

WATER PERMIT NO. 6280-3

Name of Applicant: Clark Rural Water System, Inc.

Address: PO Box 162, Clark SD 57225 Phone: 605 532-5201

Amount of Water Claimed: 0.56 cfs Total Acres: NA

Source of Water Supply: groundwater (one well)

Water to be used for: rural water system use County: Clark

Type of Waste Disposal System:

Location: 5 miles south of Clark

PRIORITY Date Received: 10-26-01 Fee: \$275

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

Remarks:

Diversion Point: NE ¼ SE ¼ Sec 1-T115N-R58W

Land to be Irrigated: NA

Depth of Well: 26 feet

Well Driller: : Lacey Well Drilling

Remarks:

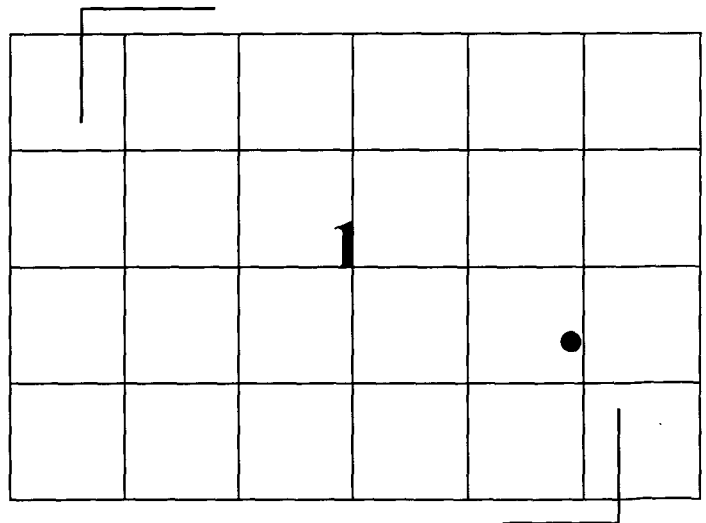
Type of Map: aerial photo

Prepared by: Brenda Wicks, FSA

Reviewed and the Number Assigned on: 10-26-01

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____



SOUTH DAKOTA
WATER PERMIT NO. 6280-3

Date of first receipt of application October 26, 2001.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6280-3 to Clark Rural Water System, Inc., PO Box 162, Clark SD 57225 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. 6280-3 to appropriate 0.56 cubic feet of water per second (243 acre feet of water annually) from one well (Vermillion East Fork – Antelope Lake Aquifer) 30 feet deep located in the NE ¼ SE ¼ Section 1-T115N-R58W.
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 in Clark, Day, Codington, Hamlin and Grant Counties.
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. 6280-3 is December 10, 2001.
5. The date from which applicant may claim right is October 26, 2001.
6. One-fifth of the construction is to be completed on or before June 10, 2004.
7. All construction is to be completed on or before December 10, 2006.
8. Water is to be put to beneficial use on or before December 10, 2010.
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 well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. Water Permit No. 6280-3 authorizes a total annual diversion of 243 acre feet of water.
3. The Clark Rural Water System shall report to the Chief Engineer annually the amount of water withdrawn from the Vermillion East Fork Antelope Lake Aquifer.

WATER MANAGEMENT BOARD

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

JAN 15 2002

date



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>6280-3</u>	(office use only) Hydrologic Unit <u>10170201</u>
	Basin <u>Sioux R</u>	
	Newspaper <u>see list</u>	

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: ☒ **New** ☐ **Vested Right** (Use predates Mar 2, 1955) ☐ **Future Use Reservation**
(check one) ☐ **Place to Beneficial Use Water Reserved by Future Use Permit No.** _____
☐ **Amendment/Correction to Permit No.** _____

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

- Name of Applicant Clark Rural Water System, Inc. Phone 605-532-5201
(check one) ☒ Owner ☐ Tenant/lessee
Mailing Address P.O. Box 162 Clark State South Dakota 57225
(Street, RR, or Box and City) (Zip Code)
- Amount of water claimed 0.56 *CFS or 250 **GPM 243 ***AF
(*Cubic Feet per Second) (**Gallons per Minute) (**Acre Feet - storage capacity of dam/dugout or annual use if applicable)
- Source of water supply groundwater - Vermillion East Fork Aquifer
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) 1 well in the SE 1/4 of
Section 1 - Township 115N Range 58 West of the 5th PM (NE 1/4 SE 1/4)
County Clark
- County or counties where water will be used Clark, Day, Codington, Hamlin and Grant
- Annual period during which water is to be used Continuously Jan. 1 - Dec. 31
- Give a description of the project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

STATE OF SOUTH DAKOTA)
County of Clark 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, Duane C. Stokes for Clark Rural Water System, Inc. 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 Duane C. Stokes

Subscribed and sworn to before me this 24th day of October 2001

My Commission Expires
8-25-2004

James J. Foster
Notary Public signature

Supplemental Information

(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 20 inch Depth 26 feet
- b) Casing Type steel- 13lb/ft Diameter 12 inch Thickness 13 lbs/ft
- c) Screen Type stainless steel Diameter 12 inch Thickness .080 slot
- d) Gravel Pack 1/4 x 1/8 Length of Gravel Pack 12 feet
- e) Depth to Top of Water Bearing Material 8 feet below ground level
- f) Depth to Water (ground surface to water level) 7 feet below ground level
- g) Distance to nearest existing domestic well:
- On applicants property _____ On property owned by others 2100 feet

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 _____

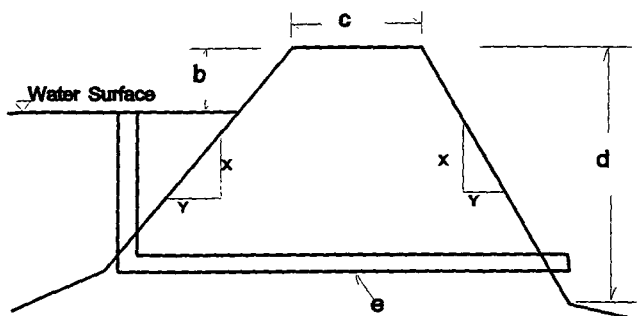
3. Dugout Information

- 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:



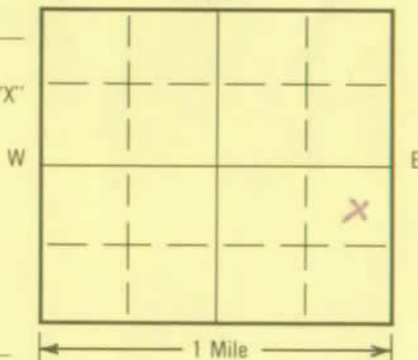
- b) Freeboard _____
- c) Crest Width _____
Crest Length _____
- d) Height _____
- e) Primary Outlet Capacity _____
If pipe, diameter _____
- f) Secondary Spillway Capacity _____
Spillway Width _____
- g) X & Y Slope _____
Upstream _____
Downstream _____
- h) Surface Area of Impoundment _____
- i) Storage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

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NE 1/4 SE 1/4 Sec 1 Twp 115 Rg 58
County CLARK Co. North

Please mark well location with an "X"



Well Completion Date

9-24-01

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 14 m. ft. from creek (identify source).

PROPOSED USE:

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

METHOD OF DRILLING:

Bucket - False CasingCASING DATA: ☒ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>13</u> LB/FT	<u>12</u> IN	<u>+1</u> FT	<u>26</u> FT	<u>20</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>Bentonic</u>	<u>13</u>	<u>5</u> lb./gal	<u>6</u> ft	<u>10</u> ft
_____	_____	_____ lb./gal	_____ ft	_____ ft

Describe grouting procedure Put in before pulling False casing after pit logsSCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 12" IN Length 3 1/2" FEETMaterial Stainless SteelSlot Size .080 Set From 26 Feet to 29 1/2 Feet

Other information _____

WAS A PACKER OR SEAL USED? ☐ YES ☒ NO

If so, what material? _____

Describe packer(s) and location? _____

DISINFECTION: Was well disinfected upon completion?

YES, How: chlorinatedNO, Why Not? ClarkRWS testedwater

Laboratory sent to for water quality analysis

 Well Owner: Clark RWS
 Business Name: Clark RWS
 Address: Box 162
Clark so. Dak. 57225

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>Black Gumbo</u>	<u>0</u>	<u>6</u>
<u>Sandy Clay - wet</u>	<u>6</u>	<u>8</u>
<u>Medium - Coarse Gravel</u>	<u>8</u>	<u>25</u>
<u>Coarse Gravel</u>	<u>25</u>	<u>29 1/2</u>
<u>Blue Clay</u>	<u>29 1/2</u>	

STATIC WATER LEVEL _____ 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:

☒ Pumped Describe: _____☐ Bailed _____☐ Other _____

Pumping Level Below Land Surface

18' ft. After 24 Hrs. pumped 250 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

This well was drilled under license # 111

And this report is true and accurate.

Drilling firm Lacey, Well Drilling

Signature of License Representative: _____

Signature of Well Owner or Equitable Property Holder: _____

Clark Rural Water System, Inc. BYDuane C. StokkenDate: 10-19-01

↑
NORTH

Non-
AG

NC

NC

T10389

28.4

① W/NEL

① 10.1
W/NEL

Non
AG

T10390

③ 15.0 W/NEL

T1903

NC

CRP 98-2007

② 23.0 W/NEL

CRP
98-
2007

CRP
00-
2014

C
00
③A

④

CRP

⑤

6280-3

① 31.3 W/NEL

① 53.3
W/NEL

② 8.9
W/NEL

Clark County FSA Office
400 1st Ave. E - Suite 1
Clark, SD 57225-1501
Phone 605-532-3686

Brenda Wick, PT
SE 1/4 1-115-58

115N-58W-1

3.23 chains, 213'

1512' 800' 800' 800'

RECEIPT

Water Rights Program

South Dakota Department of Environment and Natural Resources

NO 416946

Pierre, October 26, 20 01

RECEIVED OF Clark Rural Water Systems Inc., Box 162, Clark, SD 57225
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 _____	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. _____	50	00
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	325 00

By

Chief Engineer

Daniel E. Erbe
9/11

CLARK RURAL WATER SYSTEM

PO Box 162, Clark, SD 57225-0162

Phone (605) 532-5201
Toll Free 1-800-657-4310
FAX (605) 532-3531



August 30, 2001

Mr. Garland Erbele, Chief Engineer
Water Rights Program
Dept. of Environment and Natural Resources
Joe Foss Building
Pierre, SD 57501

Re: Test Well

Dear Mr. Erbele,

The Clark Rural Water System is requesting permission to drill a test well prior to approval of permit, pursuant to Well Standard 74:02:04:21.

The purpose of this test well is for aquifer / production testing in the SW 1/4 of Section 6, Township 116N, Range 57W.

Clark Rural Water will be applying for a permit to appropriate water providing the results of the testing are favorable.

Thank you for your attention in this matter,

A handwritten signature in black ink, appearing to read "Duane C. Stokes".

Duane C. Stokes, Mgr.
Clark Rural Water System, Inc.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

September 4, 2001

Duane Stokes, Mgr.
Clark Rural Water System, Inc.
PO Box 162
Clark, SD 57225-0162

Dear Mr. Stokes:

As requested, pursuant to South Dakota Well Construction Standard 74:02:04:21, you are authorized to construct a second test well for aquifer/production testing in the SW $\frac{1}{4}$ of Section 6, T116N-R57W. The test well must be constructed in accordance with the SD Well Construction Standards. Any test holes that are abandoned must be plugged pursuant to the SD Well Construction Standards.

Very truly yours,

JAMES A. GOODMAN, P.E.
Natural Resources Engineer
for GARLAND ERBLE, Chief Engineer
Water Rights Program
(605) 773-3352

Water Rights Program - DENR
Conversation File Documentation

NAME OF PERSON OR FILE: Water Permit Application No. 6280-3, Clark RWS

ADDRESS: PO Box 162, Clark SD COUNTY:

DATE: October 29, 2001 TELEPHONE: 532-5201

RE: Telephone Conversation with Duane Stokes

COMMENTS:

Called Mr. Stokes to find out the acre feet of water planned to be used annually under pending Application No. 6280-3. I explained the general 60% pumping rule. With a diversion rate of 250 gpm this would equate to 243 acre feet of water being used annually. Mr. Stokes concurred and requested that the application be amended accordingly.

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: Eve Hurlund

REPORT ON WATER PERMIT APPLICATION NO. 6280-3
for Clark Rural Water System, Inc.
November 7, 2001

Application No. 6280-3 proposes to appropriate 0.56 cfs (250 gpm) from one well approximately 30 feet deep located in the NE 1/4 SE 1/4 of section 1, T115N R58W in Clark County. The water is for rural water system use in Clark, Day, Codington, Hamlin, and Grant Counties.

AQUIFER - VERMILLION EAST FORK - ANTELOPE LAKE (VEF-AL)

The Vermillion East Fork Antelope Lake aquifer is a surficial outwash (sand and gravel) which is under water table conditions in the area of this application. The aquifer consists of collapsed outwash of glaciofluvial origin (Christensen, 1987). The aquifer underlies 34,400 acres and contains an estimated 77,400 acre feet of recoverable water in storage in Clark County (Hedges, 1982). The USGS estimated the aquifer to underlie 51,200 acres and contains an estimated 200,000 acre feet of water in storage (Hamilton, 1986). The difference in these two estimates can be attributed to a better aquifer map in the Hamilton report and the fact that the USGS estimate is total water in storage rather than recoverable water from storage. The aquifer is hydraulically connected to area lakes and sloughs which are probably discharge areas for ground water. Recharge is primarily from infiltration of rainfall and snowmelt directly into the aquifer. Estimates of recharge rates range from 3.0 inches per year (Hedges, 1982) to 3.8 inches per year (Hamilton, 1986). A good map showing the area of the Vermillion East Fork aquifer (or as Hamilton named it Prairie Coteau aquifer 1) is on page 13 of the Hamilton report.

The driller's log filed with the application indicates sand from six feet to a depth of eight feet followed by medium gravel from eight to 25 feet and coarse gravel from 25 feet to 29.5 feet all below land surface. The well had a static water level of seven feet and was capable of producing 250 gpm with 11 feet of drawdown. This equates to a specific capacity of about 23 gpm/ft of drawdown.

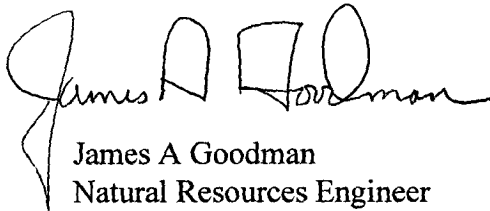
The Water Rights Program does monitor five observation wells completed into the Vermillion East Fork aquifer in this area. One of these observation wells, CK-78Q is located within one quarter mile of this application. Two other observation wells, CK-78P and CK-78R, are located about one mile north and one mile south of this application site respectively. Water levels for these wells show good response to climatic conditions, that is, rising water levels during wet years (recharge) and gradually declining water levels during dry years. The water level record indicates that the aquifer is capable of sustaining additional withdrawals (Water Rights, 2001). Hydrographs for these observation wells are included with this report.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

The nearest existing water right is No. 4384-3A which includes well #2 for Clark Rural Water. Well #2 is located about 1950 feet south of this application. There is also an irrigation water right No. 2533-3 with a diversion point located about 1900 feet south of this application. Interference is not a concern. Drawdown does occur in this area as shown by the hydrograph for observation well CK-78Q but the climatic changes appear to be more significant than the pumping effects. If anything adding the diversion point to the north should help the rural water system spread out and possibly manage the drawdown in the area of well #2 in the event of serious prolonged drought.

CONCLUSIONS

1. Water is available from the Vermillion East Fork Antelope Lake aquifer.
2. The aquifer is under water table conditions in this area. Interference is not expected to be a concern. Drawdown does occur but the effects of climatic conditions are far more obvious than pumping.
3. This well has been constructed in accordance with SD Well Construction Standards.
4. Approval of this application allows the diversion of 250 gpm with a probable annual water use of about 243 acre feet per year.

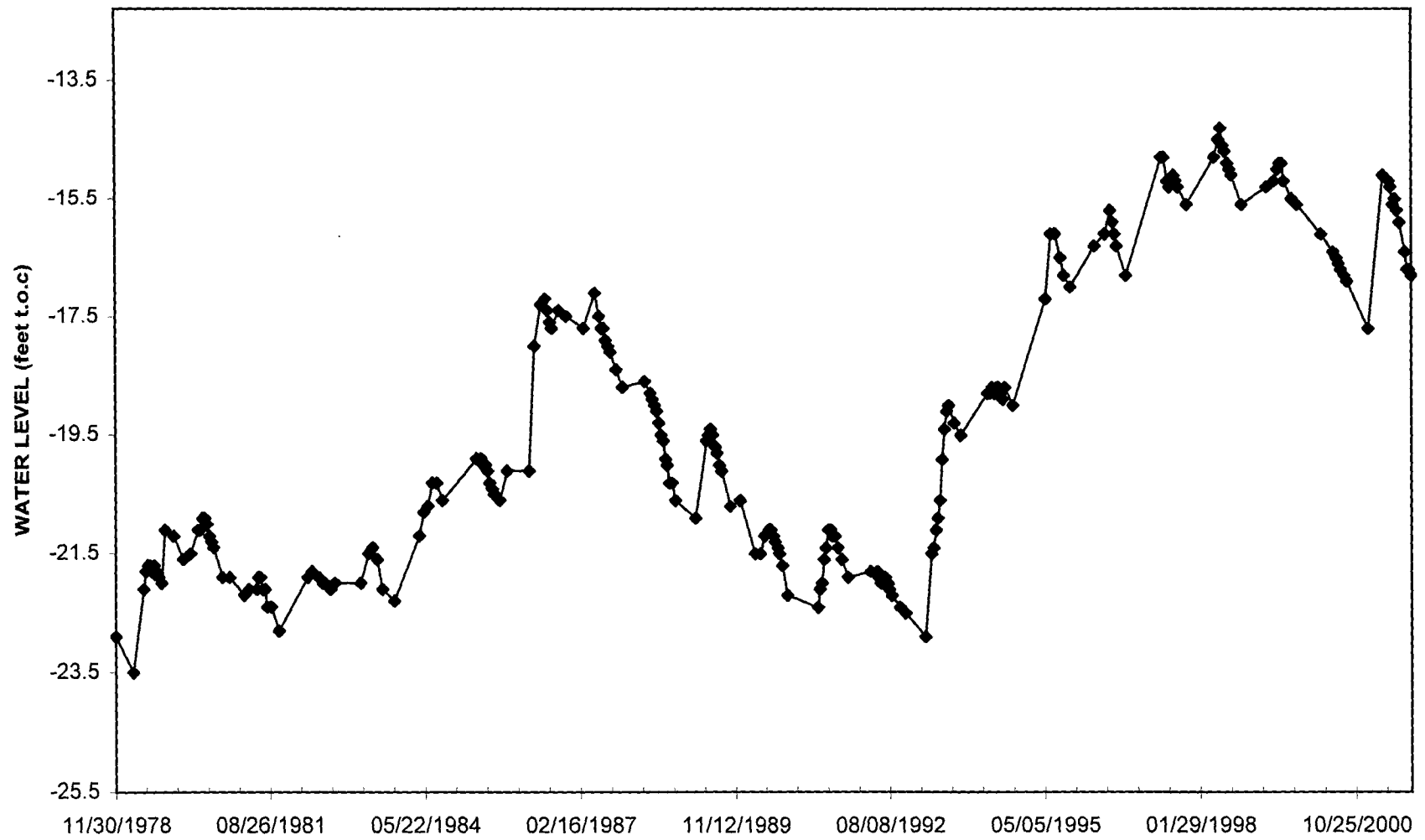


James A Goodman
Natural Resources Engineer

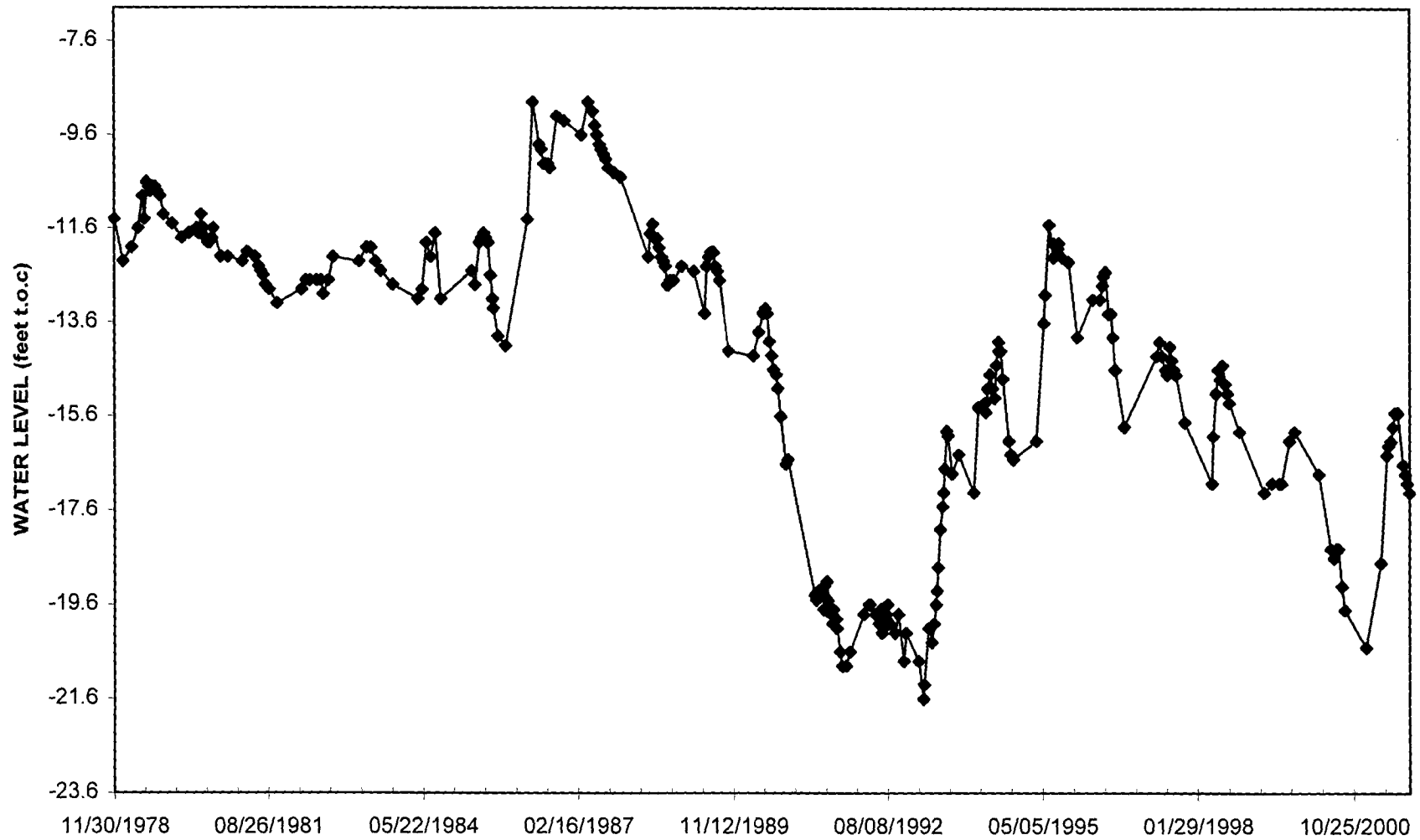
BIBLIOGRAPHY

- Christensen, C.M., 1987, Geology and Water Resources of Clark County SD, Part 1 : Geology, SDGS Bulletin 29, SD DENR, SDGS, Vermillion, SD, 57069.
- Hamilton, L.J., 1986, Geology and Water Resources of Clark County, SD, Part II: Water Resources, SDGS. Bulletin 29, SD DENR, SDGS, Vermillion, SD, 57069.
- Hedges, L.S., etal., 1982, Evaluation of Ground-Water Resources Eastern SD and Upper Big Sioux River, SD and Iowa, for US Army Corps of Engineers, SD DENR, SDGS, Vermillion, SD, 57069.
- Water Rights, 2001, Unpublished Observation Well Data for Clark County, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

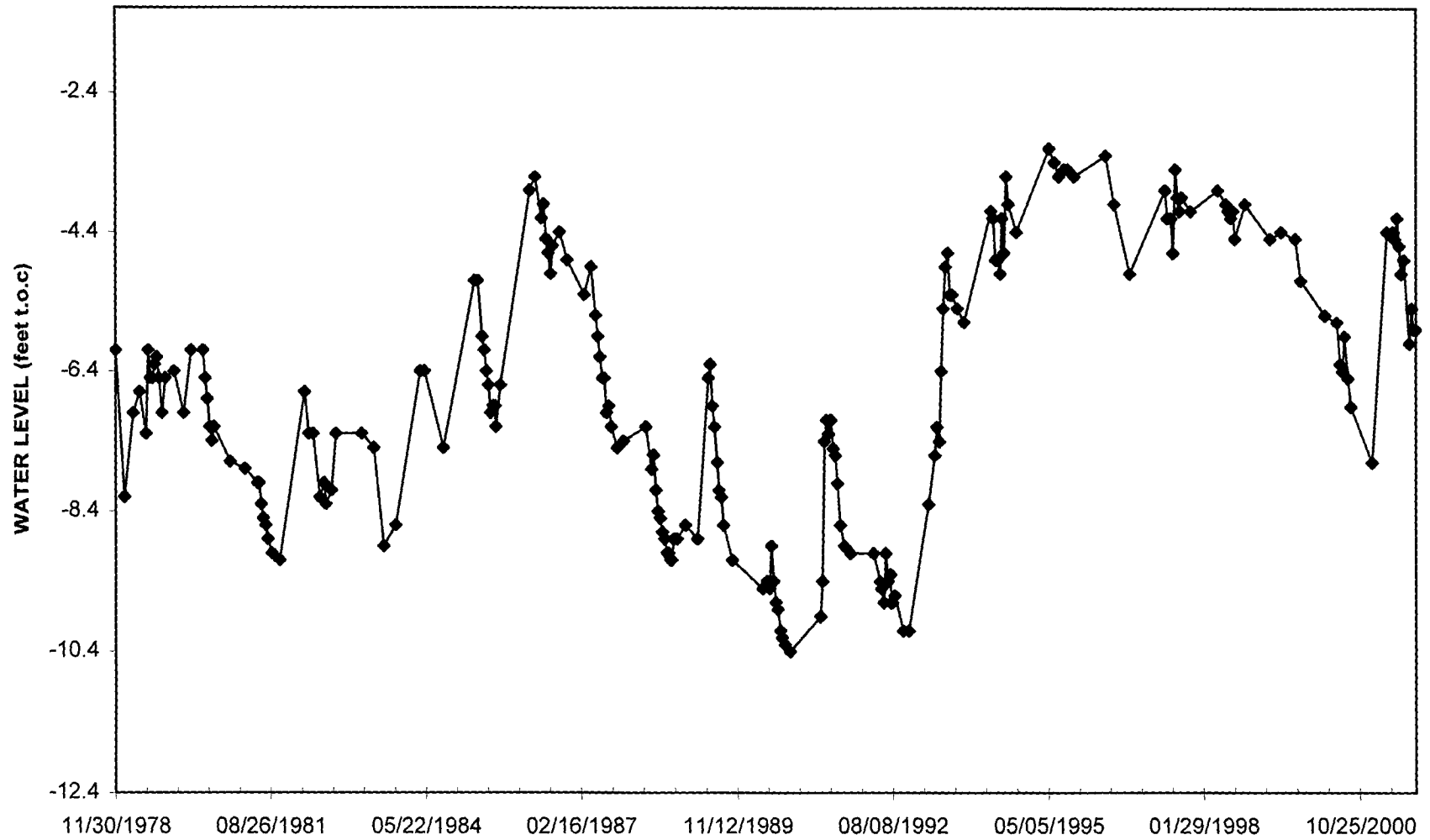
**WATER RIGHTS' OBSERVATION WELL
CK-78P**



**WATER RIGHTS' OBSERVATION WELL
CK-78Q**



WATER RIGHTS' OBSERVATION WELL
CK-78R





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
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www.state.sd.us/denr

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 6280-3, Clark Rural Water System, Inc.**

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. 6280-3, Clark Rural Water System, Inc., c/o Duane C. Stokes, P.O. Box 162, Clark SD 57225.

The Chief Engineer is recommending APPROVAL of Application No. 6280-3 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 well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. Water Permit No. 6280-3 authorizes a total annual diversion of 243 acre feet of water.
3. The Clark Rural Water System shall report to the Chief Engineer annually the amount of water withdrawn from the Vermillion East Fork Antelope Lake Aquifer.

See report on application for additional information.

Garland Erbele, Chief Engineer
November 8, 2001

**NOTICE OF APPLICATION NO.
6280-3 to Appropriate Water**

Notice is given that Clark Rural Water System, Inc., P.O. Box 162, Clark, SD 57225 has filed an application for a water permit to appropriate 0.56 cubic feet of water per second (243 acre feet of water annually) from one well (Vermillion East Fork - Antelope Lake Aquifer) 30 feet deep located in the NE1/4SE1/4 Section 1-T115N-R58W. The water is for rural water system use in Clark, Day, Codington, Hamlin and Grant Counties.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6280-3 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 Dec. 10, 2001.

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

11-21-21

Affidavit of Publication

State of South Dakota

§

County of Clark

William J. Krikac of said county, being first duly sworn, on oath says that he is the publisher of the **Clark County Courier**, a weekly newspaper printed and published in Clark in said County of Clark and has a full and personal knowledge of all the facts therein stated; that said newspaper is a legal newspaper and has a bona-fide circulation of a least two hundred copies weekly, and has been published within said County for fifty-two 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 APPLICATION
TO APPROPRIATE WATER**

a printed copy of which, taken from the paper in which 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

(two)

successive weeks, on the day of each week on which said newspaper was regularly published, to-wit:

**November 21, 2001
November 28, 2001**

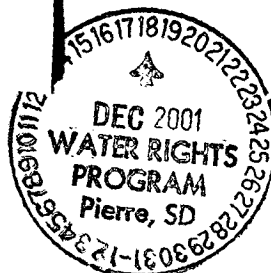
that the full amount of the fees for the publication of the annexed notice is

\$37.62

William J. Krikac

Subscribed and sworn to before me this

14th day of December, 2001



Kimberly L. Seefeldt

Notary Public
Clark County, South Dakota

My commission expires: 10-02-07

Printer's Affidavit of Publication

STATE OF SOUTH DAKOTA
COUNTY OF GRANT

} ss.

Clarence Justice

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, Associate Editor 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. 6280-3 To Appropriate Water

Application No. 6280-3 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>November 20 01</u>	<u>20</u>
<u>November 28 2001</u>	<u>20</u>
<u>20</u>	<u>20</u>

That \$ 38.74, 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.

Clarence Justice

Subscribed and sworn to before me 29th this day of Nov 20 01

Debra L. Hemmer

Notary Public, Grant County, South Dakota

DEBRA HEMMER
Notary Public, GRANT COUNTY, S. DAK.
My Commission Expires OCT 27, 2003



NOTICE OF APPLICATION NO. 6280-3 TO APPROPRIATE WATER

Notice is given that Clark Rural Water System, Inc., PO Box 162, Clark, SD 57225 has filed an application for a water permit to appropriate 0.56 cubic feet of water per second (243 acre feet of water annually) from one well (Vermillion East Fork-Antelope Lake Aquifer) 30 feet deep located in the NE 1/4 SE 1/4 Section 1-T115N-R58W. The water is for rural water system use in Clark, Day, Codington, Hamlin and Grant Counties.

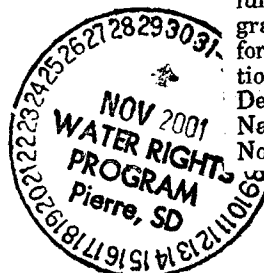
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The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the 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.

Nov. 21

Nov. 28



PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)

County of Hamlin) SSI, Lyle Anne Archer

certify that the attached printed Notice was taken

from the Hamlin CountyHerald Enterpriseprinted and published in HamlinCounty of Hayti and

state of South Dakota. The notice was published

in the newspaper on the following two dates:

Nov. 21, 2001Nov. 28, 2001Cost of Printing 41.61Lyle Anne Archer

(Signature)

Owner

(Title)

11-30-01

(Date Signed)

"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 December 10, 2001.

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Steven M. Pirner, Secretary,
Department of Environment and
Natural Resources.

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NOTICE OF APPLICATION NO. 6280-3 TO APPROPRIATE WATER

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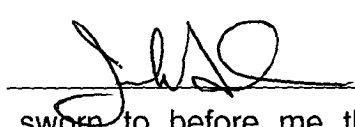
AFFIDAVIT OF PUBLICATION

County of Day }
State of South Dakota, } ss.

John Suhr, of said county and state being duly sworn on oath, says: That the Reporter & Farmer is a legal weekly newspaper of general circulation, and an official newspaper as required by Session Laws of 1893, printed and published in Webster, in said county and state, by the Day County Printing Company and has been such newspaper during the time hereinafter mentioned, that I, John Suhr, the undersigned, am publisher of said newspaper, and have personal knowledge of all facts stated in this affidavit and that the advertisement headed Notice of Application to Appropriate Water, Clark Rural Water, a printed copy of which is hereunto attached, was printed and published in the said newspaper two successive and complete issues as follows:

First Publication	Nov. 19, 2001;
Second Publication	Nov. 26, 2001;
Third Publication	;
Fourth Publication	;
Fifth Publication	;

That the full amount of fees for publication of the annexed notice is \$45.61 and inures solely to the Reporter & Farmer, published by The Day County Printing company, that no arrangement or understanding for a division thereof has been made with any other person, and that no part thereof has been agreed to be paid any person whomsoever.


Subscribed and sworn to before me this 26th day of November, 2001.

LeAnn M. Suhr
Day County, South Dakota
My Commission Expires May 15, 2005


Notary Public, Day County, South Dakota

Notice of application Clark, Day, C

(First Nov. 19)

NOTICE OF APPLICATION NO. 6280-3 TO APPROPRIATE WATER

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Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of



Application to appropriate water for use in Sedgewick, Hamlin and Grant counties

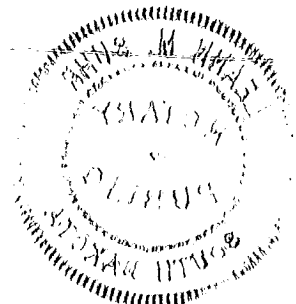
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Steven M. Pirner, Secretary
Department of Environment
and Natural Resources
(Last Nov. 26)



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:

November 19th, 2001

November 26th, 2001

Cost of Printing \$86.46

Monica K. Saathoff
 (Signature)

Bookkeeper

(Title)

November 26th, 2001

(Date Signed)

CLARK**NOTICE OF APPLICATION NO.
6280-3 TO APPROPRIATE
WATER**

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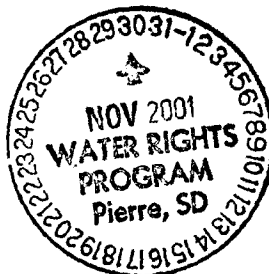
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Steven M. Pimer, Secretary
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(November 19, 26, 2001)



\$ 86.46



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

November 9, 2001

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

ATTENTION: Legal Public Notice

Enclosed is a Notice of Hearing on Application No. 6280-3 to Appropriate Water to be published twice. Please publish the first notice on November 21, 2001 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 Clark Rural Water Systems Inc., % Duane C Stokes, PO Box 162, Clark, SD 57225 (Ph # 605-532-5201).

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.

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Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

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

No. 6280-3

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

Date _____

We are in receipt of your letter of November 9, 2001 enclosing Notice of Hearing to Appropriate Water by Application No. 6280-3 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

November 9, 2001

Hamlin Co. Herald Enterprise
Box 207
Hayti, SD 57241-0207

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and NATURAL RESOURCES

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

November 9, 2001

Public Opinion
PO Box 10
Watertown, SD 57201-0010

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and NATURAL RESOURCES

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

November 9, 2001

Clark Co. Courier
117 1st Ave E
Clark, SD 57225

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enclosures

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and NATURAL RESOURCES

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

November 9, 2001

Reporter & Farmer
Box 30
Webster SD 57274-0030

ATTENTION: Legal Public Notice

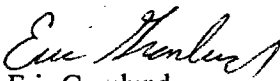
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and NATURAL RESOURCES**

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

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

November 9, 2001

Clark Rural Water System, Inc.
Attn: Duane C. Stokes
PO Box 162
Clark, SD 57225

Dear Mr. Stokes:

Water Permit Application No. 6280-3 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 Publisher of the Clark Co. Courier printed at Clark, SD (Ph # 605-532-3654), the Reporter & Farmer printed at Webster, SD (Ph # 605-345-3356), the Public Opinion printed at Watertown, SD (Ph # 605-886-6901), the Hamlin Co. Herald Enterprise printed at Hayti, SD (Ph # 605-783-3636), and the Grant Co. Review printed at Milbank, SD (Ph # 605-432-4516). 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 of Hearing 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 with the last publication to occur twenty days before the board meeting. 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.

Instruction to Newspaper - Publish first Notice on November 21, 2001 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6280-3 to Appropriate Water

Notice is given that Clark Rural Water System, Inc., PO Box 162, Clark SD 57225 has filed an application for a water permit to appropriate 0.56 cubic feet of water per second (243 acre feet of water annually) from one well (Vermillion East Fork – Antelope Lake Aquifer) 30 feet deep located in the NE ¼ SE ¼ Section 1-T115N-R58W. The water is for rural water system use in Clark, Day, Codington, Hamlin and Grant Counties.

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JAN 15 2002

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

Clark Rural Water System, Inc.
Duane C. Stokes
PO Box 162
Clark, SD 57225

Dear Mr. Stokes:

Enclosed is Water Permit No. 6280-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

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

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

Sincerely,

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

enclosures

Permit No. 6280-3
Big Sioux 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 this day, **October 24, 2013**, made a thorough examination of the water use system constructed by **Clark Rural Water System Inc.** of **PO Box 162 Clark, SD** holder of Permit No. **6280-3**, bearing the priority of **October 26, 2001** authorizing the diversion of **0.56** cu. ft. per second of the waters of the **Antelope Lake management unit of the Vermillion East Fork aquifer** for **rural water system** purposes, in **Clark** County.

Inspection contact & relationship to permit holder, if applicable: **Duane Stokes, Manager**

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

- A. Works used to divert the water: **One well with a submersible pump and motor that is capable of pumping at 230 gpm (0.51 cfs)**
- B. Works used to transport water to place of use: **Well head is approximately 2,100 feet from water treatment plant. Water is conveyed from the well to the plant through buried 6 inch PVC**
- C. Works used to apply water to beneficial use: **Buried PVC lines of 10, 8, and 6 inch leave the plant to distribute water to the systems customers, including the towns of Raymond, Henry, Clark, Bradley, and Wallace, and Clark, Day, Codington, Hamlin, and Grant counties.**

The system is in the following condition: **Good**

The point of diversion is located **NE ¼ SE ¼ Section 1-T115N-R58W (215 feet west and 1,550 feet north of the southeast corner of the section); 44.7946° N, 97.7358° W**

The works are capable of diverting and conveying to the place of use **0.51** cu. ft. per second of water up to **243** acre-feet annually, which is to be used for **rural water system** purposes supplying the above listed towns and rural customers in the above listed counties.

Applicable permit qualifications have been complied with: **Yes**

The license should be issued for **0.51 cfs and 243 acre-feet annually**.

Date: **June 18, 2014**



(Signature)

REPORT ON INSPECTION OF PERMIT NO. 6280-3

DATE: 10/24/2013

Other permit(s) associated with the project: 4927-3, 5606-3, 5974-3, 5974A-3, 6595-3

DIVERIONS POINT LEGAL LOCATION: NE ½ SE ¼ Section 1-T115N-R58W (215 feet west and 1,550 feet north of the southeast corner of the section); 44.7946° N, 97.7358° W

WELL INFORMATION:

- 1) Well Drilling Firm: **Lacey Well Drilling**
- 2) No. of Wells: **1**
- 3) Depth(s) (feet): **29.5 feet**
- 4) Well Log is available (Y/N): **Yes, in well log database and in permit file**

Casing:

- 1) Diameter (inches): **12 inch**
- 2) Length (feet): **27 feet**
- 3) Type: **Steel**

Screen:

- 1) Type: **Stainless Steel**
- 2) Length (feet): **3.5 feet**
- 3) Static water level (feet): **7 feet below ground surface**

Pump and Motor:

- 1) Make: **Grundfos**
- 2) Model: **230s100-3**
- 3) Size (inches): **6 inch**
- 4) Capacity (GPM): **230 gpm**
- 5) Horsepower rating (hp): **10 hp**

DISTRIBUTION LINES OR CANALS:

- 1) Type: **PVC, buried**
- 2) Size inches: **6 inch to treatment plant; 10, 8, and 6 inch from treatment plant to users**
- 3) Length feet: **from well to treatment plant: 2,100 feet**

PERMIT QUALIFICATIONS AND REGULATIONS:

- 1) Special qualifications to permit being abided by Y/N: **Yes**
- 2) All structures, wells and lands on map Y/N: **Yes**

Clark Rural Water

From: <Rob.Kittay@state.sd.us>
To: <crws@itctel.com>
Cc: <DENRPIERREDW@state.sd.us>; <Mike.Pederson@state.sd.us>
Sent: Friday, April 30, 2010 2:17 PM
Subject: population figures
 1068 hookups X 2.5 people per hookup = 2670 - 540 people served by Kampeska plant =
 2130 people these are is your retail customers

(2130 Retail Pop served by Clark RWS (0881)
 86 Raymond
 268 Henry
 1285 Clark
 112 Bradley
 86 wallace

3967 Total served by Clark RWS 0881

I will take you off of the list of systems performing 4 log inactivation until I hear from you that continuous chlorination has been installed.

Here is a copy of the regs concerning this-

(3) *Monitoring requirements.* A ground water system subject to the requirements of paragraphs (a), (b)(1) or (b)(2) of this section must monitor the effectiveness and reliability of treatment for that ground water source before or at the first customer as follows:

(i) *Chemical disinfection* -(A) *Ground water systems serving greater than 3,300 people. A ground water system that serves greater than 3,300 people must continuously monitor the residual disinfectant concentration* using analytical methods specified in §141.74(a)(2) at a location approved by the State and must record the lowest residual disinfectant concentration each day that water from the ground water source is served to the public. The ground water system must maintain the State-determined residual disinfectant concentration every day the ground water system serves water from the ground water source to the public. If there is a failure in the continuous monitoring equipment, the ground water system must conduct grab sampling every four hours until the continuous monitoring equipment is returned to service. The system must resume continuous residual disinfectant monitoring within 14 days.

Rob Kittay-R.S.
 Drinking Water Program
 605-773-4208
 605-773-5286 Fax
 OpCert Web Site-<http://denr.sd.gov/des/dw/opcertqa.aspx>

Invoice

In Water Since 1946

8684

LACEY WELL DRILLING

RR 1 - Box 24
Dell Rapids, SD 57022
Telephone (605) 428-5979

Sold To CLARK RWS

DATE	10-17-01
CUSTOMER'S ORDER NO.	
SHIP TO	

SOLD BY	CASH	C.O.D.	CHARGE	ON ACCT.	MDSE. RETD.	PAID OUT	
QUANTITY	DESCRIPTION					PRICE	AMOUNT
	PVC pipe worked on at MAlloye 17' x 3" x 180						172 00
	10HP 3stage 230S100-3 Grundfos						2000 00
2	SS 3" Certain fast 1/2 pipe w/ Freight						190 00
2	3" Caster						30 25
18'	x 12-3 Flat wome w/ 4 splices						20 25
	3" MAA pitless + pull pipe						800 00
	1 3" SS 1/2 nipple + 3" SS coupler + Freight						100 00
	7 hrs Time Travel						350 00
							3663 50
							167 67
							3831 17

All claims and returned goods must be accompanied by this bill.

TERMS: Net Cash 30 Days — 1% Service Charge Per Month on Accounts 30 Days Past Due.

RECEIVED BY _____

Dear Karen,

The information requested in Mr. Duvall's letter dated January 9th, 2013 follows:

Permit # 5974A-3 Total: 196,484,000 gallons

CRWS Well #1 - SE1/4 of SE1/4 Section 25, T116, R 58 21,103,000 gallons

CRWS Well #2 – NE1/4 of NE1/4 Section 12, T 115, R 58 125,321,000 gallons

CRWS Well #3 - SW1/4 of SW1/4 Section 7, T 115, R 57 50,060,000 gallons

Permit # 5606-3 Total: 3,845,000 gallons

CRWS Well #4 – SE 1/4 of NE 1/4 Section 36, T116, R58

Permit # 5974-3 Total: 22,641,000 gallons

CRWS Well #5 - SW 1/4 of SE 1/4 Section 25, T116, R58

Permit # 6280-3 Total: 29,136,000 gallons

CRWS Well #6 - NE 1/4 of SE 1/4 Section 1, T 115, R58

**Total diversion from the Vermillion East Fork Aquifer – Antelope Lake Unit
for 2012: 252,106,000 gallons**

Permit #6595-3 Total: 35,310,000 gallons

CRWS Kampeska Well # 1 NW ¼ SE ¼ Section 9-T118N-R52W

CRWS Kampeska Well # 2 Stand-by

Total diversion from Big Sioux: North Aquifer in 2012

Sincerely,

Duane Stokes, Mgr.
Clark Rural Water System, Inc.

REPORT OF WATER ANALYSIS

01-0655

Water Quality Laboratory Water Resources Institute South Dakota State University

Ag Engineering 211 -- Box 2120 Brookings, SD 57007 -- Phone (605) 688-4910 Fax (605) 688-4917 -- Email nancy_stuefen@sdsu.edu

Bill to: Clark Rural Water System

PO Box 162

Clark, SD

57225

Submitted by: Clark Rural Water System

PO Box 162

Clark, SD

57225

Lab Sample #: 01-0655

Site Name:

Date Rec'd: 09/17/2001

Date out of lab: 10/18/2001

Source: New Well #6

County:	Date sampled:	Time sampled:	
Hardness (EDTA as CaCO ₃)	390 ppm		22.813 gpg
Calcium (Ca)	97.00 ppm		4.850 meq/l
Magnesium (Mg)	36.00 ppm		2.952 meq/l
Sodium (Na)	21.00 ppm		0.913 meq/l
Potassium (K)	5.30 ppm		0.138 meq/l
Total Cations			8.85 meq/l
Alkalinity (Methyl Orange)	328.00 ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0.01 ppm (as CaCO ₃)		
Bicarbonate (HCO ₃)	400.23 ppm		6.56 meq/l
Carbonate (CO ₃)	0.01 ppm		0.00 meq/l
Boron (B)	ppm		
Sulfate (SO ₄)	147.00 ppm		3.061 meq/l
Nitrate as N (NO ₃)	0.03 ppm		0.002 meq/l
Chloride (Cl)	2.00 ppm		0.056 meq/l
Total Anions			9.680 meq/l
Electrical Conductivity	742 Micromhos per cm at 25 degrees C		
pH	7.22		
Iron (Fe)	0.23 ppm		
Manganese (Mn)	0.43 ppm		
Total Phosphorus	ppm		
Total Dissolved Phosphorus (prefiltered)	ppm		
Ortho Phosphorus	ppm		
Nitrite as N (NO ₂)	ppm		
Ammonia Nitrogen as N	ppm		
Total Kjeldahl Nitrogen (TKN)	ppm		
Organic Nitrogen as N	ppm		
Total Solids	ppm		
Total Dissolved Solids (TDS)	ppm		
Total Suspended Solids (TSS)	ppm		
Salinity	ppt		
Fluoride (F)	ppm		
		Sodium	% of Cations
		Sodium Adsorption Ratio (SAR)	0.46
		Adjusted SAR	1.16
		Residual Sodium Carbonate	meq/l

Service Performed:

Analysis by: Shirley Mittan

Analysis Cost:

92.00

Sales Tax:

5.52

Total Cost:

97.52

Amount Received:

Amount Due: 97.52

Make checks payable to:

SDSU Water Quality Lab

Please write lab number on your check!

Comments:

WELL #6

Lab sample # 01-0655

gpg = grains per gallon ppm = parts per million meq/l = milliequivalents per liter

Water Permit No. 6280-3
Clark RWS



0 0.1 0.2 0.4 Miles



Adam Mathiowetz
Prepared By:
Adam Mathiowetz

June 17, 2014
Date



**DEPARTMENT OF ENVIRONMENT
and NATURAL RESOURCES**

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



JUL 07 2014

6280-3

Terry Kautman, Mgr
Clark Rural Water System Inc
PO Box 162
Clark SD 57225 0162

Dear Mr. Kautman:

Enclosed is Water License No. 6280-3. 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 well authorized by Water Right No. 6280-3, 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.

Sincerely,

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

enclosures

**STATE OF SOUTH DAKOTA
WATER LICENSE NO. 6280-3**

(1) Clark Rural Water System Inc., PO Box 162, Clark SD 57225 made Application No. 6280-3, October 26, 2001 for a water permit to divert 0.56 cubic feet of water per second (243 acre feet annually) from ground water (one well, Vermillion East Fork –Antelope Lake Aquifer), Clark County, South Dakota for rural water system purposes. Permit No. 6280-3, with a priority date of October 26, 2001 was approved December 10, 2001 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before December 10, 2006 and for the application to beneficial use of said water on or before December 10, 2010.

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 0.51 cubic feet of water per second for beneficial use.

The location of the diversion point is 215 feet west and 1,550 feet north of the SE corner of Section 1, T115N, R58W (NE ¼ SE ¼).

(3) The permit holder has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use. The rural water system serves users in Clark, Day, Codington, Hamlin and Grant Counties including the communities of Raymond, Henry, Clark, Bradley and Wallace.

(4) Pursuant to South Dakota Water Law 46-5-30.1 Clark Rural Water System Inc., PO Box 162, Clark SD 57225 the holder and/or owner of Water Right No. 6280-3 is issued a license to appropriate water, the right to use 0.51 cubic feet of water per second (243 acre feet annually) from ground water (one well, Vermillion East Fork –Antelope Lake Aquifer) with a priority date of October 26, 2001 from the location 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 Water Right No. 6280-3 and subject to the following qualifications:

- The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
- Water Right No. 6280-3 authorizes a total annual diversion of 243 acre feet of water.
- The Clark Rural Water system shall report to the Chief Engineer annually the amount of water withdrawn from the Vermillion East Fork Antelope Lake Aquifer.



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

JUL 07 2014

date



CLARK RWS

5606-3 5974-3
5974A-3 6280-3
8360-3

4384-3: VEF:AL 2.0 cfs 2 new wells
#1 SE ¼ SE ¼ Sec 25-T116N-R58W
#2 NE ¼ NE ¼ Sec 12-T115N-R58W
#4 W ½ SW ¼ Sec 7-T115N-R57W

- Originally requested 2.4 cfs from 4 wells. Well sites # 2 (SW ¼ NE ¼ Sec 31-T116N-R57W) & #3 (W ½ SW ¼ Sec 7-T115N-R57W) removed and reduced to 2.0 cfs per 1980 letter.
- Incorporated into 5974A-3.**

4348-3A: VEF:AL n/a CFS 1 new well
#3 NE ¼ NE ¼ Sec 12-T115N-R58W

- Adding additional diversion point, no increase to diversion rate.
- Incorporated into 5974A-3.**

4927-3: VEF:AL **FUTURE USE 221 ac-ft remaining**
Area: W ½ Sec 31-T116N-R57W
E ½ Sec 36-T116N-R58W

5606-3: VEF:AL 0.49 cfs (213 ac-ft) 1 new well
#5 SE ¼ NE ¼ Sec 36-T116N-R58W

- Placement of water to beneficial use from **FU No. 4927-3**

mapped as #4

5974-3: VEF:AL 1.56 cfs (675 ac-ft) 1 new well
#6 E ½ NE ¼ Sec 12-T115N-R58W

- Well moved from original location in SW ¼ SE ¼ Sec 25-T116N-R58W

mapped as #5

5974A-3: VEF:AL 2.62 cfs 3 existing wells + 1 new well
#1 E ½ NE ¼ Sec 12-T115N-R58W
#3 (2) NE ¼ NE ¼ Sec 12-T115N-R58W
#4 (3) SW ¼ SW ¼ Sec 7-T115N-R57W
#7 SE ¼ SE ¼ Sec 25-T116N-R58W

mapped as #s
1, 2, 3, 7

- Well #1 moved from original location in SE ¼ SE ¼ Sec 25-T116N-R58W
- Permit says Wells 1, 3, and 4 are capable of 2.62 cfs but permitting under 4384-3 & 5974A-3 only has 2.22 cfs
- Well #4 developed in SW ¼ SW ¼
- Incorporated 4384-3 & 4348-3A
- License re-named wells #2 is actually #3 & #3 is actually #4.
- Well #7 was requested to be added to the same location Well #1 was previously at.

6280-3: VEF:AL 0.51 cfs (243 ac-ft) 1 new well
#8 NE ¼ SE ¼ Sec 1-T115N-R58W

mapped as #6

8360-3: VEF:AL Authorized connection of Wells #1-8 to other users.

8/28/25





116-58-25-SE

PERMIT # 5974-3
Future Well # 8
PERMIT # 5974A-3 Well #7

116-58-36-NE

PERMIT # 5974A-3 well # 4

WALTER LEWIS

MARK LEWIS

115-58-1-SE

well #6

31.59

31.36

PERMIT # 5974A-3 Well #2

22.62

well #1

CLARK TREATMENT PLANT

well #5

PERMIT # 5974-3

PERMIT # 5974A-3

16

13.46

115-58-12-NE

PERMIT # 5974A-3

well #3

115-57-7-SW

Stairs Slough State Public Shooting Area

Lamb Water Pro Ar

Image © 2025 Airbus



116-58-25-SE

Future Well # 8

Well #7

well # 4

115-58-36

115-58-1

well #6

CLARK TREATMENT PLANT

Well #2

well #1

well #5

115-58-12

well#3

Stairs Slough State P

Dewell, Amanda

From: Mathiowetz, Adam (DENR)
Sent: Wednesday, September 3, 2025 10:58 AM
To: Dewell, Amanda
Subject: FW: [EXT] Clark RWS current permitting and capacity
Attachments: Screenshot 2025-08-28 164854.png

Can you please add this along with this email chain to the Clark RWS permit files? If you think we need a file doc, let me know and I will try to get one done this week.

Thank you.



Adam Mathiowetz, PE
Engineer, Water Rights Program
Department of Agriculture and Natural Resources
523 E. Capitol Ave. Pierre SD, 57501
605.773.3352
danr.sd.gov

From: crws@itctel.com <crws@itctel.com>
Sent: Thursday, August 28, 2025 4:54 PM
To: Mathiowetz, Adam (DENR) <Adam.Mathiowetz@state.sd.us>
Subject: Re: [EXT] Clark RWS current permitting and capacity

Here is a little cleaner map.

Terry Kaufman
Clark Rural Water System
605-532-5201
605-881-4364
Crws@itctel.com

From: Mathiowetz, Adam (DENR) <Adam.Mathiowetz@state.sd.us>
Sent: Thursday, August 28, 2025 3:19 PM
To: crws@itctel.com <crws@itctel.com>
Cc: Dewell, Amanda <Amanda.Dewell@state.sd.us>
Subject: RE: Clark RWS current permitting and capacity

Terry,

Below is the table of your wells as numbered on the map you provided and what permit the well is associated with based on our review of your various permit files included all of the change of diversion point and additional diversion point requests.

We do need some more information to determine if your wells as currently organized/operated are in compliance with your permits and if future well #8 is within your current permitting parameters or if it needs water that is currently reserved by your future use permit.

I have CC'ed our permitting administrator Amanda Dewell. I may ask for assistance or a slightly cleaner map that we may add to your permit file to document the current status of your system for ease of any potential permitting questions in the future.

Permit No.	CFS	Ac-ft/yr	CRWS Map Well #'s
5606-3	0.49	213	4
5974-3	1.56	675	5
5974A-3	2.62	n/a	1, 2, 3, 7
6280-3	0.51	243	6
????			8



Adam Mathiowetz, PE
Engineer, Water Rights Program
Department of Agriculture and Natural Resources
523 E. Capitol Ave. Pierre SD, 57501
605.773.3352
danr.sd.gov

From: crws@itctel.com <crws@itctel.com>
Sent: Friday, August 22, 2025 11:48 AM
To: Mathiowetz, Adam (DENR) <Adam.Mathiowetz@state.sd.us>
Subject: Re: [EXT] Clark RWS current permitting and capacity

Here are 2 different file types just incase I didn't send them to you.

Terry Kaufman
Clark Rural Water System
605-532-5201
605-881-4364
Crws@itctel.com

From: Mathiowetz, Adam (DENR) <Adam.Mathiowetz@state.sd.us>
Sent: Wednesday, July 16, 2025 2:30 PM
To: crws@itctel.com <crws@itctel.com>
Cc: Dewell, Amanda <Amanda.Dewell@state.sd.us>; Rodriguez, Rachel <Rachel.Rodriguez@state.sd.us>; Duvall, Ron <Ron.Duvall@state.sd.us>
Subject: Clark RWS current permitting and capacity

Terry,

Please send us a map of your current well locations and what permits you believe are associated with each well. We will then figure out if that is correct, diversion rates and annual volumes permitted. That way we can make sure

database is accurate or help you through any potential permitting the rural water system may need to consider a possible new customer.



Adam Mathiowetz, PE
Engineer, Water Rights Program
Department of Agriculture and Natural Resources
523 E. Capitol Ave. Pierre SD, 57501
605.773.3352
danr.sd.gov