permit does not increase in the annual withdrawal limitation of 1,074 acre-feet authorized by Water Permit No. 5576A-3.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6654-3 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. In accordance with SDCL 46-2A-23, the Chief Engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre, SD 57501 (605-773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by November 14, 2005.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.

Oct. 26 & Nov. 2

Affidavit of Publication

STATE OF SOUTH DAKOTA
County of Roberts

} ss.

Harley E. Deutsch of said county, being first duly sworn, on oath says, that he is publisher of THE SISSETON COURIER, a weekly newspaper printed and published in Sisseton, in said county of Roberts, and has full and personal knowledge of all the facts herein stated; that said newspaper is a legal newspaper and has a bonafide circulation of at least two hundred copies weekly, and has been published within said county for 52 successive weeks next prior to the publication of the notice herein mentioned, and was and is printed wholly or in part in an office maintained at said place of publication; that the Notice of Notice of Appl.

to Appropriate Water, a printed copy of which, taken from the paper in which the same was published, is attached to this sheet, and is made a part of this affidavit, was published in said newspaper at least once in each week for 2 successive weeks, on the day of each week on which said newspaper was regularly published, to-wit:

Oct. 25, 2005; _____;
Nov. 1, 2005; _____;
_____; _____;
_____; _____;
_____; _____;

that the full amount of the fee is charged for publication of said Notice insures to the benefit of the publisher of said newspaper; that no agreement or understanding for the division there has been made with any other person, and that no part thereof has been agreed to be paid to any person whomsoever and that the fees charged for the publication there of are \$ 42.84

Harley E Deutsch

Subscribed and sworn to before me this 1st day of

November, A.D., 2005

John Deutsch

Notary Public, Roberts County, South Dakota

My commission expires February 3, 2010

RECEIVED

NOV 15 2005

WATER RIGHTS
PROGRAM

NOTICE OF APPLICANT NO. 6654-3 TO APPROPRIATE WATER

Notice is given that Grant-Roberts Rural Water, PO Box 145, Milbank, SD 57252 has filed an application for a water permit to increase the diversion rate authorized by Water Right No. 5576-3. Water Right No. 5576-3 authorizes 2.67 cubic feet of water per second (cfs) from three wells located in the NE1/4SE1/4 Section 10-T119N-R51W. This application proposes to appropriate an additional 0.89 cfs from three additional wells located in the SE1/4NE1/4 Section 10-T119N-R51W. The water source for these rural water system use wells is the Antelope Valley Aquifer. This permit does not increase in the annual withdrawal limitation of 1,074 acre-feet authorized by Water Permit No. 5576A-3.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6654-3 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. In accordance with SDCL 46-2A-23, the Chief Engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E. Capitol, Pierre SD 57501 (605-773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by Nov. 14, 2005.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of ~~information regarding the~~ application. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.

(Oct. 25-Nov. 1-2 wks)

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
) SS
County of CODINGTON)

I, MONICA K. SAATHOFF

certify that the attached printed Notice was
taken

from the WATERTOWN PUBLIC OPINION

printed and published in WATERTOWN

County of CODINGTON and

state of South Dakota. The notice was published

in the newspaper on the following two dates:

OCTOBER 25th 2005

NOVEMBER 1st, 2005

Cost of Printing 101.38

MONICA K. SAATHOFF
(Signature)

BOOKKEEPER
(Title)

(Date Signed)

DENR

NOTICE OF APPLICATION
NO. 6654-3 to
Appropriate Water

Notice is given that Grant-Roberts Rural Water, PO Box 145, Milbank, SD 57252 has filed an application for a water permit to increase the diversion rate authorized by Water Right No. 5576-3. Water Right No. 5576-3 authorizes 2.67 cubic feet of water per second (cfs) from three wells located in the NE 1/4 SE 1/4 Section 10-T119N-R51W. This application proposes to appropriate an additional 0.89 cfs from three additional wells located in the SE 1/4 NE 1/4 Section 10-T119N-R51W. The water source for these rural water system use

is the Antelope Valley Aquifer. This permit does not increase in the annual withdrawal limitation of 1,074 acre-feet authorized by Water Permit No. 5576A-3.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6654-3 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. In accordance with SDCL 46-2A-23, the Chief Engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the applica-

tion or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E. Capitol, Pierre, SD 57501 (605-773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or

the applicant must be filed by November 14, 2005.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.

(October 25, November 1, 2005)

RECEIVED

NOV - 7 2005

WATER RIGHTS
PROGRAM

Printer's Affidavit of Publication

STATE OF SOUTH DAKOTA
COUNTY OF GRANT

} ss.

Holli Seehafer

of said County and State, being first duly sworn, on oath says that the Grant County Review is a legal weekly newspaper of general circulation, printed and published in Milbank, in said County of Grant and State of South Dakota, by Phyllis Justice, and has been such newspaper during the times hereinafter mentioned; that said newspaper is a legal newspaper; and that it has a bona fide circulation of more than two hundred copies weekly, and has been published within said County of Grant in the English language and has been admitted to the United States mail under second class mailing privilege, for at least one year next prior to the publication of the Notice herein mentioned, and has been printed wholly in an office maintained at the said place of publication, that I, the undersigned, Advertising Manager of said newspaper, in charge of the advertising department thereof, have personal knowledge of all the facts stated in this affidavit; that the advertisement headed Notice of

Application No. 6654-3 to Appropriate Water

a printed copy of
which, taken from the paper in which the same was published, is attached to this sheet and is made a part of this Affidavit, was published in said newspaper at least once each week for two successive weeks, on the day of each week on which the said newspaper was regularly published, to-wit:

<u>October 26 2005</u>	<u>20</u>
<u>November 2 2005</u>	<u>20</u>
<u>20</u>	<u>20</u>

That \$ 45.21, being the full amount of the fee charged for the publication of said Notice, inures to the benefit of the publisher of the Grant County Review; that no agreement or understanding for the division thereof has been made with any person, and that no part has been agreed to be paid to any person whomsoever.

Holli Seehafer

Subscribed and sworn before me this 2nd day of Nov 20 05

Debra L. Hemmer

Notary Public, Grant County, South Dakota

DEBRA HEMMER
Notary Public, GRANT COUNTY, S. DAK.
My Commission Expires OCT 27, 2009

RECEIVED

NOV - 3 2005

WATER RIGHTS
PROGRAM

NOTICE OF APPLICATION NO. 6654-3 to Appropriate Water

Notice is given that Grant-Roberts Rural Water, PO Box 145, Milbank SD 57252 has filed an application for a water permit to increase the diversion rate authorized by Water Right No. 5576-3. Water Right No. 5576-3 authorized 2.67 cubic feet of water per second (CFS) from three wells located in the NE 1/4 SE 1/4 Section 10-T119N-R51W. This application proposed to appropriate an additional 0.89 cfs from three additional wells located in the SE 1/4 NE 1/4 Section 10-T119N-R51W. The water source for these rural water system use wells is the Antelope Valley Aquifer. This permit does not increase in the annual withdrawal limitation of 1,074 acre-feet authorized by Water Permit No. 5576A-3.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6654-3 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. In accordance with SDCL 46-2A-23, the Chief Engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E. Capitol, Pierre, SD 57501 (605-773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by November 14, 2005.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.

Oct. 26

Nov. 2

Publication Fee \$ 45.21

Notarial Fee \$

Total \$ 45.21

Instruction to Newspaper - Publish first Notice on October 26, 2005 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6654-3 to Appropriate Water

Notice is given that Grant-Roberts Rural Water, PO Box 145, Milbank SD 57252 has filed an application for a water permit to increase the diversion rate authorized by Water Right No. 5576-3. Water Right No. 5576-3 authorizes 2.67 cubic feet of water per second (cfs) from three wells located in the NE ¼ SE ¼ Section 10-T119N-R51W. This application proposes to appropriate an additional 0.89 cfs from three additional wells located in the SE ¼ NE ¼ Section 10-T119N-R51W. The water source for these rural water system use wells is the Antelope Valley Aquifer. This permit does not increase in the annual withdrawal limitation of 1,074 acre-feet authorized by Water Permit No. 5576A-3.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6654-3 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. In accordance with SDCL 46-2A-23, the Chief Engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by November 14, 2005.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

October 13, 2005

Public Opinion
PO Box 10
Watertown SD 57201-0010

ATTENTION: Legal Public Notice

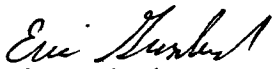
Enclosed is a Notice on Application No. 6654-3 to Appropriate Water to be published twice. Please publish the first notice on October 25, 2005 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

The applicant must verify to you that the notice is to be published, before you make the first publication. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is Grant-Roberts Rural Water, % Wendy Storm, PO Box 145, Milbank SD (Ph # 605-432-6793).

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

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

Sincerely,


Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

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

No. 6654-3

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

Date _____

We are in receipt of your letter of October 13, 2005 enclosing Notice to Appropriate Water by Application No. 6654-3 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

October 13, 2005

Sisseton Courier
PO Box 169
Sisseton SD 57262-0169

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 6654-3 to Appropriate Water to be published twice. Please publish the first notice on October 25, 2005 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

The applicant must verify to you that the notice is to be published, before you make the first publication. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is Grant-Roberts Rural Water, % Wendy Storm, PO Box 145, Milbank SD (Ph # 605-432-6793).

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

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

Sincerely,


Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

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

No. 6654-3

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

Date _____

We are in receipt of your letter of October 13, 2005 enclosing Notice to Appropriate Water by Application No. 6654-3 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

October 13, 2005

Grant Co. Review
PO Box 390
Milbank SD 57252-0390

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 6654-3 to Appropriate Water to be published twice. Please publish the first notice on October 26, 2005 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

The applicant must verify to you that the notice is to be published, before you make the first publication. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is Grant-Roberts Rural Water, % Wendy Storm, PO Box 145, Milbank SD (Ph # 605-432-6793).

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

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

Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

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

No. 6654-3

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

Date _____

We are in receipt of your letter of October 13, 2005 enclosing Notice to Appropriate Water by Application No. 6654-3 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

October 13, 2005

Clear Lake Courier
PO Box 830
Clear Lake SD 57226-0830

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 6654-3 to Appropriate Water to be published twice. Please publish the first notice on October 26, 2005 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

The applicant must verify to you that the notice is to be published, before you make the first publication. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is Grant-Roberts Rural Water, % Wendy Storm, PO Box 145, Milbank SD (Ph # 605-432-6793).

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

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

Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

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

No. 6654-3

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

Date _____

We are in receipt of your letter of October 13, 2005 enclosing Notice to Appropriate Water by Application No. 6654-3 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

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

October 13, 2005

Grant-Roberts Rural Water
% Wendy Storm
PO Box 145
Milbank SD 57252

Dear Ms. Storm:

Water Permit Application No. 6654-3 for Rural Water system use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the Publisher of the Public Opinion printed at Watertown, SD (Ph # 605-886-6901), the Grant Co. Review printed at Milbank, SD (Ph #605-432-4516), the Sisseton Courier printed at Sisseton SD (Ph #605-698-7642) and the Clear Lake Courier printed at Clear Lake, SD (Ph #605-874-2499). You will need to contact the newspapers and authorize publication of this notice. For your information, a copy of the notice, the recommendation of the Chief Engineer and a report on the application are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspapers to authorize publication of your Notice and to arrange for payment. Early contact with the papers can eliminate delays. Upon receiving authorization, the publisher has been instructed to publish your notice once each week for two consecutive weeks. The newspapers have also been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the application.

Sincerely,

Eric Gronlund
Natural Resources Engineer
(605) 773-3352

enclosures

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



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

JAN 26 2008

Grant-Roberts Rural Water
% Wendy Storm
PO Box 145
Milbank SD 57252

Dear Ms. Storm:

Enclosed is Water Permit No. 6654-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

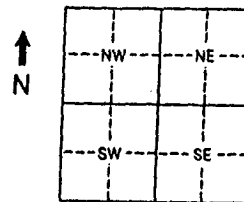
Form 10, *Notice of Completion of Works and Application of Water to Beneficial Use*, is enclosed. Please return this completed form after you have finished the system and have put the water to beneficial use. An investigation can then be scheduled so the water license may be issued, thus completing the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

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

Sincerely,

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

enclosures



Sec _____ T _____ R _____

DRILLERS LOG

Drilled for Grant Roberts By _____ Office _____

Location of Test Hole 400' W of #1

Test Hole No. _____ Well No. _____

Size of test hole: _____ Date started _____ Date completed: _____ Total Hours _____

FORMATIONS DRILLED

[illegible]

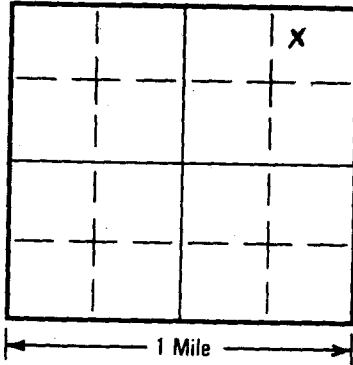
Signed _____ Driller

07-92

County Codington

W

4-5-06



Forward Mad Rotary

Describe grouting procedure Pressure Grouted From Bottom up

Other information Well was Gravel Packed

W/HTH

_____ NO, Why Not?

MVTL

TO

See Attached Log

~~RECEIVED~~

APR - 6 2007

WATER RIGHTS
PROGRAM

Signature of Well Owner or Equitable Property Holder:

Date: 9-7-01

FORM #30

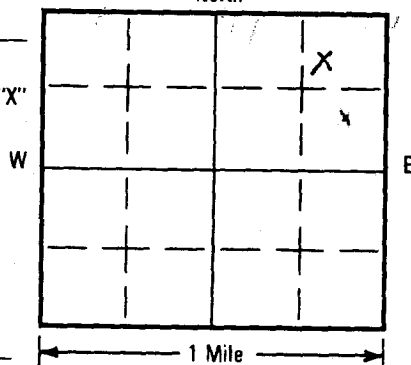
SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NE 1/4 NE 1/4 Sec 10 Twp 119 Rg 51
County Codington

North

Please mark well location with an "X"



Well Completion Date

4-12-07

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? _____ ft. from _____ (identify source).

PROPOSED USE:

☐ Domestic/Stock ☒ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

Forward Mud RotaryCASING DATA: ☒ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>40.48</u> LB/FT	<u>10</u> IN	<u>13</u> FT	<u>120</u> FT	<u>15</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Neat Cement</u>	<u>57</u>	<u>15</u> lb./gal	<u>9</u> ft	<u>100</u> ft

Describe grouting procedure Pressure Grouted From Bottom To TopSCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 10 IN Length 20 FEETMaterial 5.5Slot Size 25 Set From 120 Feet to 140 FeetOther information Well is Gravel PackedWAS A PACKER OR SEAL USED? ☐ YES ☒ NO

If so, what material? _____

Describe packer(s) and location? _____

DISINFECTION: Was well disinfected upon completion?

☒ YES, How: w/HTH

Laboratory sent to for water quality analysis

_____ NO, Why Not? _____

MUTLWell Owner: Grant Roberts Rural Water

Business Name: _____

Address: _____

WELL LOG:

FORMATION

DEPTH

FROM

TO

See Attached logSTATIC WATER LEVEL 34.58 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☒ PumpedDescribe: Tested w/sub. Pump☐ Bailed☐ Other _____

Pumping Level Below Land Surface

69.68 ft. After 20 Hrs. pumped 453 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

RECEIVED

APR - 6 2007

WATER RIGHTS PROGRAM

This well was drilled under license # 381

And this report is true and accurate.

Drilling firm L.T.P. Enterprises, Inc.

Signature of License Representative

Signature of Well Owner or Equitable Property Holder: _____

Date: 4-7-07

6654-3
RECEIVED

AUG - 2 2010

WATER RIGHTS
PROGRAMNOTICE OF COMPLETION OF WORKS AND
APPLICATION OF WATER TO BENEFICIAL USEDate July 30, 2010TO: Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181FROM: Grant-Roberts Rural Water System

(name)

POBox 145

(address)

Milbank, SD 57252

(city, state, zip)

605-432-6793

(phone)

I have completed the construction of the water use system and I have put the water to beneficial use to the maximum extent it is going to be used.

Water Permit No. 6654-3 states that the water use system is to be constructed byNov 14, 2010

(date)

, and water is to be put to beneficial use by Nov 14, 2014

(date)

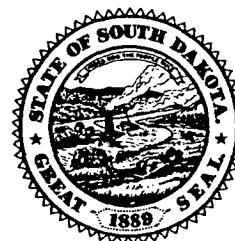
The water use system was completed on 11/02/09

(date)

Applying the water to beneficial use was completed on 03/08/2010

(date)

You may schedule an investigation so that the water license may be issued.

Wendy Storm, mgr
(signature)



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

August 16, 2010

6654-3

Wendy Storm
Grant Roberts Rural Water System
PO Box 145
Milbank SD 57252 0145

Dear Ms. Storm:

I am writing to acknowledge receipt of the "Notice of Completion of Works" form that you sent in to let us know that you are completed with the system.

The system is now ready for inspection. Inspections are done on a county-by-county basis as staff time permits. You have done everything you need to do and the intervening time between the completion of your project and the staff inspection has no bearing on your water permit.

Someone from our office will contact you prior to the inspection to set up a time that is convenient for you. If you have any questions, please contact me.

Sincerely,

A handwritten signature in cursive script that reads "Genny McMath".

Genny McMath
Environmental Scientist
Water Rights Program
(605) 773-3352
email: genny.mcmath@state.sd.us

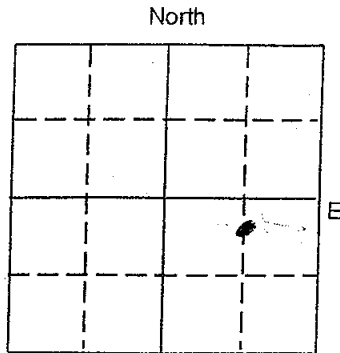
SOUTH DAKOTA WATER WELL COMPLETION REPORT

6654-3

11-02

Location NE 1/4 SE 1/4 Sec 10 Twp 119N Rg 51W

County Codington



Please mark well location with an "X"

new #3

Well completion Date

8-8-12

Distance from nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.)
800 ft. from drain field (identify source)

PROPOSED USE:

- ☐ Domestic/Stock ☐ Municipal ☒ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

Rotary

CASING DATA:

- ☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>sdr 21</u> LB/FT	<u>10</u> IN	<u>6</u> FT	<u>120</u> FT	<u>13</u> IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Bentonite</u>	<u>12</u>	Lb/gal	<u>20</u> Ft	<u>120</u> Ft
<u>Neat cement</u>	<u>40</u>	Lb/gal	<u>0</u> Ft	<u>20</u> Ft

Describe grouting procedure Tremmie line

SCREEN:

- ☐ Perforated pipe ☒ Manufactured

Diameter 10 Inches Length 20 Feet

Material SS Steel

Slot Size .025 Set From 120 Feet to 140 Feet

Other information

WAS A PACKER OR SEAL USED?

- ☒ Yes ☐ No

If so, what material? SS plug

Describe packer(s) and location

DISINFECTION: Was well disinfected upon completion?

- ☒ Yes, How? Chlorine

- ☐ No, Why Not?

Lab sample sent to for water quality analysis

Well Owner:

Business Name:

Grant Roberts Rural Water

Address1:

1209 Dak Str S

Address2:

City, State, Zip:

Milbank SD 57252

WELL LOG:

DEPTH

FORMATION	FROM	TO
<u>Top soil</u>	<u>0</u>	<u>12</u>
<u>Sand + Yellow clay</u>	<u>12</u>	<u>15</u>
<u>Blue clay</u>	<u>15</u>	<u>20</u>
<u>sandy Blue clay</u>	<u>20</u>	<u>56</u>
<u>Blue clay</u>	<u>56</u>	<u>72</u>
<u>Sand</u>	<u>72</u>	<u>75</u>
<u>Blue clay</u>	<u>75</u>	<u>77</u>
<u>Sand</u>	<u>77</u>	<u>98</u>
<u>Blue clay</u>	<u>98</u>	<u>112</u>

STATIC WATER LEVEL

65' Sand 112' Blue clay 140'

If flowing: closed in pressure

GPM flow through _____ Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

Reduced flow rate

Can well be completely shut in?

RECEIVED
DEC 12 2012

WATER RIGHTS
PROGRAM

WELL TEST DATA:

- ☐ Pumped Describe: Air lifted
☐ Bailed
☒ Other

Pumping Level Below Land Surface

82 Ft. After 1 Hrs. pumped 500 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: _____ GPM

REMARKS

23 grains hard

This well was drilled under license # 598

And this report is true and accurate.

Drilling firm:

Kranz Well

Signature of License Representative:

Charles Kranz

Signature of Well Owner or Equitable Property Holder:

Charles Kranz

Date: 8-7-2012

Please return **WHITE COPY** to: DENR Water Rights, 523 E. Capitol Ave., Pierre SD 57501

Permit Nos. 5576A-3 and 6654-3
Minnesota-Whetstone River - Water District

Report of Examination of Works and/or Application of Water to Beneficial Use

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

I have made a thorough examination of the water use system constructed by **Grant-Roberts Rural Water** of **PO Box 145, Milbank, SD 57252** holder of Permit Nos. **5576A-3 and 6654-3**, bearing the priority of **December 1, 2003 and August 30, 2005** authorizing the diversion of **0.89 cfs** and **454** acre-feet of the waters of the **Antelope Valley Aquifer** for **Rural Water use** purposes, in **Grant** County.

Inspection contact & relationship **Wendy Storm**
to permit holder, if applicable:

A. Works used to divert the water:

Well Information: The Information Below was provided by the Grant-Roberts RWS

Grant-Roberts Rural Water System								
Name	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6	Well #7	Well #8
Depth (ft)	110	X	132	105	X	140	147	129
Diameter (in)	10	X	10	10	X	10	10	10
Latitude	45.12784	X	45.12813	45.1296	X	45.12771	45.13126	45.13444
Longitude	-96.92516	X	-96.9272	-96.92645	X	-96.92734	-96.9304	-96.93937
Capacity (gpm)	510	X	510	540	X	540	420	430
Wells #2 and #5 have been abandoned								

B. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by **Y**
- 2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period **NA**
- 3) Exceptions to compliance are: **None**

The system is in **Good** condition with the point(s) of diversion located as follows:

Well 1:

Approximately 2,440 feet north and 245 feet west of the SE corner of Section 10-T119N-R51W
(N 45.12784, W -96.92516) (NE ¼ SE ¼)

Well 2:

Abandoned

Well 3:

Approximately 2,530 feet north and 775 feet west of the SE corner of Section 10-T119N-R51W
(N 45.12813, W -96.92720) (NE ¼ SE ¼)

Well 4:

Approximately 2,210 feet south and 513 feet west of the NE corner of Section 10-T119N-R51W
(N 45.12960, W -96.92645) (SE ¼ NE ¼)

Well 5:

Abandoned

Well 6:

Approximately 2,375 feet north and 805 feet west of the SE corner of Section 10-T119N-R51W
(N 45.13126, W -96.93040) (NE ¼ SE ¼)

Well 7:

Approximately 1,605 feet south and 1,575 feet west of the NE corner of Section 10-T119N-R51W
(N 45.12771, W -96.92743) (SW ¼ NE ¼)

Well 8:

Approximately 485 feet south and 1,350 feet east of the NW corner of Section 10-T119N-R51W
(N 45.13444, W -96.93937) (NE ¼ NW ¼)

The works are capable of diverting and conveying to the place of use 0.89 cfs and an additional withdrawal of 454 acre-feet of water which is to be used for Rural Water System use.

The combined licenses should be issued for 3.56 cfs and an annual volume of 1,074 acre-feet of water withdrawn.

All structures, wells and lands on map Y

Comments or other permit(s) associated with the project:

Water Permit No. 6654-3 authorizes an additional appropriation of 0.89 cfs of water and three additional wells constructed into the Antelope Valley aquifer with no increase in the annual volume of water withdrawn authorized by Water Permit Nos. 5576-3 and 5576A-3. Water Permit No. 6654-3 has a priority date of August 30, 2005.

Water Permit No. 5576A-3 authorizes the appropriation of an additional withdrawal of 454 acre-feet of water annually from the Antelope Valley aquifer with a priority date of December 1, 2003.

Water Right No. 5576-3 authorizes the appropriation of 1.52 cfs of water and an additional 120 acre-feet of annual withdrawal from the Antelope Valley aquifer with a priority date of October 9, 1991.

Water Right No. 4212-3 authorizes the appropriation of 1.15 cfs of water and withdrawal of 500 acre-feet of water annually from the Antelope Valley aquifer with a priority date of January 6, 1978. The applicable portions of Water

Report of Examination of Works

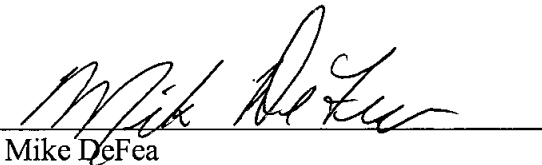
Permit No. 5576A-3 and 6654-3

Right No. 4212-3 have been incorporated into Water Right No. 5576-3 while each keeping their original priority dates and combined appropriation authority of 620 acre-feet of water from three wells.

Water Right No. 5576-3 and Water Permit No. 5576A-3 should be incorporated into Water Permit No. 6654-3 while each retaining their original amount of water appropriated and priority dates. (ARSD 74:02:01:16.01)

The combined, total appropriated flow rate for the Grant-Roberts Rural Water permits is 3.56 cfs with a combined total volume of water withdrawn is 1,074 acre-feet per year. Maximum flow into treatment plant when pumping is 3.56 cfs (1,600 gpm).

The Grant-Roberts RWS serves water in Grant, Roberts, also small areas of Codington and Deuel counties in South Dakota and Lac Qui Parle County in Minnesota. Also included are the communities of South Shore, Stockholm, Strandburg, Town of Wilmot in South Dakota and Marietta and Nassau in Minnesota.



Mike DeFea
Natural Resources Engineer II
DENR, Water Rights Program

Date report completed: **April 1, 2014**

Approval of Location Change of Diversion Point(s)

NAME: Grant-Roberts Rural Water System

ADDRESS: PO Box 145, Milbank, SD 57252

DATE: March 31, 2014 **COUNTY:** Grant **TELEPHONE:** 432-6793

AUTHORITY:

Pursuant to SDCL 46-5-13.1, the location of a diversion point may be changed or additional diversion points may be licensed provided the following conditions are met and the potential for interference with other existing diversions is not increased:

- **Developed water source same as permitted source and no additional water appropriated**

The water source for these rural water system wells is the Antelope Valley aquifer. This permit was issued for an additional 0.89 cfs of water and three additional wells located in the SE ¼ NE ¼ Section 10-T119N-R51W. This permit does not increase the annual withdrawal limitation of 1,074 acre-feet authorized by Water Permit No. 5576A-3.

Information obtained from the Grant-Roberts Rural Water System at the time of the licensing inspections for Water Permit Nos. 6654-3 and 5576A-3 showed that one well authorized by Water Permit No. 6654-3 was located outside of the permitted quarter-section. This well, referred to as Well #8 by the RWS, is located in the NE ¼ NW ¼ Section 10-T118N-R51W. This well is constructed into the Antelope Valley aquifer as permitted and does not appropriate any additional water than is permitted.

- **Review of Existing Diversions**

There are two existing irrigation permits located within two miles of this well. Water Right No. 3672-3 is licensed for one well, 1.78 cfs, 132 acres and Water Right No. 3781-3 is licensed for two wells, 3.75 cfs and 264 acres. These wells, as-well-as Well #8, have been in use for many years with no apparent problems.

RECOMMENDED ACTION

Based on the above criteria, it is recommended that the diversion point(s) be licensed as developed.



Mike DeFea, Natural Resources Engineer II
DENR, Water Rights Program

The Chief Engineer makes a finding pursuant SDCL 46-5-13.1 and ARSD 74:02:01:14.01 that:

This change in location does not increase the potential for adverse effects to existing diversions.



Jeanne Goodman, Chief Engineer
Water Rights Program

Grant-Roberts Rural Water System

Water Permit Nos. 6654-3 and 5576A-3



0 0.2 0.4 0.8 Miles

Mike DeFea

Mike DeFea
Natural Resources Engineer
DENR, Water Rights Program
March 31, 2014



South Dakota
Department of Environment
& Natural Resources
Protecting SD's Tomorrow... Today



DEPARTMENT OF ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov



APR 14 2014

5576-3
5576A-3
6654-3

Wendy Storm, Manager
Grant Roberts Rural Water System Inc
PO Box 145
Milbank SD 57252 0145

Dear Ms. Storm:

Enclosed is Water License No. 6654-3. This is the final water right document completing the process of obtaining a Water Right. Included with the license is a map prepared by the staff engineer who conducted the field investigation.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the wells authorized by Water Right No. 6654-3, 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.

The applicable portions of Water Right No. 5576-3 and 5576A-3 were incorporated into Water License No. 6654-3. As long as the rural water system uses the water beneficially, as stated in the Water License, the State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Sincerely,

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

enclosures

**STATE OF SOUTH DAKOTA
WATER LICENSE NO. 6654-3**

(1) Grant-Roberts Rural Water System Inc., PO Box 145, Milbank SD 57252-0145 made Application No. 6654-3, August 30, 2005 for a water permit to divert 0.89 cubic feet of water per second (cfs) from three wells (Antelope Valley Aquifer), located in Grant County, South Dakota and used for rural water system purposes. Permit No. 6654-3, with a priority date of August 30, 2005 was approved November 14, 2005 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before November 14, 2010 and for the application to beneficial use of said water on or before November 14, 2014.

The following water rights and permits are associated with the Grant Roberts Rural Water System:

- Water Right No. 5576-3 incorporated the applicable portions of Water Right No. 4212-3 and authorizes diversion of 2.67 cfs with an annual volume not to exceed 620 acre feet from three wells. Priority dates established under No. 5576-3 are January 6, 1978 (1.15 cfs and 500 acre feet annually) and September 9, 1991 (1.52 cfs and 120 acre feet annually);
- Water Permit No. 5576A-3 authorizes an increase of 454 acre feet of water annually from the existing three wells. No. 5576A-3 also added the town of Wilmot to the distribution system. A priority date of December 1, 2003 is retained.
- Water Permit No. 6654-3 authorizing three additional wells with an increase in the diversion rate of 0.89 cfs with no increase in the annual volume. A priority date of August 30, 2005 is retained.

One of the wells authorized under No. 6654-3 was constructed outside the permitted quarter section. Pursuant to SDCL 46-5-13.1 and ARSD 74:02:01:14.01, the Chief Engineer made a finding that the change in location of the diversion point does not increase the potential for adverse effects to existing diversions.

The applicable portions of Water Right No. 5576-3 and Water Permit No. 5576A-3 are being incorporated into this Water License No. 6654-3. Priority dates are as follows:

- January 6, 1978: 1.15 cfs and 500 acre feet annually;
- September 9, 1991: 1.52 cfs and 120 acre feet annually;
- December 1, 2003: 454 acre feet annually
- August 30, 2005: 0.89 cfs

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the water supply system and is entitled to divert 3.56 cubic feet of water per second for beneficial use with an annual volume of 1,074 acre feet of water.

The location of the diversion points are:

- 2,440 feet north and 245 feet west of the SE corner of Section 10, T119N, R51W (NE ¼ SE ¼);
- 2,530 feet north and 775 feet west of the SE corner of Section 10, T119N, R51W (NE ¼ SE ¼);
- 2,210 feet south and 513 feet west of the NE corner of Section 10, T119N, R51W (SE ¼ NE ¼);
- 2,375 feet north and 805 feet west of the SE corner of Section 10, T119N, R51W (NE ¼ SE ¼);
- 1,605 feet south and 1,575 feet west of the NE corner of Section 10, T119N, R51W (SW ¼ NE ¼);
- 485 feet south and 1,350 feet east of the NW corner of Section 10, T119N, R51W (NE ¼ NW ¼).

continued

(3) The permit holder has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use. Grant-Roberts RWS serves users in Grant, Robert, Codington and Deuel Counties in South Dakota and Lac Qui Parle County in Minnesota. Communities served by the rural water system include South Shore, Stockholm, Strandburg and Wilmot in South Dakota and Marietta and Nassau in Minnesota.

(4) Pursuant to South Dakota Water Law 46-5-30.1 Grant-Roberts Rural Water System Inc., PO Box 145, Milbank SD 57252-0145 the holder and/or owner of Water Right No. 6654-3 is issued a license to appropriate water, the right to use 3.56 cubic feet of water per second, with an annual volume not to exceed 1,074 acre feet of water from ground water (six wells – Antelope Valley Aquifer) with priority dates of January 6, 1978, September 9, 1991, December 1, 2003 and August 30, 2005 from the locations specified in (2) of this license for rural water system purposes.

This license is subject to South Dakota Water Law, any limitations or conditions listed in Incorporated Water Right No. 6654-3 and subject to the following qualifications:

- The wells 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.
- The wells authorized by Permit No. 6654-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with the Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
- Water Right No. 5576-3 and Water Permit Nos. 5576A-3 and 6654-3 combined, authorize a total annual withdrawal of 1,074 acre feet of water.
- That Grant-Roberts Rural Water report annually to the Chief Engineer the amount of water withdrawn each year.



Jeanne Goodman, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

APR 14 2014

date

