

WATER PERMIT NO. 8185-3

Name of Applicant: **Joint Wellfield, Inc.**

Address: **PO Box 340, Toronto SD 57268** Phone: **605 794-4201**

Amount of Water Claimed: Total Acres: **NA**

Source of Water Supply: **groundwater (one well)**

Water to be used for: **rural water system use** County: **Brookings**

Type of Waste Disposal System:

Location: **2 miles north of Bruce**

PRIORITY Date Received: **9-28-15** Application/License Fee: **\$ 100**

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

Remarks: **Withdrawal from Future Use Permit No. 3982B-3, change the water use and increase the period of use to year round as authorized by Water Right No. 2437B-3**

Diversion Point: **SE 1/4 Sec 24-T112N-R51W**

Land to be Irrigated: **NA**

Depth of Well: **45 feet deep**

Well Driller:

Remarks:

Type of Map: **aerial**

Prepared by:

Reviewed and the Number Assigned on: **10-13-15**

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____

			24		

Mail to: PMB 2020 DENR - Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	No. <u>8185-3</u> (office use only) Hydrologic Unit <u>10170202</u>
	Basin <u>Sioux River</u>
	Newspaper <u>see list</u>

RECEIVED

SEP 28 2015

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>2437B-3</u>		

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

Currently irrigation well with 1.78 CFS diversion from May to September. Change use to rural water systems.Change diversion period to year round. Construct & place to beneficial use reserved water under No. 3982-31. Name to Appear on Water Permit Joint Wellfield Inc.(check one) ☐ Owner ☐ Tenant/lessee ☒ Owner's Legal Agent Gene Wilts

(name and complete address if different than above name)

Mailing Address PO Box 340 Toronto SD 57268

(Address)

(City)

(State)

(Zip Code)

Home Phone 605-794-4201 Cell 605-690-8673 Email bdrws@itctel.com2. Amount of water claimed 1.78 *CFS or addl. 207 ***AF

(*Cubic Feet per Second) (**Gallons per Minute) (***Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply Big Sioux Aquifer : Brookings Management Unit4. Location of point of diversion SE 1/4 section 24-T112N-R51W County Brookings

(example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)

If not a public water supply (e.g. municipal), will water be used outside of the area described above? ☐ Yes ☐ No

If "Yes," where will water be used? _____

(example - NW1/4 section 12-T104N-R53W)

5. County or counties where water will be used Brookings, Deuel, Moody, Grant, Kingsbury, Hamlin, Lake, Miner6. Annual period during which water is to be used January 1 through December 31

7. Give a description of the project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

Additional water supply for Brookings-Deuel Rural Water System and Kingbrook Rural Water System.Have diversion rate authority for 1.78 cfs May through September. Seek year around diversion capability of 1.78 cfs. Seek to change use of 396 acre feet associated with irrigation of 132 acres under No. 2437B-3 and place to beneficial use 207 acre feet reserved by No. 3982-3.I, Gene P. Wilts, the applicant, certify that I have read this application, have examined the attached map, and that the matters stated are true.

SOUTH DAKOTA
WATER PERMIT NO. 8185-3

Date of first receipt of application September 28, 2015.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 8185-3 to Joint Wellfield Inc., c/o Gene Wilts, PO Box 340, Toronto SD 57268 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. 8185-3 changes the use (396 acre feet of water annually) and the period of use authorized by Water Right No. 2437B-3 and places to beneficial use 207 acre-feet of water annually reserved by Joint Wellfield's future use permit. Water Right No. 2437B-3 authorizes 1.78 cubic feet of water per second (396 acre-feet annually) from one well (Big Sioux:Brookings Aquifer) located in the SE 1/4 Section 24 to irrigate 132 acres in the SE 1/4 Section 24; all in T112N-R51W. This permit authorizes the change of use from irrigation to rural water system with the period of use to include the entire year. This permit will place to beneficial use 207 acre-feet of the water reserved by Nos. 3982-3, 3982A-3 and 3982B-3 from this well.
2. The water appropriated shall be used for rural water system purposes serving users in Brookings, Deuel, Moody, Grant, Kingsbury, Hamlin, Lake, Miner, Minnehaha, McCook and Clark Counties 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. 8185-3 is December 7, 2015.
5. The dates from which applicant may claim right are October 30, 1975 (396 acre-feet annually) and June 6, 1977 (207 acre-feet annually).
6. One-fifth of the construction is to be completed on or before June 7, 2018.
7. All construction is to be completed on or before December 7, 2020.
8. Water is to be put to beneficial use on or before December 7, 2024.
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 Right No. 2437B-3 and Water Permit No. 8185-3, combined, authorize a total annual diversion of 603 acre feet of water.

(continued)

Water Permit No. 8185-3

Joint Wellfield Inc.

Page 2

3. Water Permit No. 8185-3 incorporates Water Right No. 2437B-3.
4. Joint Wellfield Inc. shall report to the Chief Engineer annually the amount of water withdrawn from the Big Sioux:Brookings aquifer.

WATER MANAGEMENT BOARD

By: *Jeanne Goodman*

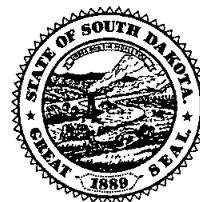
Jeanne Goodman, Chief Engineer

Water Rights Program

Department of Environment and Natural Resources

JAN 15 2016

date



Supplemental Information

(type or print)

1. Well Information (check one or both as applicable) ☐ Drilling new well(s) ☒ Using existing well(s)

a) If new wells, how many ____ Have test holes been drilled ☐ Yes ☐ No Drilled by ____
(if yes, please provide copies of logs)

b) If existing wells, how many 1 Provide copy of log(s), if available. Drilled by ____

c) Well Depth 46' Depth to Top of Water Bearing Material ____ Depth to Water from Surface 12'

d) Distance to nearest existing domestic well:

On applicant's property ____ On property owned by others 2500'

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 (e.g. 3 to 1 is a typical slope)

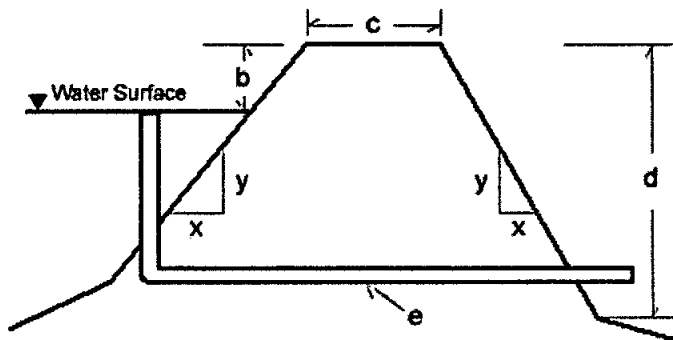
Upstream ____

Downstream ____

h) Surface Area of Impoundment ____

i) Storage ____ Acre Feet

j) Drainage Area Above Dam ____ Acres



Untitled Map

Joint Wellfield Well #9

Legend

-  Bruce GSR
-  Bruce WTP

199th St

7

112-51-24-SE 1/4

X
well site

200th St

466th Ave.

 Bruce WTP
 Bruce GSR



2000 ft

Google earth

© 2015 Google

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date Sept 28

, 20 15

Joint Well Field, 47602 SD Hwy 28, Toronto SD 57268

RECEIVED OF _____

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

Fee for Application for Permit No. <u>8185-3</u> to Appropriate Water, to construct and to put water to beneficial use	750	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>8185-3</u>	200	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	950.00

No. **07495**

By

Jeanne Goodman
Chief Engineer

(KS)



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

denr.sd.gov

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 8185-3, Joint Wellfield 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. 8185-3, Joint Wellfield Inc., c/o Gene Wilts, Manager, PO Box 340, Toronto SD 57268.

The Chief Engineer is recommending APPROVAL of Application No. 8185-3 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 Right No. 2437B-3 and Water Permit No. 8185-3, combined, authorize a total annual diversion of 603 acre feet of water.
3. Water Permit No. 8185-3 incorporates Water Right No. 2437B-3.
4. Joint Wellfield Inc. shall report to the Chief Engineer annually the amount of water withdrawn from the Big Sioux-Brookings aquifer.

See report on application for additional information.

Jeanne Goodman, Chief Engineer
November 16, 2015

**REPORT TO THE CHIEF ENGINEER
ON
WATER PERMIT APPLICATION NO. 8185-3
JOINT WELLFIELD, INC.
NOVEMBER 5, 2015**

Application No. 8185-3 proposes to change the use of water to be diverted from a well authorized by Water Right No. 2437B-3 from irrigation to rural water system use, and change the period of use of the well from the irrigation season to year round use. This permit, if approved will authorize a diversion of up to 396 acre-feet annually for rural water system use from January 1 through December 31. Application No. 8185-3 also proposes to place 207 acre-feet of water reserved by Future Use Permit Nos. 3982-3, 3982A-3 and 3982B-3 (if approved) to beneficial use. Pending approval of Application No. 3982B-3, the diversion point proposed by this application will be included in a future use area. This application proposes to divert water at a maximum rate of 1.78 cubic feet of water per second (cfs), and 603 acre-feet annually from a well located near the center of the SW¼ Sec.24, T112N-R51W for rural water system use.

AQUIFER: Brookings management unit of the Big Sioux aquifer (BS: B)

GEOLOGY AND AQUIFER CHARACTERISTICS:

The Big Sioux aquifer is an alluvium mantled glacial outwash deposit that consists of “well-sorted, very permeable glacial outwash sand and gravel, mostly medium to very coarse sand and very fine to medium gravel” (Hamilton, 1989). The aquifer is located primarily in the flood plain of the Big Sioux River and its tributaries. The future use area and well site associated with this application are located within the Brookings management unit of the Big Sioux aquifer (Hedges, 1982). The Brookings management unit of the Big Sioux aquifer extends from near the center of Hamlin County where it is differentiated from the North management unit, south to northern Moody County where the management unit is distinguished from the Moody management unit. The Brookings management unit underlies an estimated 323,000 acres of Hamlin, Deuel, Brookings, Kingsbury and Moody Counties (Stonesifer, 2013). The Big Sioux: Brookings underlies approximately 74,500 acres of Brookings County alone and contains an estimated 245,850 acre-feet of recoverable water in storage in the county (Hedges and others, 1982). The thickness of the aquifer averages 30 feet in Brookings County (Hamilton, 1989). The average hydraulic conductivity of the Big Sioux aquifer, based on four aquifer tests, ranges from 500-1,000 feet per day (ft/d) (Koch, 1980). The log on file for the existing irrigation well that this application proposes to use identifies approximately 40 feet of saturated gravel at the well site.

SOUTH DAKOTA CODIFIED LAW (SDCL) 46-2A-9

Pursuant to SDCL 46-2A-9, a permit to appropriate water may be issued only if there is reasonable probability that there is unappropriated water available for the applicant's proposed use, that the proposed diversion can be developed without unlawful impairment of existing rights and that the proposed use is a beneficial use and in the public interest. This report will address the availability of unappropriated water and existing rights from the aquifer.

WATER AVAILABILITY:

This application proposes to use water that has previously been appropriated through an existing water right (Water Right No. 2437B-3) or was reserved for future use (Future Use Permit No. 3982B-3).

Water Right No. 2437B-3

Water Right No. 2437-3 was issued August 24, 1981, with priority dates of November 25, 1968, and October 30, 1975. A portion of the water appropriated by Water Right No. 2437-3 was transferred to Joint Wellfield, Inc. on January 24, 2012. On April 25, 2012, Water Right No. 2437-3 was divided into two water rights (No. 2437A-3 and No. 2437B-3) and reissued to reflect separate ownerships. Water Right No. 2437B-3, Joint Wellfield Inc., authorizes a maximum diversion rate of 1.78 cubic feet of water per second from one well (Big Sioux: Brookings aquifer) located in the SE¼ Sec.24, T112N-R51W to irrigate 132 acres in the SE¼ Sec.24, T112N-R51W.

Based on a limit of three acre feet per acre per year for the 132 acres authorized for irrigation Water Right No. 2437B-3 authorizes a diversion rate of 396 acre-feet per year. Historic water use associated with the appropriation likely has been considerably less. Withdrawals associated with the well located in the SE¼ Sec. 24, T112N-R51W (Water Right No. 2437B-3) cannot be established due to the way the irrigation questionnaires were completed prior to the division of the water right. Reported water use specific to Water Right No. 2437B-3 is shown in Table 1.

Table 1. Water use reported under Water Right No. 2437B-3.

YEAR	WATER USE (acre-feet/year)
2014	0
2013	109.38
2012	129.26

Future Use Permit Nos. 3982-3, 3982A-3 and 3982B-3

Future Use Permit Nos. 3982-3, East Dakota Conservancy Sub-District, was approved January 31, 1978, reserving 3.0 cfs for future use. Water Permit No. 5079-3, approved on March 5, 1986, placed 0.80 cfs of the reserved water to beneficial use. The future use permit was transferred to Brookings-Deuel & Kingbrook RWS on August 28, 1984. The future use review in 1987 found 2.2 cfs remained in reserve. Water Right No. 5602-3, approved on August 6, 1992, applied 1.00 cfs and 423 acre-feet annually of the reserved water to beneficial use. At the August 31, 1994, Water Management Board meeting, the board reviewed the future use permit and allowed it to remain in effect for 869 acre-feet annually. Future Use Permit No. 3982A-3 was approved November 14, 1994, amending the area reserved for future use. On January 8, 1998, Water Right No. 6002-3 was approved placing 1.00 cfs and 362 acre-feet per year of the reserved water to beneficial use. The Water Management Board, at the hearing on July 12, 2006, to review Future Use Permit no. 3982-3, allowed the permit to remain in effect for 507 acre-feet annually. Water Permit No. 6718-3, approved August 17, 2006, authorized placing to beneficial use 300 acre-feet of water annually reserved by Future Use Permit No. 3982-3. On August 3, 2008, the future use permit was transferred from Brookings-Deuel & Kingbrook RWS to Joint Wellfield, Inc., The Water Management Board at the hearing on July 11, 2013, allowed the permits to remain in effect for 207 acre-feet annually. Application No. 3982B-3 proposes to

amend Future Use Permit Nos. 3982-3 and 3982A-3 by expanding the future use area to include the well site proposed by this application.

If this application is approved, the change of use from irrigation to rural water system use is likely to result in an increase of the average annual withdrawal from the aquifer of less than 264 acre-feet per year. The probability of unappropriated water available from an aquifer can be evaluated by considering SDCL 46-6-3.1 which requires "No application to appropriate groundwater may be approved if, according to the best information reasonably available, it is probable that the quantity of water withdrawn annually from a groundwater source will exceed the quantity of the average estimated annual recharge of water to the groundwater source." If the source of the water is older or lower than the Greenhorn Formation and a water distribution system has applied for a permit, the Board need not consider the recharge/withdrawal issue. Here, although a water distribution system is involved the aquifer is not older or lower than the Greenhorn Formation and, therefore the withdrawal/recharge issue must be considered.

Recharge:

Recharge to the Big Sioux: Brookings occurs through infiltration and percolation of precipitation falling on the surface of the outwash. Since the aquifer is hydraulically connected to some area lakes and the Big Sioux River, recharge is also provided to the aquifer during times of high runoff when surface water levels are higher than groundwater levels. Recharge rates calculated for the various management units of the Big Sioux aquifer range from "2.7 to 6.9 in/yr if flow-net analysis is ignored" (Hedges and others, 1985). Koch (1980) estimated average recharge to the Big Sioux aquifer in Brookings, Deuel, and Hamlin Counties by modeling to be 6.57 in/yr to the unconfined portions. Kume (1985) estimated recharge to the Big Sioux aquifer in Hamlin and Deuel Counties to be 5.11 in/yr. Hansen (1988) estimated recharge to the Big Sioux aquifer in Moody County by modeling, to be on average 4.85 in/yr. Hedges and others (1985) estimated recharge specifically of the Brookings management unit by observation well analysis to be 4.0 in/yr; this is considered the best data available due to its emphasis on the management unit. Applying the recharge rate of this management unit to the area, recharge to the Big Sioux: Brookings aquifer is estimated to be 107,000 acre-feet per year (ac-ft/yr). Given the area of the management unit in Brookings County, the average annual recharge to the aquifer in Brookings County alone is estimated to be 24,833 acre-feet per year.

Discharge:

Discharge from the Big Sioux: Brookings aquifer is by evapotranspiration, discharge to streams and lakes, and withdrawal from wells. There are a number of completion reports on file with the DENR-Water Rights Program for domestic use wells completed into the Big Sioux: Brookings aquifer (Water Rights, 2015c). There have been 389 applications for water permits from the Big Sioux: Brookings aquifer. The status of these applications is shown in Table 2.

Table 2. Status of Water Permit Applications from the Big Sioux: Brookings aquifer

STATUS	NUMBER
Cancelled	39
Future Use	10
Incorporated into a License	76
Incorporated into a Permit	1
Licensed	206
Ownership change (No 2437-3)	1
Permit	55
Withdrawn	1

There are currently 261 Water Rights/Permits appropriating water from the Big Sioux: Brookings aquifer (Water Rights, 2015b). In addition, there are 10 future use permits reserving water from the aquifer (Water Rights, 2015b). There are 110 Water Rights/Permits and five future use permits appropriating water from Brookings County alone (Water Rights, 2014b). Appropriations from Brookings County are for irrigation use (94 appropriations), municipal use (four appropriations), commercial use (four appropriations), industrial use (one appropriation), suburban housing development use (two appropriations), and rural water system use (five appropriations) (Water Rights, 2015b).

The amount of water that can be expected to be withdrawn through non-irrigation appropriative uses from the Big Sioux: Brookings aquifer can be estimated by assuming: 1) water rights/permits limited by an annual volume will pump the entire volume appropriated, 2) water rights/permits limited only by diversion rate will pump at the maximum permitted diversion rate 60 percent of the time, and 3) future use permits can be fully developed.

Non-irrigation water rights/permits limited by annual volume currently appropriate 4,795 ac-ft/yr of water, and non-irrigation water rights/permits limited by diversion rate currently appropriate water at a total maximum diversion rate of 18.939 cfs. There are a total of ten future use permits reserving a total of 7,120 ac-ft/yr of water from the aquifer (Water Rights, 2015b).

The municipalities of Clear Lake, Hayti, and Bruce currently use a rural water system as a primary source, and their water rights/permits are retained as a standby source for emergencies, such as fire protection. These water rights are all limited by diversion rate, totaling 2.81 cfs (Water Rights, 2015b).

Non-irrigation water appropriations/reservations are expected to account for approximately 20,000 ac-ft/yr to be withdrawn from the entire Big Sioux: Brookings aquifer (Water Rights, 2015b).

Irrigation withdrawals reported from the Big Sioux: Brookings aquifer are shown in Table 3.

Table 3. Irrigation from the Big Sioux: Brookings aquifer (Water Rights, 1980-2015).

YEAR	NO. OF PERMITS	APPROPRIATION (AC-FT/YR)	PUMPAGE REPORTED (AC-FT/YR)
2014	212	74387.36	9947.64
2013	198	70084.9	15432.29
2012	177	63694.4	19482.51
2011	174	63494.4	8527.61
2010	172	62966.4	2713.39
2009	174	65098.4	9172.9
2008	166	62761.8	12505.85
2007	164	62374.8	14730.13
2006	161	61075.8	14325.04
2005	159	61435.8	11513.48
2004	156	60695.8	11809.91
2003	149	58970.8	11380.47
2002	149	59186.8	12410.94
2001	149	59312.8	8384.81
2000	153	60799.8	8933.72
1999	155	62181.3	7841.04
1998	157	63306.2	8109.71
1997	153	62281.7	5650
1996	154	62575.2	7220.95
1995	161	62961.2	3862.25
1994	160	64395.2	2854.62
1993	162	64963.7	1042.9
1992	162	64603.7	2331.6
1991	165	65534.97	7771.74
1990	175	71616.95	5862.92
1989	166	69391.27	13930.7
1988	167	74615.27	18521.4
1987	171	76624.07	10015
1986	179	80788.57	2854.7
1985	181	81385.57	4951.4
1984	188	84188.07	8177.6
1983	161	74854.57	8227.46
1982	155	77754.57	4551.86
1981	198	91361	9040
1980	187	87093	9837
1979	184	85701	6144
<i>MIN</i>	<i>149</i>	<i>58970.8</i>	<i>1042.9</i>
<i>MAX</i>	<i>212</i>	<i>91361</i>	<i>19482.5</i>
<i>AVE</i>	<i>168.2</i>	<i>68736.6</i>	<i>8890.82</i>

The annual irrigation appropriation from this aquifer remained fairly steady until recently. Since 2012, 20 irrigation water permits have been approved, authorizing irrigation of 2,519.53 acres (Water Rights, 2015b). While the maximum allowable application rate is either three or two feet per acre per year (ft/ac/yr), depending on priority date, in most instances irrigators apply less than one ft/ac/yr. To be realistic, yet conservative, assuming an application rate of one ft/ac/yr results in an expected use of these newly approved and pending permits, if approved, of 2,519.53 ac-ft/yr.

While there are many domestic wells on file, many are no longer used as primary sources since rural water systems have been introduced in the area. Considering this, and the relatively small withdrawal ability of a domestic well, the annual quantity of water withdrawn due to domestic wells is not significant to the hydrologic budget of the aquifer (Water Rights, 2014c).

This application proposes to place water to beneficial use that was reserved by Future Use Permit No. 3982B-3. The portion of water that has been reserved will not affect the amount of unappropriated water available from the aquifer. The comparison of the estimated average annual withdrawal from the entire Big Sioux: Brookings aquifer with the estimated average annual recharge for the aquifer indicated that in general the average annual withdrawals to the aquifer do not exceed the average annual recharge to the aquifer and unappropriated water is available from the Big Sioux: Brookings aquifer. Specifically, unappropriated water is available for the estimated 264 acre-feet expected to be used if this appropriation is approved.

Observation Well Data:

Administrative Rule of South Dakota Section 74:02:05:07 requires that the Water Management Board shall rely upon the record of observation well measurements in addition to other data to determine that the quantity of water withdrawn annually from the aquifer does not exceed the estimated average annual recharge to the aquifer.

The DENR-Water Rights Program monitors 80 observation wells completed into the Brookings management unit of the Big Sioux aquifer. Ten of these observation wells are located within approximately one and one-quarter miles of the well this application proposes to use. The location of the observation wells in relation to the well site are shown in Figure 1. Hydrographs for the observation wells are shown in Figures 2-11.

The observation well data shows the aquifer responds well to climatic conditions with rising water levels during wet years and gradually declining water levels during dry years. The water level data verifies that over the period of record, withdrawals have not exceeded recharge. Most importantly, the observation well data shows that at the current level of development, climatic conditions greatly mask the temporal effects of well withdrawals. Therefore, recharge to and natural discharge from the Big Sioux: Brookings aquifer significantly exceeds pumping. Recognizing that natural discharge from the aquifer can be captured for pumping the hydrographs document that there is unappropriated water available from the aquifer to support these appropriations.

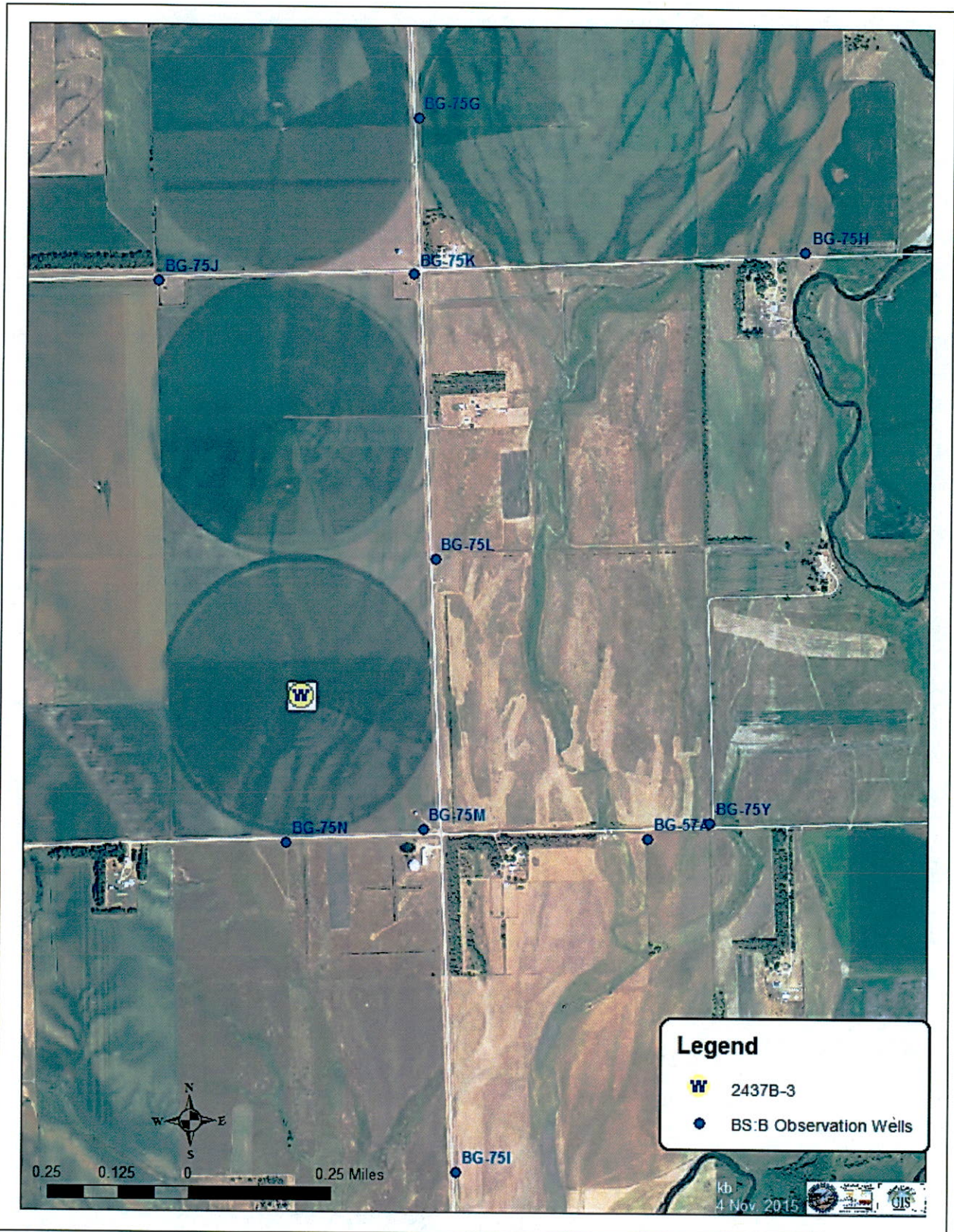


Figure 1. DENR-Water Rights observation wells in the vicinity of the well site proposed by Application No. 2437B-3 (Water Rights, 2015a).

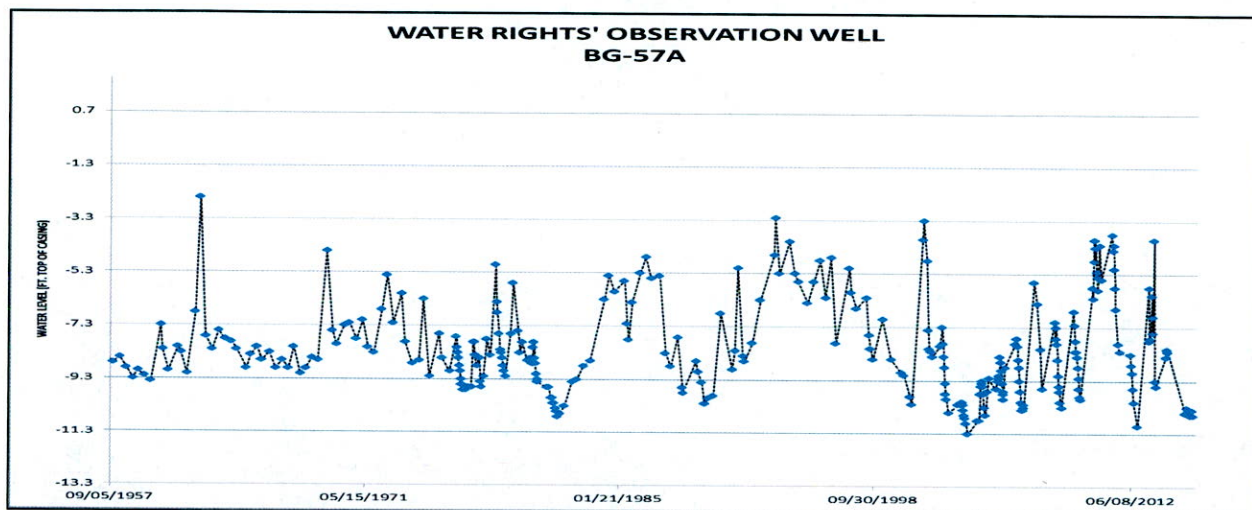


Figure 2. Hydrograph for observation well BG-57A.

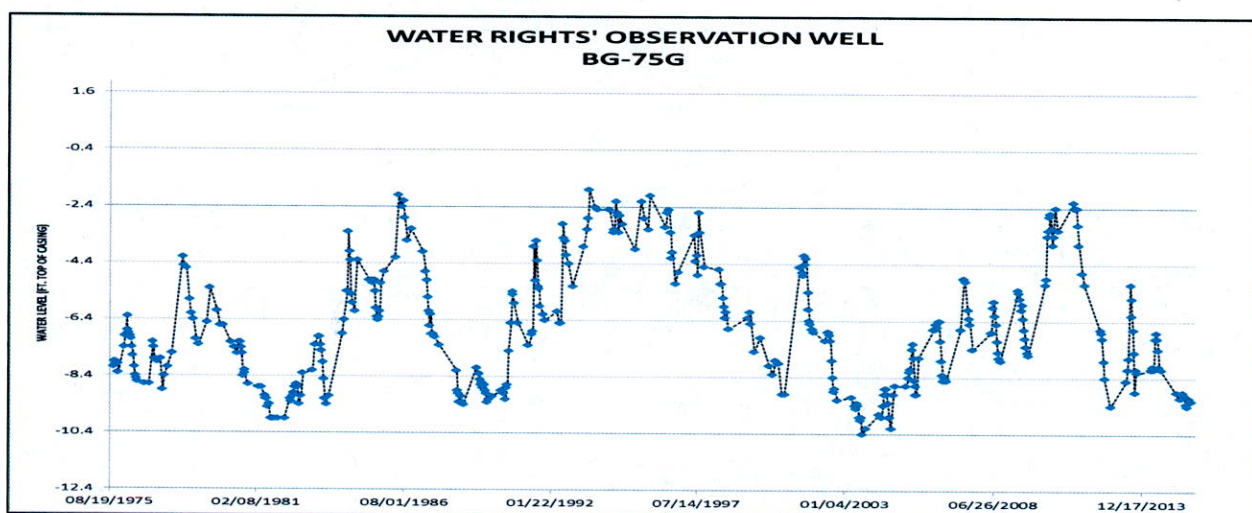


Figure 3. Hydrograph for observation well BG-75G (Water Rights, 2015a).

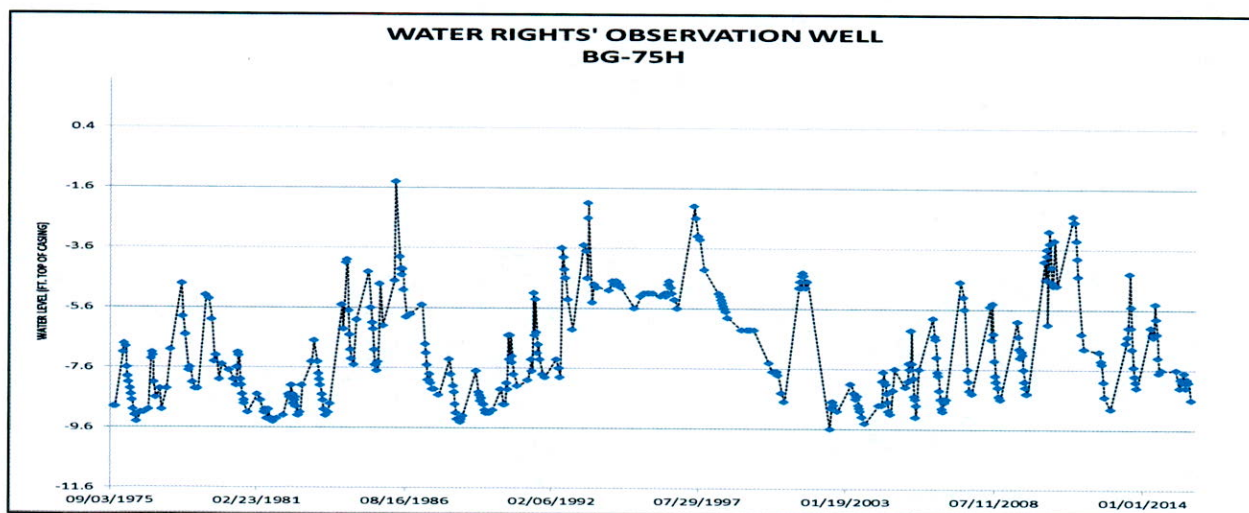


Figure 4. Hydrograph for observation well BG-75H (Water Rights, 2015a).

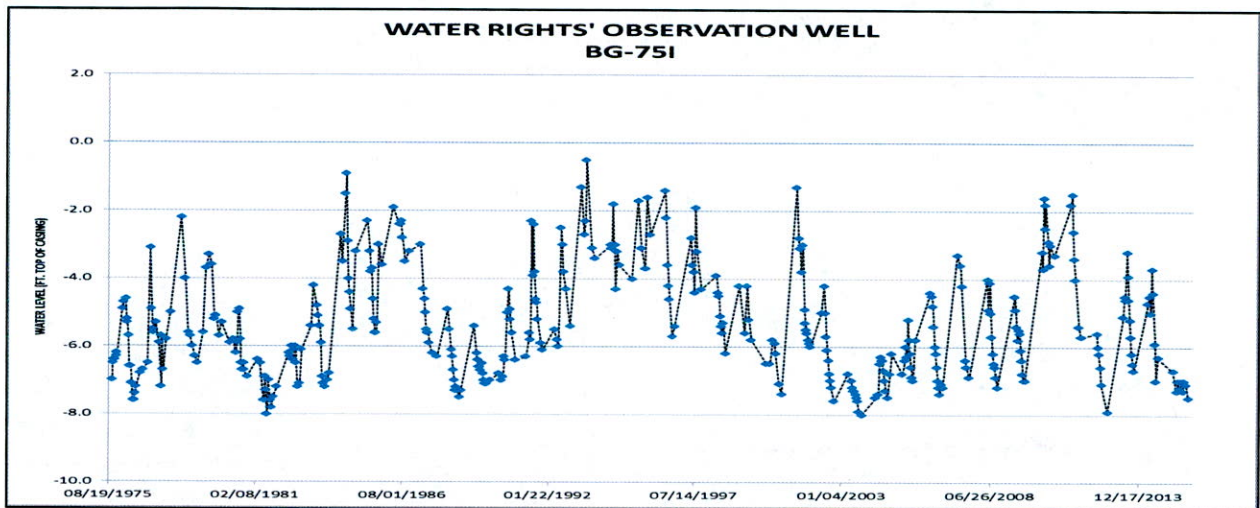


Figure 5. Hydrograph for observation well BG-75I (Water Rights, 2015a).

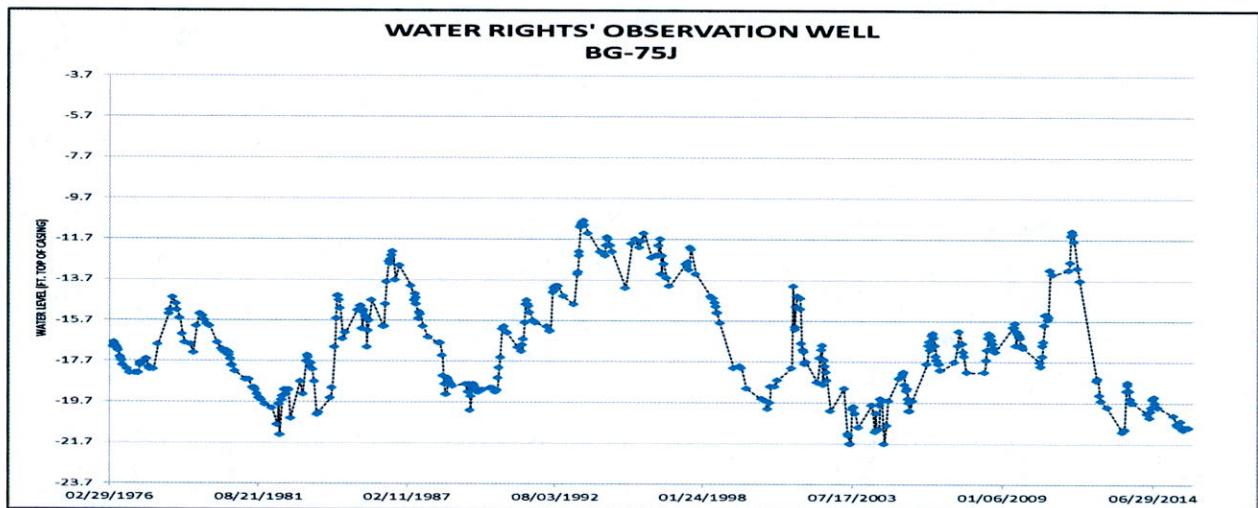


Figure 6. Hydrograph for observation well BG-75J (Water Rights, 2015a).

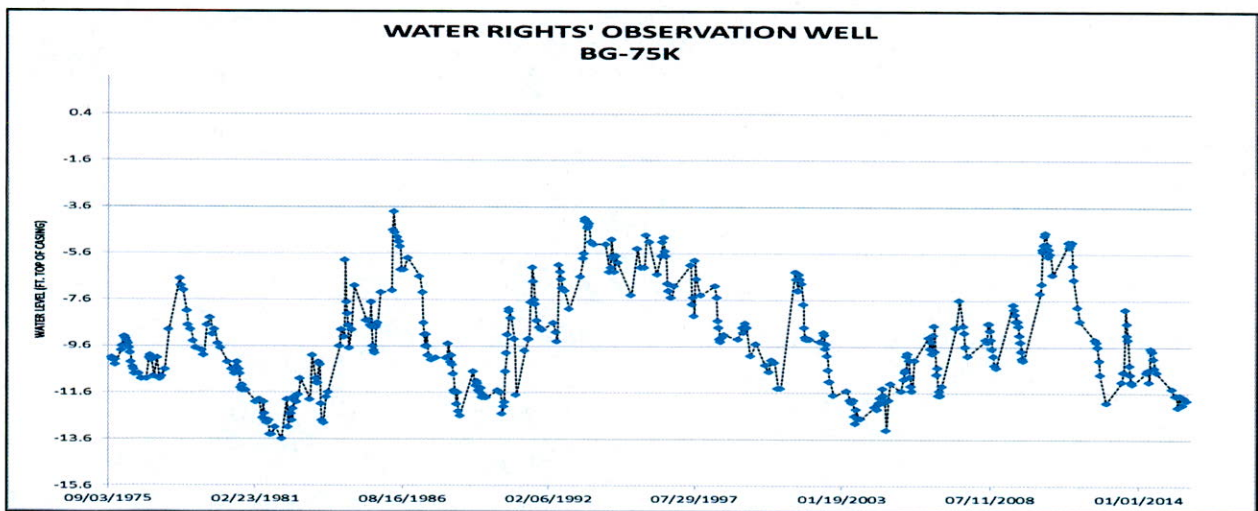


Figure 7. Hydrograph for observation well BG-75K (Water Rights, 2015a).

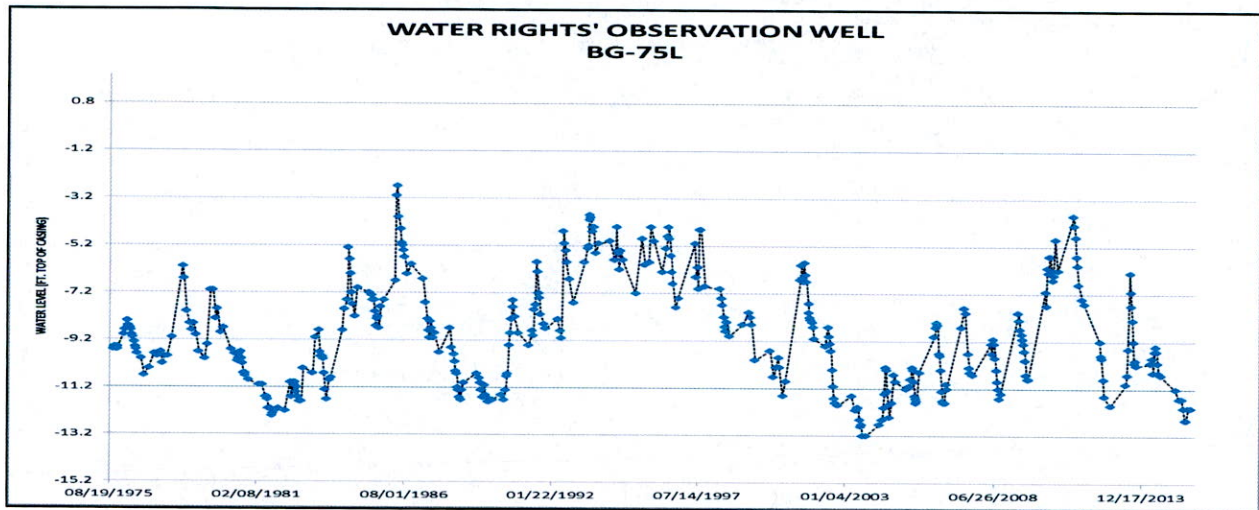


Figure 8. Hydrograph for observation well BG-75L (Water Rights, 2015a).

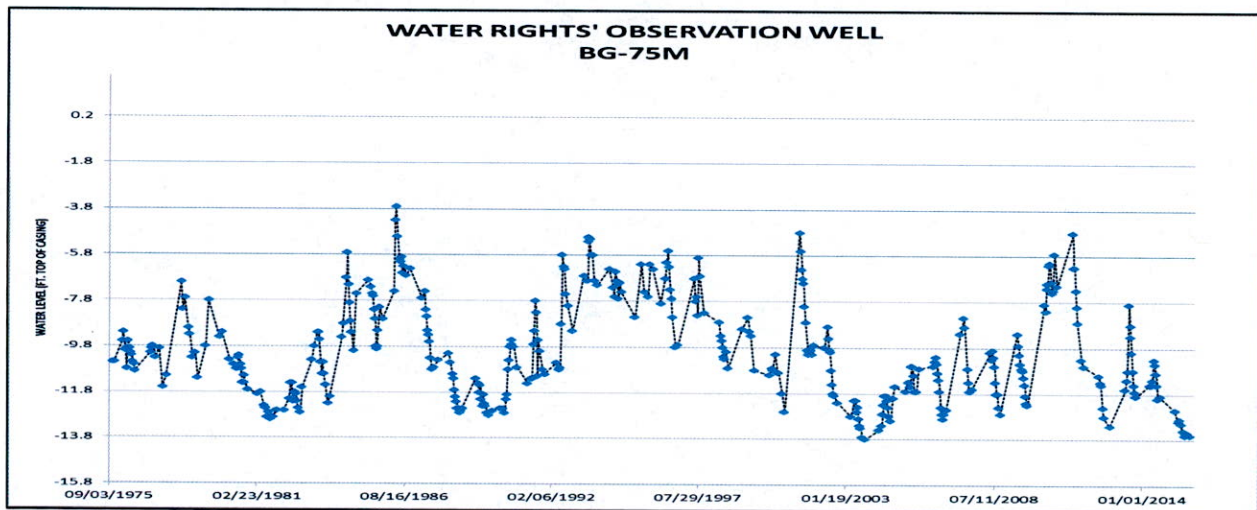


Figure 9. Hydrograph for observation well BG-75M (Water Rights, 2015a).

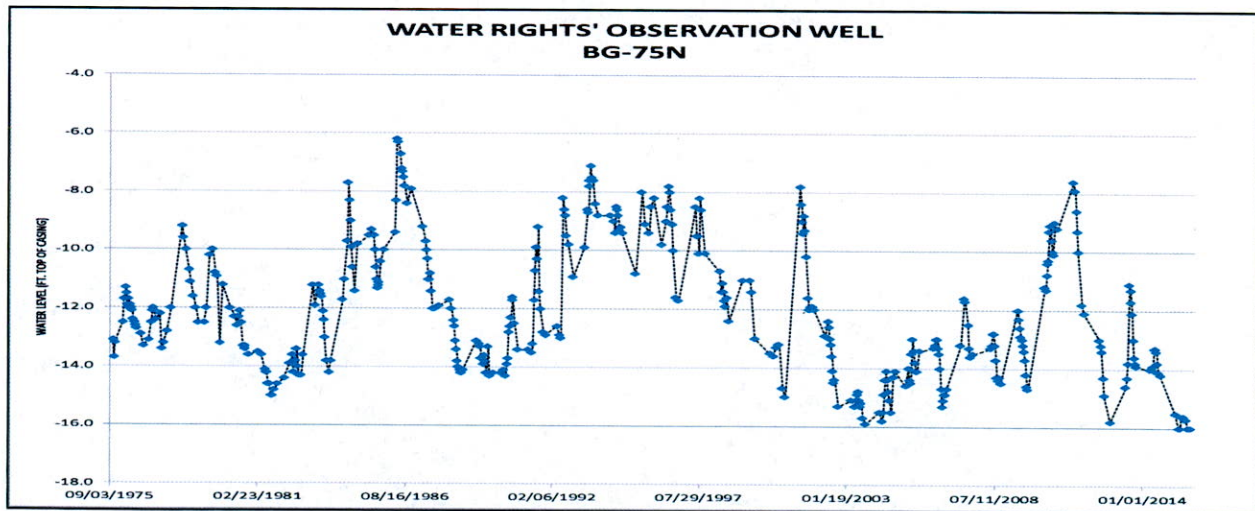


Figure 10. Hydrograph for observation well BG-75N (Water Rights, 2015a).

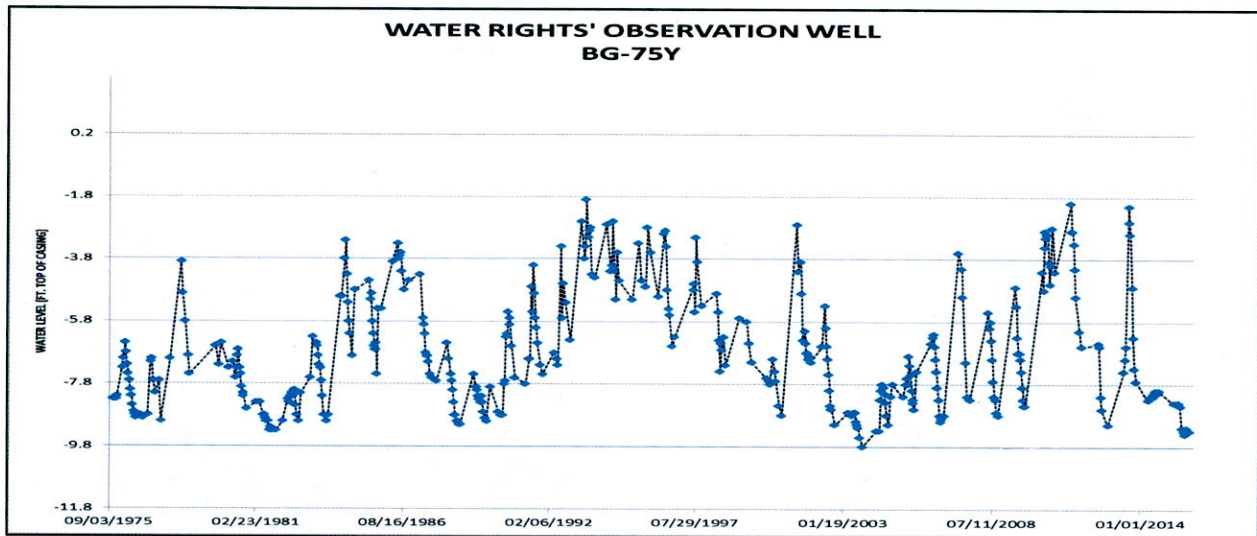


Figure 11. Hydrograph for observation well BG-75Y (Water Rights, 2015a).

EXISTING WATER RIGHTS:

The approximate location of diversion points authorized by water rights/permits appropriating water from the Big Sioux aquifer in the vicinity of the well site proposed by this application are shown in Figure 12 and identified in Table 4 (Water Rights, 2015b). In addition, there are a number of completion reports on file with the DENR-Water Rights Program for domestic wells in this area.

The water table conditions of the aquifer in this area dictate that water level drawdown due to pumping will not extend far from the proposed well. However, precise drawdown cannot be quantified without aquifer testing. The Water Management Board has consistently recognized that to place water to maximum beneficial use a certain amount of drawdown may occur. Therefore, nearby adequate wells defined by ARSD 74:02:20(7) are not expected to be adversely impaired due to the proposed diversion.

Conditions occur where withdrawal exceeds the average annual recharge due to increased pumping during dry periods. The saturated thickness of this thin aquifer could be reduced. If the saturated thickness is reduced to the extent that water rights/permits can no longer pump at their developed or "historically established" diversion rates, this may be considered an adverse impact.

This application does not propose an increase to the 1.78 cfs diversion rate authorized for this existing well. There is no history of interference issues associated with this diversion rate from this well.

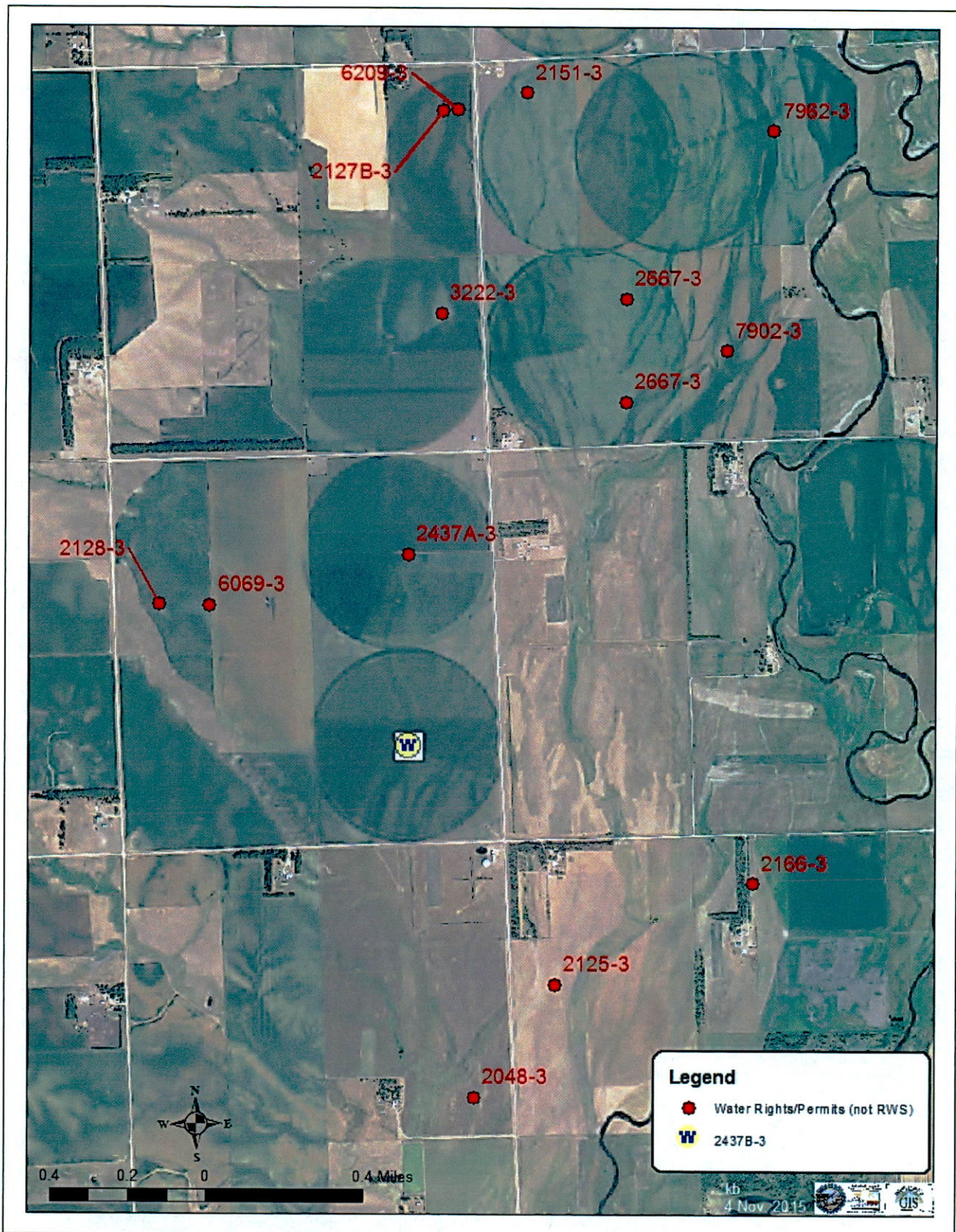


Figure 12. Water Rights/Permits that are not for a rural water system in the vicinity of the well site proposed by Application No. 2437B-3.

Table 4. Water Rights/Permits that are not for a rural water system in the vicinity of the well proposed by Application No. 2437B-3, shown on Figure 12.

PERMIT NO	NAME	PRIORITY DATE	STATUS	USE	CFS	ACRES
2048-3	KENT KROGH	02/13/1974	LC	IRR	1.67	120
2125-3	ISABELLE M APLAND	10/09/1974	LC	IRR	1.11	151
2128-3	AUDREY WIEDRICK	10/09/1974	LC	IRR	1.11	156
2151-3	LARRY L BECKER	12/03/1974	LC	IRR	2	208
2166-3	LAYNE R MOSTAD	12/16/1974	LC	IRR	1	123
2667-3	BRET L ADEE	01/19/1971	LC	IRR	1.67	136
3222-3	JAY A PETERSON	10/28/1976	LC	IRR	2	148
6069-3	RALLAND JANSSEN	04/02/1998	LC	IRR	0.97	68
2127B-3	ROGER KREIN	10/09/1974	LC	IRR	0.64	60
6209-3	JOE EBBERS	10/09/1974	LC	IRR	1.33	66
2437A-3	JERALD A PETERSON LIVING	11/25/1968	LC	IRR	1.78	132
7962-3	RIVER VIEW FARMS	02/11/2014	LC	IRR	1	50.1
2667-3	BRET L ADEE	01/19/1971	LC	IRR	1.67	136
7902-3	BRET ADEE	09/19/2013	PE	IRR	2.67	260

CONCLUSIONS:

1. This application proposes to allow a change the use of the well authorized by Water Right No. 2437B-3 from irrigation to rural water system use.
2. This application also proposes to extend the time the well authorized by Water Right No. 2437B-3 is to be used to year-round usage.
3. This application also proposes to place 207 acre-feet per year of water reserved by Future Use Permit No. 3982B-3 (if approved) to beneficial use through the well authorized by Water Right No. 2437B-3.
4. Approval of this application will result in additional withdrawals over what has historically been made under Water Right No. 2437B-3 of less than 264 acre-feet annually.
5. Approval of this application would authorize an annual diversion rate of 603 acre-feet annually from the well authorized by Water Right No. 2437B-3.
6. Unappropriated water is available from the Big Sioux: Brookings aquifer to supply the proposed appropriation.
7. This proposed diversion is not expected to adversely impair existing nearby adequate wells.
8. If the saturated thickness is reduced in this thin aquifer with limited storage to the extent that water rights/permits can no longer pump at their developed or "historically established" diversion rates, this may be considered an adverse impact.
9. If this application is approved and developed, there will be no water remaining reserved under Future Use Permit Nos. 3982-3, 3982A-3 or 39082B-3.
10. This application does not propose an increase to the 1.78 cfs diversion rate authorized for this existing well.
11. There is no history if interference issues associated with this diversion rate from this well.
12. Well interference associated with this appropriation is not expected to be adverse.



Ken Buhler
SD DENR-Water Rights Program

REFERENCES:

- Hamilton, L.J., 1989, Water Resources of Brookings and Kingsbury Counties, South Dakota: U.S. Geological Survey Water-Resources Investigations Report 88-4185, 87 p.
- Hedges, L.S., Burch, S.L., Iles, D.L., Barari, R.A., Schoon, R.A., 1982, Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River, South Dakota and Iowa, Task 1: Bedrock Topography and Distribution, Task 2: Extent of Aquifers, Task 3: Ground-Water Storage, Task 4: Computerized Data Base, Final Report; U.S. Army Corps of Engineers Contract DACW 45-80-C-0185
- Koch, N.C. 1980. Appraisal of the Water Resources of the Big Sioux Aquifer, Brookings, Deuel, and Hamlin Counties, South Dakota. Water-Resources Investigations Report 80-100. USGS, Huron, South Dakota.
- Kume, J. 1985. Water Resources of Deuel and Hamlin Counties, South Dakota. Water-Resources Investigations Report 84-4069. USGS, Huron, South Dakota.
- Stonesseifer, J., 2013, Report on Water Permit Application No. 7854-3 for David Ulvstad, SD DENR-Water Rights Program, Joe Foss Bldg, Pierre, SD.
- Water Rights, 2015a, Observation Well Files, SD DENR-Water Rights Program, Joe Foss Bldg, Pierre, SD.
- Water Rights, 2015b, Water Right/Permit Files, SD DENR-Water Rights Program, Joe Foss Bldg, Pierre, SD.
- Water Rights, 2015c, Water Well Completion Report Files, SD DENR-Water Rights Program, Joe Foss Bldg, Pierre, SD.

**NOTICE OF APPLICATION
NOS. 3982B-3 and 8185-3**

Notice is given that Joint Wellfield Inc., c/o Gene Wilts, Manager, PO Box 340, Toronto, SD 57268 has filed the following applications for a water permit.

Application No. 3982B-3 proposes to amend Future Use Permit Nos. 3982-3 and 3982A-3 by expanding the future use area. Future Use Permit Nos. 3982-3 and 3982A-3 reserve 207 acre-feet of water from the Big Sioux:Brookings Aquifer located in the NW 1/4 NW 1/4 NE 1/4 and NE 1/4 NE 1/4 NE 1/4 Section 24; NE 1/4 NE 1/4 NE 1/4 Section 25; all in T112N-R51W and SW 1/4 Section 19-T112N-R50W. The application seeks to expand the future use area to include the SE 1/4 Section 24-T112N-R51W. This rural water system serves users in Brookings, Deuel, Moody, Grant, Kingsbury, Hamlin, Lake, Miner, Minnehaha, McCook and Clark Counties.

Application No. 8185-3 proposes to change the use (396 acre feet of water annually) and the period of use authorized by Water Right No. 2437B-3 and place to beneficial use 207 acre-feet of water annually reserved by Joint Wellfield's future use permit. Water Right No. 2437B-3 authorizes 1.78 cubic feet of water per second (396 acre-feet annually) from one well (Big Sioux:Brookings Aquifer) located in the SE 1/4 Section 24 to irrigate 132 acres in the SE 1/4 Section 24; all in T112N-R51W. This application proposes to change the use from irrigation to rural water system with the period of use to include the entire year. Pending approval of Application No. 3982B-3, the diversion point proposed by this application will be included in the future use area. This application also proposes to place to beneficial use 207 acre-feet of the water reserved by Nos. 3982-3, 3982A-3 and 3982B-3.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 3982A-3 and 8185-3 because 1) unappropriated water is available in the matter of Application No. 8185-3, 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 these applications, as recommended, unless a petition is filed opposing the applications or the applicant files a petition contesting the Chief Engineer's recommendations. If a petition opposing the applications or contesting the recommendations is filed, then a hearing will be scheduled and the Water Management Board will consider these applications. Notice of the hearing will be given to the applicant and any person filing a petition.

RECEIVED

DEC 14 2015

WATER RIGHTS
PROGRAM

AFFIDAVIT OF PUBLICATION

STATE OF SOUTH DAKOTA, County of Miner: ss.

Carla Poulson of said County and State, being duly sworn, on her oath says: That the Miner County Pioneer is a legal newspaper of general circulation, printed and published in Howard, said County and State, by Carla Poulson, and has been such newspaper during the time hereinafter mentioned: and that I, Carla Poulson the undersigned, am publisher of said newspaper, in charge of the advertising department thereof, and have personal knowledge of all the facts stated in this affidavit, and that the advertisement or notice headed

Notice of Application

A printed copy of which is hereunto attached, was printed and published in the regular and entire issue of said newspaper and not in a supplement, once each week for successive weeks, the first publication being made on the

26 day of Nov 2015

And the last publication on the day of 20.....

The first publication being made on the day of 20.....

The second publication being made on the day of 20.....

The third publication being made on the day of 20.....

The fourth publication being made on the day of 20.....

The fifth publication being made on the day of 20.....

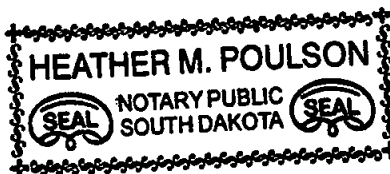
That said newspaper is a legal newspaper, and has a bona fide circulation of more than two hundred copies weekly, and has been published within the County of Miner, for more than fifty-two successive weeks next prior to the first publication of said notice, and is printed in an office maintained in Howard, South Dakota, the place of publication of said newspaper. That the full amount of fees for publication of the annexed notice is \$ 32.13 and insures solely to the benefit of said publisher; that no agreement or understanding for a division thereof has been made with any person and that no part thereof has been agreed to be paid to any person whomever.

CR

Subscribed and sworn to me this 5 day of Dec 2015

[Signature]

My commission expires the 10 day of Oct 2017



Any person interested in opposing or supporting these applications or recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendations. 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 December 7, 2015.

The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, 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 these applications. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.

Published once at the total approximate cost of \$32.93.

(November 26)

Affidavit of Publication

RECEIVED

DEC 10 2015

WATER RIGHTS PROGRAM

NOTICE OF APPLICATION NOS. 3982B-3 and 8185-3

Notice is given that Joint Wellfield Inc., c/o Gene Wilts, Manager, PO Box 340, Toronto SD 57268 has filed the following applications for a water permit.

Application No. 3982B-3 proposes to amend Future Use Permit Nos. 3982-3 and 3982A-3 by expanding the future use area. Future Use Permit Nos. 3982-3 and 3982A-3 reserve 207 acre-feet of water from the Big Sioux-Brookings Aquifer located in the NW 1/4 NW 1/4 NE 1/4 and NE 1/4 NE 1/4 NE 1/4 Section 24; NE 1/4 NE 1/4 NE 1/4 Section 25; all in T112N-R51W and SW 1/4 Section 19-T112N-R50W.

The application seeks to expand the future use area to include the SE 1/4 Section 24-T112N-R51W. This rural water system serves users in Brookings, Deuel, Moody, Grant, Kingsbury, Hamlin, Lake, Miner, Minnehaha, McCook and Clark Counties.

Application No. 8185-3 proposes to change the use (396 acre feet of water annually) and the period of use authorized by Water Right No. 2437B-3 and place to beneficial use 207 acre-feet of water annually reserved by Joint Wellfield's future use permit. Water Right No. 2437B-3 authorizes 1.78 cubic feet of water per second (396 acre-feet annually) from one well (Big Sioux-Brookings Aquifer) located in the SE 1/4 Section 24 to irrigate 132 acres in the SE 1/4 Section 24; all in T112N-R51W.

This application proposes to change the use from irrigation to rural water system with the period of use to include the entire year. Pending approval of Application No. 3982B-3, the diversion point proposed by this application will be included in the future use area. This application also proposes to place to beneficial use 207 acre-feet of the water reserved by Nos. 3982-3, 3982A-3 and 3982B-3.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 3982A-3 and 8185-3 because 1) unappropriated water is available in the matter of Application No. 8185-3, 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 these applications, as recommended, unless a petition is filed opposing the applications or the applicant files a petition contesting the Chief Engineer's recommendations. If a petition opposing the applications or contesting the recommendations is filed, then a hearing will be scheduled and the Water Management Board will consider these applications. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting these applications or recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendations. 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 December 7, 2015.

The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, 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 these applications. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.
Published once at the total approximate cost of \$37

STATE OF SOUTH DAKOTA
COUNTY OF MOODY) SS

MARY LYNN HEADRICK, of said county, being first duly sworn on oath says that she is the bookkeeper of the Moody County Enterprise, a weekly newspaper printed and published in said county of Moody and State of South Dakota, and has full and personal knowledge of all the facts herein stated; that said newspaper is a legal newspaper and has a bona fide circulation of at least 200 copies weekly, and has been published within said county for 52 consecutive 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 advertisement headed:

Notice of Application
Nos. 3982B-3 +
8185-3

a printed copy of which, taken from the newspaper 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 1 successful weeks, on the day of each week on which said newspaper was regularly published, to wit:

Nov. 25, 2015

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

\$ 37.50

M. J. Headrick Bookkeeper
Subscribed and sworn to before me this

7 day of December AD 2015

Roger W. Janssen

Notary Public, County of Moody, South Dakota

ROGER W. JANSSEN

NOTARY PUBLIC
SOUTH DAKOTA



My commission expires

Public Notice

NOTICE OF APPLICATION NOS. 3982B-3 and 8185-3

Notice is given that Joint Wellfield Inc., c/o Gene Wilts, Manager, PO Box 340, Toronto SD 57268 has filed the following applications for a water permit.

Application No. 3982B-3 proposes to amend Future Use Permit Nos. 3982-3 and 3982A-3 by expanding the future use area. Future Use Permit Nos. 3982-3 and 3982A-3 reserve 207 acre-feet of water from the Big Sioux: Brookings Aquifer located in the NW 1/4 NW 1/4 NE 1/4 and NE 1/4 NE 1/4 NE 1/4 Section 24; NE 1/4 NE 1/4 NE 1/4 Section 25; all in T112N-R51W and SW 1/4 Section 19-T112N-R50W. The application seeks to expand the future use area to include the SE 1/4 Section 24-T112N-R51W. This rural water system serves users in Brookings, Deuel, Moody, Grant, Kingsbury, Hamlin, Lake, Miner, Minnehaha, McCook and Clark Counties.

Application No. 8185-3 proposes to change the use (396 acre feet of water annually) and the period of use authorized by Water Right No. 2437B-3 and place to beneficial use 207 acre-feet of water annually reserved by Joint Wellfield's future use permit. Water Right No. 2437B-3 authorizes 1.78 cubic feet of water per second (396 acre-feet annually) from one well (Big Sioux: Brookings Aquifer) located in the SE 1/4 Section 24 to irrigate 132 acres in the SE 1/4 Section 24; all in T112N-R51W. This application proposes to change the use from irrigation to rural water system with the period of use to include the entire year. Pending approval of Application No. 3982B-3, the diversion point proposed by this application will be included in the future use area. This application also proposes to place to beneficial use 207 acre-feet of the water reserved by Nos. 3982-3, 3982A-3 and 3982B-3.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 3982A-3 and 8185-3 because 1) unappropriated water is available in the matter of Application No. 8185-3, 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 these applications, as recommended, unless a petition is filed opposing the applications or the applicant files a petition contesting the Chief Engineer's recommendations. If a petition opposing the applications or contesting the recommendations is filed, then a hearing will be scheduled and the Water Management Board will consider these applications. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting these applications or

Printer's Affidavit of Publication

AFFIDAVIT OF PUBLICATION

STATE OF SOUTH DAKOTA)

)SS

COUNTY OF McCOOK)

DEC 10 2015

WATER RIGHTS
PROGRAM

TROY SCHWANS of said County and State, being duly sworn on his oath, says THE SALEM SPECIAL is a weekly newspaper of general circulation, printed and published in Salem, McCook County and State of South Dakota, and has been such newspaper during the times hereinafter mentioned; that the said newspaper is a legal newspaper, that it has a bonafide circulation of more than 200 copies weekly, that it has been published within said County of McCook for more than fifty-two successive weeks prior to the publication of the notice hereinafter mentioned and has been printed during said period and at the present time, in whole in an office maintained at said place of publication; and that I, the undersigned, am publisher or employee of said newspaper, in charge of the advertising department thereof, and have personal knowledge of all facts in this affidavit;

that the advertisement headed. *Notice of application
NOS. 3982B-3 and 8185-3*

a printed copy of which is hereto attached, was printed and published in the newspaper for . . . 1 . . . weeks; that said notice was published in the issues of said paper on the dates as follows, to wit:

The first publication being made on

the second publication on . . . 20 . . .

the third publication on . . . 20 . . .

the fourth publication on . . . 20 . . .

the fifth publication on . . . 20 . . .

the sixth publication on . . . 20 . . .

and the last publication on . . . 20 . . .

that \$ *37.17* . . . being the full amount of the fees for publication of the annexed notice, insures solely to the benefit of the publisher of the said newspaper; that no agreement or understanding for a division thereof has been made with any person; and that no part thereof has been agreed to be paid to any person whomsoever.

Subscribed and sworn to before me this . . . 7th . . .

day of. *December* . . . 20 *15* . . .

Notary Public, *Jill R Letcher* . . . McCook . . . County

My commission expires. *12-17-20* . . .



recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendations. 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 December 7, 2015.

The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, 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 these applications.

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

Published once at the total approximate
cost of \$33.07.

AFFIDAVIT OF PUBLICATION

STATE OF SOUTH DAKOTA,
County of Kingsbury.

SS.

David Tritle of said
county being first duly sworn on oath, says that he is
the publisher of **THE DE SMET NEWS**, a weekly news-
paper printed and published in De Smet in said County
of Kingsbury and has full and personal knowledge of all
the facts herein 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 NOS.
3982B-3 and 8185-3, 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 1 successive weeks, on
the day of each week on which said newspaper was regu-
larly published, to-wit:

11-25 2015: _____ 20_____
_____ 20____: _____ 20_____
_____ 20____: _____ 20_____
_____ 20____: _____ 20_____

that the full amount of the fee charged for the publica-
tion of said notice accrues to the benefit of the pub-
lisher of said newspaper; that no agreement or under-
standing for the division thereof 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 thereof are

\$ 40.92

Subscribed and sworn to before me this 7th

day of December A.D. 2015

Margaret A. Wilde
Notary Public
Kingsbury County, South Dakota

My commission expires May 30, 2018

NOTICE OF APPLICATION NOS. 3982B-3 and 8185-3

Notice is given that Joint Wellfield
Inc., c/o Gene Wilts, Manager, P.O.
Box 340, Toronto, SD 57268, has
filed the following applications for a
water permit.

Application No. 3982B-3 proposes
to amend Future Use Permit Nos.
3982-3 and 3982A-3 by expanding
the future use area. Future Use
Permit Nos. 3982-3 and 3982A-3
reserve 207 acre-feet of water from
the Big Sioux: Brookings Aquifer
located in the NW 1/4 NW 1/4 NE
1/4 and NE 1/4 NE 1/4 NE 1/4
Section 24; NE 1/4 NE 1/4 NE 1/4
Section 25; all in T112N-R51W and
SW 1/4 Section 19-T112N-R50W.
The application seeks to expand the
future use area to include the SE 1/4
Section 24-T112N-R51W. This rural
water system serves users in
Brookings, Deuel, Moody, Grant,
Kingsbury, Hamlin, Lake, Miner,
Minnehaha, McCook and Clark
Counties.

Application No. 8185-3 proposes to
change the use (396 acre feet of water
annually) and the period of use
authorized by Water Right No.
2437B-3 and place to beneficial use
207 acre-feet of water annually
reserved by Joint Wellfield's future
use permit. Water Right No. 2437B-3
authorizes 1.78 cubic feet of water
per second (396 acre-feet annually)
from one well (Big Sioux: Brookings
Aquifer) located in the SE 1/4 Section
24 to irrigate 132 acres in the SE 1/4
Section 24; all in T112N-R51W. This
application proposes to change the
use from irrigation to rural water
system with the period of use to
include the entire year. Pending
approval of Application No. 3982B-3,
the diversion point proposed by this
application will be included in the
future use area. This application also
proposes to place to beneficial use
207 acre-feet of the water reserved by
Nos. 3982-3, 3982A-3 and 3982B-3.

Pursuant to SDCL 46-2A-2, the
Chief Engineer recommends
APPROVAL of Application Nos.
3982A-3 and 8185-3 because 1)
unappropriated water is available in
the matter of Application No. 8185-3,
2) existing rights will not be
unlawfully impaired, 3) it is a
beneficial use of water, and 4) it is in

RECEIVED

DEC - 9 2015

WATER RIGHTS
PROGRAM

the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on these applications, as recommended, unless a petition is filed opposing the applications or the applicant files a petition contesting the Chief Engineer's recommendations. If a petition opposing the applications or contesting the recommendations is filed, then a hearing will be scheduled and the Water Management Board will consider these applications. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting these applications or recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendations. 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 December 7, 2015.

The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, 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 these applications.

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

Published once at the total
approximate cost of \$40.92.

11-25-lwc

AFFIDAVIT OF PUBLICATION

RECEIVED

STATE OF SOUTH DAKOTA }
County of Lake } ss.

DEC - 4 2015

WATER RIGHTS
PROGRAM

Judy Dahl

of the City of Madison, County of Lake,
State of South Dakota, being first duly sworn on oath, deposes and says:

The Madison Daily Leader is a daily legal newspaper of general circulation, printed and published in the City of Madison, in said County of Lake, by Hunter Publishing, Inc., Jon M. Hunter, publisher, and has been such legal newspaper during the times hereinafter mentioned; that the said Madison Daily Leader has been in existence as such legal newspaper for more than one year prior to the publication of the notice hereunto attached, and has during all of said time had, and how has, more than 200 bona fide subscribers; that the undersigned, the affiant, is the Secretary of the said newspaper, in charge of the advertising department thereof and has personal knowledge of all the facts stated in this affidavit and the advertisement headed

Joint Wellfield Inc. c/o Gene Wilts

Notice f Application No's 3982B-3 & 8185-3

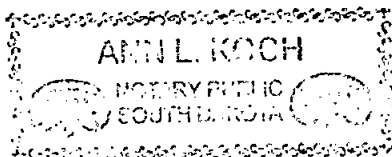
printed copy of which hereunto attached, was printed and published in the said newspaper for One successive weeks, once each week and on the same day of the week, on the following dates, to-wit:

On Wednesday, the 25 day of November, 2015;
On , the day of , 20;
On , the day of , 20;
On , the day of , 20;
On , the day of , 20;
On , the day of , 20;
On , the day of , 20;
On , the day of , 20;

That \$ 37.56 being the full amount of the fees for publication of the attached notice inures solely for the benefit of the publisher of the said newspaper; 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 to any other person whomsoever.

Judy Dahl

Subscribed and sworn to before me this 27th day of
November, 2015



Ann L. Koch
Notary Public, Lake County, South Dakota

Wednesday, Nov. 25

NOTICE OF APPLICATION
NOS. 3982B-3 and 8185-3

Notice is given that Joint Wellfield Inc., c/o Gene Wilts, Manager, PO Box 340, Toronto SD 57268 has filed the following applications for a water permit.

Application No. 3982B-3 proposes to amend Future Use Permit Nos. 3982-3 and 3982A-3 by expanding the future use area. Future Use Permit Nos. 3982-3 and 3982A-3 reserve 207 acre-feet of water from the Big Sioux: Brookings Aquifer located in the NW 1/4 NW 1/4 NE 1/4 and NE 1/4 NE 1/4 NE 1/4 Section 24; NE 1/4 NE 1/4 NE 1/4 Section 25; all in T112N-R51W and SW 1/4 Section 19-T112N-R50W. The application seeks to expand the future use area to include the SE 1/4 Section 24-T112N-R51W. This rural water

system serves users in Brookings, Deuel, Moody, Grant, Kingsbury, Hamlin, Lake, Miner, Minnehaha, McCook and Clark Counties.

Application No. 8185-3 proposes to change the use (396 acre feet of water annually) and the period of use authorized by Water Right No. 2437B-3 and place to beneficial use 207 acre-feet of water annually reserved by Joint Wellfield's future use permit. Water Right No. 2437B-3 authorizes 1.78 cubic feet of water per second (396 acre-feet annually) from one well (Big Sioux: Brookings Aquifer) located in the SE 1/4 Section 24 to irrigate 132 acres in the SE 1/4 Section 24; all in T112N-R51W. This application proposes to change the use from irrigation to rural water system with the period of use to include the entire year. Pending approval of Application No. 3982B-3, the diversion point proposed by this application will be included in the future use area. This application also proposes to place to beneficial use 207 acre-feet of the water reserved by Nos. 3982-3, 3982A-3 and 3982B-3.

Publication Fees \$

Notary Fees \$

Total \$

Received Payment,

In Court

County of

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 3982A-3 and 8185-3 because 1) unappropriated water is available in the matter of Application No. 8185-3, 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 these applications, as recommended, unless a petition is filed opposing the applications or the applicant files a petition contesting the Chief Engineer's recommendations. If a petition opposing the applications or contesting the recommendations is filed, then a hearing will be scheduled and the Water Management Board will consider these applications. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting these applications or recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendations. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3852)" 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 7, 2015.

The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, 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 these applications.

Steven M. Pirner, Secretary
Department of Environment
and Natural Resources.
Published once at the total
approximate cost of \$37.56

AFFIDAVIT OF PUBLICATION

Filed in the office of

..... on the

..... day of

20

Attorneys for

RECEIVED

DEC - 4 2015

WATER RIGHTS
PROGRAM

10/

Legal 354, 1x, 11/25
NOTICE OF APPLICATION NOS. 3982B-3

and 8185-3
Notice is given that Joint Wellfield Inc., c/o Gene Wilt's, Manager, PO Box 340, Toronto SD 57268 has filed the following applications for a water permit. Application No. 3982B-3 proposes to amend Future Use Permit Nos. 3982-3 and 3982A-3 by expanding the future use area. Future Use Permit Nos. 3982-3 and 3982A-3 reserve 207 acre-feet of water from the Big Sioux:Brookings

Aquifer located in the NW 1/4 NW 1/4 NE 1/4 and NE 1/4 NE 1/4 NE 1/4 Section 24; NE 1/4 NE 1/4 NE 1/4 Section 25; all in T112N-R51W and SW 1/4 Section 19-T112N-R50W. The application seeks to expand the future use area to include the SE 1/4 Section 24-T112N-R51W. This rural water system serves users in Brookings, Deuel, Moody, Grant, Kingsbury, Hamlin, Lake, Miner, Minnehaha, McCook and Clark Counties. Application No. 8185-3 proposes to change the use (396 acre feet of water annually) and the period of use authorized by Water Right No. 2437B-3 and place to beneficial use 207 acre-feet of water annually reserved by Joint Wellfield's future use permit. Water Right No. 2437B-3 authorizes 1.78 cubic feet of water per second (396 acre-feet annually) from one well (Big Sioux:Brookings Aquifer) located in the SE 1/4 Section 24 to irrigate 132 acres in the SE 1/4 Section 24; all in T112N-R51W. This application proposes to change the use from irrigation to rural water system with the period of use to include the entire year. Pending approval of Application No. 3982B-3, the diversion point proposed by this application will be included in the future use area. This application also proposes to place to beneficial use 207 acre-feet of the water reserved by Nos. 3982-3, 3982A-3 and 3982B-3. Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 3982A-3 and 8185-3 because 1) unappropriated water is available in the matter of Application No. 8185-3, 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 these applications, as recommended, unless a petition is filed opposing the applications of the applicant files a petition contesting the Chief Engineer's recommendations. If a petition opposing the applications or contesting the recommendations is filed, then a hearing will be scheduled and the Water Management Board will consider these applications. Notice of the hearing will be given to the applicant and any person filing a petition

Affidavit of Publication

State of South Dakota

ss

County of Brookings

Katherine Foiles of said county, first duly sworn, on oath, says: That she is the office clerk of THE BROOKINGS REGISTER, a daily newspaper, printed and published in the City of Brookings, in said County of Brookings, and State of South Dakota; that she has full and personal knowledge of the facts herein stated; that said newspaper is a legal newspaper and has a bona fide circulation of at least two hundred copies of each issue daily; that said newspaper has been published within the said County of Brookings and State of South Dakota, for more than one year prior to the first publication of Exhibit "A," hereto attached and herein mentioned, and was and is printed that the

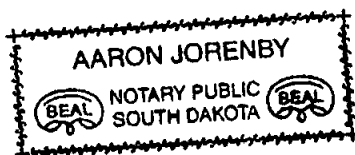
Leg#354 Notice of Application # 398213-3 and 8185-3

same was published, is hereto attached marked Exhibit said newspaper for _____ 1 times, to-wit:

November 25, 2015

said Exhibit "A" inures to the sole benefit for the publishers of said newspaper; that no agreement or understanding for the division thereof has been made with any other person, and that no part thereof has been agreed to be paid to any person whomsoever; that the fees charged for the publication thereof are:

Thirty-Six Dollars and Ninety- Eight Cents \$36.98



November

27 day of

2015

Notary Public in and for the County of Brookings, South Dakota.
My Commission expires February 22, 2020.

Any person interested in opposing or supporting these applications or recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendations. 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 December 7, 2015. The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, 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 these applications. Steven M. Pirner, Secretary, Department of Environment and Natural Resources. Published once at the total approximate cost of \$36.98.

**NOTICE OF APPLICATION
NOS. 3982B-3 and 8185-3**

Notice is given that Joint Wellfield Inc., c/o Gene Wilts, Manager, PO Box 340, Toronto SD 57268 has filed the following applications for a water permit.

Application No. 3982B-3 proposes to amend Future Use Permit Nos. 3982-3 and 3982A-3 by expanding the future use area. Future Use Permit Nos. 3982-3 and 3982A-3 reserve 207 acre-feet of water from the Big Sioux-Brookings Aquifer located in the NW 1/4 NW 1/4 NE 1/4 and NE 1/4 NE 1/4 NE 1/4 Section 24; NE 1/4 NE 1/4 NE 1/4 Section 25; all in T112N-R51W and SW 1/4 Section 19-T112N-R50W. The application seeks to expand the future use area to include the SE 1/4 Section 24-T112N-R51W. This rural water system serves users in Brookings, Deuel, Moody, Grant, Kingsbury, Hamlin, Lake, Miner, Minnehaha, McCook and Clark Counties.

Application No. 8185-3 proposes to change the use (396 acre feet of water annually) and the period of use authorized by Water Right No. 2437B-3 and place to beneficial use 207 acre-feet of water annually reserved by Joint Wellfield's future use permit. Water Right No. 2437B-3 authorizes 1.78 cubic feet of water per second (396 acre-feet annually) from one well (Big Sioux-Brookings Aquifer) located in the SE 1/4 Section 24 to irrigate 132 acres in the SE 1/4 Section 24; all in T112N-R51W. This application proposes to change the use from irrigation to rural water system with the period of use to include the entire year. Pending approval of Application No. 3982B-3, the diversion point proposed by this application will be included in the future use area. This application also proposes to place to beneficial use 207 acre-feet of the water reserved by Nos. 3982-3, 3982A-3 and 3982B-3.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 3982A-3 and 8185-3 because 1) unappropriated water is available in the matter Application No. 8185-3, 2) exist-

ing 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 these applications, as recommended, unless a petition is filed opposing the applications or the applicant files a petition contesting the Chief Engineer's recommendations. If a petition opposing the applications or contesting the recommendations is filed, then a hearing will be scheduled and the Water Management Board will consider these applications. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting these applications or recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendations. 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 December 7, 2015.

The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, 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 these applications. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.

Published once at the
total approximate cost of \$37.71.
11-25-1t

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 at 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

**SD DNR
-Joint Wellfield, Inc.**

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

One

successive week(s), on the day of each week on which said newspaper was regularly published, to wit:

November 25, 2015

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

\$37.71

William J. Krikac

Subscribed and sworn to before me this

25th day of November, 2015

Anne Wilke

Notary Public
Clark County, South Dakota

My Commission expires: 06/04/2019

RECEIVED

DEC - 3 2015

WATER RIGHTS
PROGRAM

AFFIDAVIT OF PUBLICATION

STATE OF SOUTH DAKOTA
COUNTY OF DEUEL

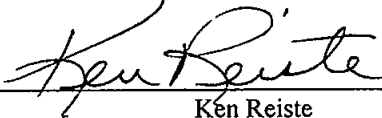
Ken Reiste being first duly sworn, on oath says: That he is publisher of the Clear Lake Courier, a weekly newspaper published in the City of Clear Lake, Deuel County, South Dakota; that he has full and personal knowledge of all facts herein stated; that said newspaper is a legal newspaper as defined in SDCL 17-2-2.1 through 17-2-2.4 inclusive; that said newspaper has been published within the said County of Deuel and State of South Dakota, for at least one year next prior to the first publication of the attached public notice, and that the

Notice Of Application Nos. 3982B-3 and 8185-3

a printed copy of which, taken from the paper in which the same was published, and which is hereto attached and made a part of this affidavit, was published in said newspaper for one successive week(s) to wit:

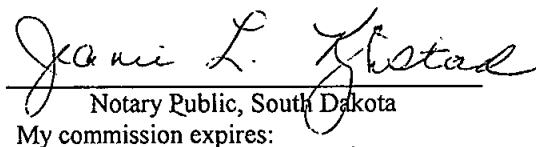
November 25, 2015

That the full amount of the fee charged for publication of the attached public notice insures to the sole benefit of the publisher; that no agreement or understanding for the division thereof has been made with any other person, and that no part thereof has been agreed to be paid to any person whomsoever; that the fees charged for the publication thereof are: \$39.07

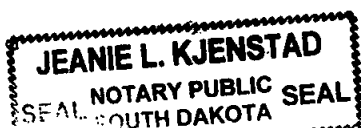

Ken Reiste

Subscribed and sworn to before me

this 25 day of November
2015


Notary Public, South Dakota
My commission expires:

My Commission Expires
01/06/17



NOTICE OF APPLICATION NOS. 3982B-3 and 8185-3

Notice is given that Joint Wellfield Inc., c/o Gene Wilts, Manager, PO Box 340, Toronto SD 57268 has filed the following applications for a water permit.

Application No. 3982B-3 proposes to amend Future Use Permit Nos. 3982-3 and 3982A-3 by expanding the future use area. Future Use Permit Nos. 3982-3 and 3982A-3 reserve 207 acre-feet of water from the Big Sioux: Brookings Aquifer located in the NW 1/4 NW 1/4 NE 1/4 and NE 1/4 NE 1/4 NE 1/4 Section 24; NE 1/4 NE 1/4 NE 1/4 Section 25; all in T112N-R51W and SW 1/4 Section 19-T112N-R50W. The application seeks to expand the future use area to include the SE 1/4 Section 24-T112N-R51W. This rural water system serves users in Brookings, Deuel, Moody, Grant, Kingsbury, Hamlin, Lake, Miner, Minnehaha, McCook and Clark Counties.

Application No. 8185-3 proposes to change the use (396 acre feet of water annually) and the period of use authorized by Water Right No. 2437B-3 and place to beneficial use 207 acre-feet of water annually reserved by Joint Wellfield's future use permit. Water Right No. 2437B-3 authorizes 1.78 cubic feet of water per second (396 acre-feet annually) from one well (Big Sioux: Brookings Aquifer) located in the SE 1/4 Section 24 to irrigate 132 acres in the SE 1/4 Section 24; all in T112N-R51W. This application proposes to change the use from irrigation to rural water system with the period of use to include the entire year. Pending approval of Application No. 3982B-3, the diversion point proposed by this application will be included in the future use area. This application also proposes to place to beneficial use 207 acre-feet of the water reserved by Nos. 3982-3, 3982A-3 and 3982B-3.

Pursuant to SDCL 46-2A-2, the Chief

Engineer recommends APPROVAL of Application Nos. 3982A-3 and 8185-3 because 1) unappropriated water is available in the matter of Application No. 8185-3, 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 these applications, as recommended, unless a petition is filed opposing the applications or the applicant files a petition contesting the Chief Engineer's recommendations. If a petition opposing the applications or contesting the recommendations is filed, then a hearing will be scheduled and the Water Management Board will consider these applications. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting these applications or recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendations. 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 December 7, 2015.

The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, 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 these applications.

Steven M. Pirner, Secretary,
Department of Environment

and Natural Resources.
Published once at the total approximate cost of \$39.07. (40-1/102)

RECEIVED

DEC - 2 2015

WATER RIGHTS
PROGRAM

CUSTOMER NUMBER:	078200	Argus Leader P.O. Box 677349, Dallas, TX 75267-7349	
AD ORDER NUMBER:	870730		
11/25, 2015			\$91.58 Pd

RECEIVED
NOV 30 2015
WATER RIGHTS PROGRAM

Joint Wellfield Inc.
 Attn: Gene Wilts, Manager
 PO Box 340
 Toronto, SD 57268

DETACH THIS STUB AND RETURN WITH PAYMENT

PAYMENT DUE UPON RECEIPT

AFFIDAVIT OF PUBLICATION-

Customer Number: 078200

Invoice Number: 870730

Argus Leader

AFFIDAVIT OF PUBLICATION

STATE OF SOUTH DAKOTA

COUNTY OF MINNEHAHA } ss

Linda Schulte being duly sworn, says: That The Argus Leader is, and during all the times hereinafter mentioned was, a daily legal newspaper as defined by SDCL 17-2-21, as amended published at Sioux Falls, Minnehaha County, South Dakota; that affiant is and during all of said times, was an employee of the publisher of such newspaper and has personal knowledge of the facts stated in this affidavit; that the notice, order or advertisement, a printed copy of which is hereto attached, was published in said newspaper upon

Wednesday the	25	day of	November	2015
_____ the	_____	day of	_____	2015
_____ the	_____	day of	_____	2015
_____ the	_____	day of	_____	2015
_____ the	_____	day of	_____	2015
_____ the	_____	day of	_____	2015
_____ the	_____	day of	_____	2015

and that \$91.58 Pd was charged for publishing the same including a \$10.00 affidavit fee.

Linda Schulte
 Subscribed and sworn to before me 11/25/2015

Betty Gates

Notary Public, South Dakota

My Commission expires March 11, 2016

NOTICE OF APPLICATION NOS.

3982B-3 and 8185-3
 Notice is given that Joint Wellfield Inc., c/o Gene Wilts, Manager, PO Box 340, Toronto SD 57268 has filed the following applications for a water permit.

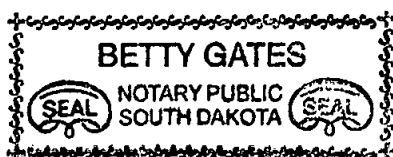
Application No. 3982B-3 proposes to amend Future Use Permit Nos. 3982-3 and 3982A-3 by expanding the future use area. Future Use Permit Nos. 3982-3 and 3982A-3 reserve 207 acre-feet of water from the Big Sioux-Brookings Aquifer located in the NW 1/4 NW 1/4 NE 1/4 and NE 1/4 NE 1/4 NE 1/4 Section 24; NE 1/4 NE 1/4 NE 1/4 Section 25; all in T112N-R51W and SW 1/4 Section 19-T112N-R50W. The application seeks to expand the future use area to include the SE 1/4 Section 24-T112N-R51W. This rural water system serves users in Brookings, Deuel, Moody, Grant, Kingsbury, Hamlin, Lake, Miner, Minnehaha, McCook and Clark Counties. Application No. 8185-3 proposes to change the use (396 acre-feet of water annually) and the period of use authorized by Water Right No. 2437B-3 and place to beneficial use 207 acre-feet of water annually reserved by Joint Wellfield's future use permit. Water Right No. 2437B-3 authorizes 1.78 cubic feet of water per second (396 acre-feet annually) from one well (Big Sioux-Brookings Aquifer) located in the SE 1/4 Section 24 to irrigate 132 acres in the SE 1/4 Section 24; all in T112N-R51W. This application proposes to change the use from irrigation to rural water system with the period of use to include the entire year. Pending approval of Application No. 3982B-3, the diversion point proposed by this application will be

included in the future use or the petitioner's legal area. This application also proposes to place to beneficial use 207 acre-feet of the Grondlund of the above water reserved by Nos. 3982-3, 3982A-3 and 3982B-3. Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 3982A-3 and 8185-3 because 1) and Natural Resources. unappropriated water is available in the matter of Application No. 8185-3, 2) 870730 * Nov. 25, 2015

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 these applications, as recommended, unless a petition is filed opposing the applications or the applicant files a petition contesting the Chief Engineer's recommendations. If a petition opposing the applications or contesting the recommendations is filed, then a hearing will be scheduled and the Water Management Board will consider these applications. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting these applications or recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendations. 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 December 7, 2015.

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



RECEIVED

NOV 3 0 2015

Form 8

WATER RIGHTS
PROGRAM

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)

County of Hamlin) SS

I, LeeAnne Dufek

certify that the attached printed Notice was taken

from the Estelline Journal

printed and published in Estelline

County of Hamlin and

state of South Dakota. The notice was published

in the newspaper on the following date:

Nov. 25, 2015

Cost of Printing \$ 35.64

LeeAnne Dufek

(Signature)

Owner

(Title)

11-25-15

(Date Signed)

NOTICE OF APPLICATION NOS. 3982B-3 AND 8185-3

Notice is given that Joint Wellfield Inc., c/o Gene Wilts, Manager, PO Box 340, Toronto SD 57268 has filed the following applications for a water permit.

Application No. 3982B-3 proposes to amend Future Use Permit Nos. 3982-3 and 3982A-3 by expanding the future use area. Future Use Permit Nos. 3982-3 and 3982A-3 reserve 207 acre-feet of water from the Big Sioux:Brookings Aquifer located in the NW 1/4 NW 1/4 NE 1/4 and NE 1/4 NE 1/4 NE 1/4 Section 24; NE 1/4 NE 1/4 NE 1/4 Section 25; all in T112N-R51W and SW 1/4 Section 19-T112N-R50W. The application seeks to expand the future use area to include the SE 1/4 Section 24-T112N-R51W. This rural water system serves users in Brookings, Deuel, Moody, Grant, Kingsbury, Hamlin, Lake, Miner, Minnehaha, McCook and Clark Counties.

Application No. 8185-3 proposes to change the use (396 acre feet of water annually) and the period of use authorized by Water Right No. 2437B-3 and place to beneficial use 207 acre-feet of water annually reserved by Joint Wellfield's future use permit. Water Right No. 2437B-3 authorizes 1.78 cubic feet of water per second (396 acre-feet annually) from one well (Big Sioux:Brookings Aquifer) located in the SE 1/4 Section 24 to irrigate 132 acres in the SE 1/4 Section 24; all in T112N-R51W. This application proposes to change

the use from irrigation to rural water system with the period of use to include the entire year. Pending approval of Application No. 3982B-3, the diversion point proposed by this application will be included in the future use area. This application also proposes to place to beneficial use 207 acre-feet of the water reserved by Nos. 3982-3, 3982A-3 and 3982B-3.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 3982A-3 and 8185-3 because 1) unappropriated water is available in the matter of Application No. 8185-3, 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 these applications, as recommended, unless a petition is filed opposing the applications or the applicant files a petition contesting the Chief Engineer's recommendations. If a petition opposing the applications or contesting the recommendations is filed, then a hearing will be scheduled and the Water Management Board will consider these applications. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting these applications or recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the

Chief Engineer's recommendations. 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 December 7, 2015.

The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, 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 these applications. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.

Published Nov. 25, 2015, at total cost of \$35.64.

Printer's Affidavit of Publication

RECEIVED

STATE OF SOUTH DAKOTA
COUNTY OF GRANT

} ss.

NOV 30 2015

WATER RIGHTS
PROGRAM

Ashlie Schweitzer

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 Grant County Review, Inc., 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, Bookkeeper of said newspaper, in charge of the accounts receivable department thereof, have personal knowledge of all the facts stated in this affidavit; that the advertisement headed Notice of

Application Nos. 3982B-3 and 8185-3
Joint Wellfield Inc.

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

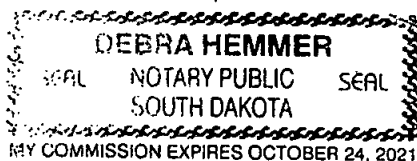
<u>November 25</u>	<u>20 15</u>	<u>20</u>
<u>20</u>	<u>20</u>	<u>20</u>
<u>20</u>	<u>20</u>	<u>20</u>

That \$ 37.04, 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.

Ashlie Schweitzer

Subscribed and sworn to before me this 25th day of Nov 20 15

Debra Hemmer
Notary Public, Grant County, South Dakota



NOTICE OF APPLICATION NOS. 3982B-3 and 8185-3

Notice is given that Joint Wellfield Inc., c/o Gene Wilts, Manager, PO Box 340, Toronto SD 57268 has filed the following applications for a water permit.

Application No. 3982B-3 proposes to amend Future Use Permit Nos. 3982-3 and 3982A-3 by expanding the future use area. Future Use Permit Nos. 3982-3 and 3982A-3 reserve 207 acre-feet of water from the Big Sioux: Brookings Aquifer located in the NW 1/4 NW 1/4 NE 1/4 and NE 1/4 NE 1/4 NE 1/4 Section 24; NE 1/4 NE 1/4 NE 1/4 Section 25; all in T112N-R51W and SW 1/4 Section 19-T112N-R50W. The application seeks to expand the future use area to include the SE 1/4 Section 24-T112N-R51W. This rural water system serves users in Brookings, Deuel, Moody, Grant, Kingsbury, Hamlin, Lake, Miner, Minnehaha, McCook and Clark Counties.

Application No. 8185-3 proposes to change the use (396 acre feet of water annually) and the period of use authorized by Water Right No. 2437B-3 and place to beneficial use 207 acre-feet of water annually reserved by Joint Wellfield's future use permit. Water Right No. 2437B-3 authorizes 1.78 cubic feet of water per second (396 acre-feet annually) from one well (Big Sioux: Brookings Aquifer) located in the SE 1/4 Section 24 to irrigate 132 acres in the SE 1/4 Section 24; all in T112N-R51W. This application proposes to change the use from irrigation to rural water system with the period of use to include the entire year. Pending approval of Application No. 3982B-3, the diversion point proposed by this application will be included in the future use area. This application also proposes to place to beneficial use 207 acre-feet of the water reserved by Nos. 3982-3, 3982A-3 and 3982B-3.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 3982A-3 and 8185-3 because 1) unappropriated water is available in the matter of Application No. 8185-3, 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 these applications, as recommended, unless a petition is filed opposing the applications or the applicant files a petition contesting the Chief Engineer's recommendations. If a petition opposing the applications or contesting the recommendations is filed, then a hearing will be scheduled and the Water Management Board will consider these applications. Notice of the hearing will be given to the applicant and any person filing a petition.

Publication Fee \$ 37.04
Notarial Fee \$
Total \$ 37.04

Printer's Affidavit of Publication
and Attorney's Affidavit Ex-Rel. Fees

In _____ Court

STATE OF SOUTH DAKOTA
COUNTY OF GRANT } ss.

Filed in the office of _____

_____ on the

_____ day of _____, 20____

Attorney for _____

Any person interested in opposing or supporting these applications or recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendations. 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 December 7, 2015.

The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, 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 these applications. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.

Published once at an approximate cost of \$37.04.

Schlaak, Karen

From: Schlaak, Karen
Sent: Tuesday, November 17, 2015 8:53 AM
To: 'bdrws@inctel.com'
Subject: Joint Wellfield Inc. notice
Attachments: 3982B-3&8185-3pluralpublic-short.docx; 3982B-3&8185-3pluralAPP1.docx

Gene Wilts,

Yesterday we mailed you a letter, report, recommendation and public notice for Application Nos. 3982B-3 and 8185-3. We later found an error in the notice regarding the Aquifer designation. The second and third paragraphs stated the water was from the Big Sioux. We have change that to Big Sioux:Brookings Aquifer.

The correct notice was emailed to each of the 11 papers this morning (see attached notice). The notices are scheduled to be published next week. I have also attached our letter listing the papers that you need to contact to authorize publication and arrange for payment of the notice. The sooner this can be done the better.

The Moody County Enterprise paper emailed me back saying you needed to contact them today because they were going to be out of the office the rest of the week.

If you have questions, let me know.

Karen Schlaak
Water Rights Program
523 E Capitol Ave
Pierre SD 57501
Phone: 605 773-3352

Schlaak, Karen

From: Schlaak, Karen
Sent: Tuesday, November 17, 2015 8:15 AM
To: courier@itctel.com
Subject: Joint Wellfield Inc. notice
Attachments: 3982B-3&8185-3pluralpublic-short.docx; FORM8.FRM.doc

Attached is a notice to be published on November 25, 2015.

Joint Wellfield Inc., c/o Gene Wilts, Manager, PO Box 340, Toronto SD 57268 (605 794-4201) has been notified to contact you to authorize publication and arrange for payment.

Please send the affidavit or return the attached Proof of Publication form ASAP.

Let me know if you have questions. Please acknowledge receipt of this email.

Karen Schlaak
Water Rights Program
523 E Capitol Ave
Pierre SD 57501
Phone: 605 773-3352

Schlaak, Karen

From: Schlaak, Karen
Sent: Tuesday, November 17, 2015 8:14 AM
To: Salem Special / Troy Schwans (tschwans@triotel.net)
Subject: Joint Wellfield Inc. notice
Attachments: 3982B-3&8185-3pluralpublic-short.docx; FORM8.FRM.doc

Attached is a notice to be published the week of November 23, 2015.

Joint Wellfield Inc., c/o Gene Wilts, Manager, PO Box 340, Toronto SD 57268 (605 794-4201) has been notified to contact you to authorize publication and arrange for payment.

Please send the affidavit or return the attached Proof of Publication form ASAP.

Let me know if you have questions. Please acknowledge receipt of this email.

Karen Schlaak
Water Rights Program
523 E Capitol Ave
Pierre SD 57501
Phone: 605 773-3352

Schlaak, Karen

From: Schlaak, Karen
Sent: Tuesday, November 17, 2015 8:12 AM
To: allegals@argusleader.com
Subject: Joint Wellfield Inc. notice
Attachments: 3982B-3&8185-3pluralpublic-short.docx; FORM8.FRM.doc

Attached is a notice to be published on November 25, 2015.

Joint Wellfield Inc., c/o Gene Wilts, Manager, PO Box 340, Toronto SD 57268 (605 794-4201) has been notified to contact you to authorize publication and arrange for payment.

Please send the affidavit or return the attached Proof of Publication form ASAP.

Let me know if you have questions. Please acknowledge receipt of this email.

Karen Schlaak
Water Rights Program
523 E Capitol Ave
Pierre SD 57501
Phone: 605 773-3352

Schlaak, Karen

From: Schlaak, Karen
Sent: Tuesday, November 17, 2015 8:11 AM
To: ads@minercountypioneer.com
Subject: FW: Joint Wellfield Inc. notice
Attachments: 3982B-3&8185-3pluralpublic-short.docx; FORM8.FRM.doc

Attached is a notice to be published the week of November 23, 2015.

Joint Wellfield Inc., c/o Gene Wilts, Manager, PO Box 340, Toronto SD 57268 (605 794-4201) has been notified to contact you to authorize publication and arrange for payment.

Please send the affidavit or return the attached Proof of Publication form ASAP.

Let me know if you have questions. Please acknowledge receipt of this email.

Karen Schlaak
Water Rights Program
523 E Capitol Ave
Pierre SD 57501
Phone: 605 773-3352

Schlaak, Karen

From: Schlaak, Karen
Sent: Tuesday, November 17, 2015 8:09 AM
To: ads@madisondailyleader.com
Subject: Joint Wellfield Inc. notice
Attachments: 3982B-3&8185-3pluralpublic-short.docx; FORM8.FRM.doc

Attached is a notice to be published on November 25, 2015.

Joint Wellfield Inc., c/o Gene Wilts, Manager, PO Box 340, Toronto SD 57268 (605 794-4201) has been notified to contact you to authorize publication and arrange for payment.

Please send the affidavit or return the attached Proof of Publication form ASAP.

Let me know if you have questions. Please acknowledge receipt of this email.

Karen Schlaak
Water Rights Program
523 E Capitol Ave
Pierre SD 57501
Phone: 605 773-3352

Schlaak, Karen

From: Schlaak, Karen
Sent: Tuesday, November 17, 2015 8:08 AM
To: Hamlin County Publishing (hcp@itctel.com)
Subject: Joint Wellfield Inc. notice
Attachments: 3982B-3&8185-3pluralpublic-short.docx; FORM8.FRM.doc

Attached is a notice to be published in the Estelline Journal on November 25, 2015.

Joint Wellfield Inc., c/o Gene Wilts, Manager, PO Box 340, Toronto SD 57268 (605 794-4201) has been notified to contact you to authorize publication and arrange for payment.

Please send the affidavit or return the attached Proof of Publication form ASAP.

Let me know if you have questions. Please acknowledge receipt of this email.

Karen Schlaak
Water Rights Program
523 E Capitol Ave
Pierre SD 57501
Phone: 605 773-3352

Schlaak, Karen

From: Schlaak, Karen
Sent: Tuesday, November 17, 2015 8:07 AM
To: mail@desmetnews.com
Subject: Joint Wellfield Inc. notice
Attachments: 3982B-3&8185-3pluralpublic-short.docx; FORM8.FRM.doc

Attached is a notice to be published on November 25, 2015.

Joint Wellfield Inc., c/o Gene Wilts, Manager, PO Box 340, Toronto SD 57268 (605 794-4201) has been notified to contact you to authorize publication and arrange for payment.

Please send the affidavit or return the attached Proof of Publication form ASAP.

Let me know if you have questions. Please acknowledge receipt of this email.

Karen Schlaak
Water Rights Program
523 E Capitol Ave
Pierre SD 57501
Phone: 605 773-3352

Schlaak, Karen

From: Schlaak, Karen
Sent: Tuesday, November 17, 2015 8:06 AM
To: Julie Madison, Grant County Review (gcreview@itcmilbank.com)
Subject: Joint Wellfield Inc. notice
Attachments: 3982B-3&8185-3pluralpublic-short.docx; FORM8.FRM.doc

Attached is a notice to be published on November 25, 2015.

Joint Wellfield Inc., c/o Gene Wilts, Manager, PO Box 340, Toronto SD 57268 (605 794-4201) has been notified to contact you to authorize publication and arrange for payment.

Please send the affidavit or return the attached Proof of Publication form ASAP.

Let me know if you have questions. Please acknowledge receipt of this email.

Karen Schlaak
Water Rights Program
523 E Capitol Ave
Pierre SD 57501
Phone: 605 773-3352

Schlaak, Karen

From: Schlaak, Karen
Sent: Tuesday, November 17, 2015 8:05 AM
To: mce6@mcisweb.com
Subject: Joint Wellfield Inc. notice
Attachments: 3982B-3&8185-3pluralpublic-short.docx; FORM8.FRM.doc

Attached is a notice to be published on November 25, 2015.

Joint Wellfield Inc., c/o Gene Wilts, Manager, PO Box 340, Toronto SD 57268 (605 794-4201) has been notified to contact you to authorize publication and arrange for payment.

Please send the affidavit or return the attached Proof of Publication form ASAP.

Let me know if you have questions. Please acknowledge receipt of this email.

Karen Schlaak
Water Rights Program
523 E Capitol Ave
Pierre SD 57501
Phone: 605 773-3352

Schlaak, Karen

From: Schlaak, Karen
Sent: Tuesday, November 17, 2015 8:03 AM
To: Clear Lake Courier (clprint1@itctel.com)
Subject: Joint Wellfield Inc. notice
Attachments: 3982B-3&8185-3pluralpublic-short.docx; FORM8.FRM.doc

Attached is a notice to be published on November 25, 2015.

Joint Wellfield Inc., c/o Gene Wilts, Manager, PO Box 340, Toronto SD 57268 (605 794-4201) has been notified to contact you to authorize publication and arrange for payment.

Please send the affidavit or return the attached Proof of Publication form ASAP.

Let me know if you have questions. Please acknowledge receipt of this email.

Karen Schlaak
Water Rights Program
523 E Capitol Ave
Pierre SD 57501
Phone: 605 773-3352

Schlaak, Karen

From: Schlaak, Karen
Sent: Tuesday, November 17, 2015 8:02 AM
To: registerclassifieds (registerclassifieds@brookingsregister.com)
Subject: Joint Wellfield Inc. notice
Attachments: 3982B-3&8185-3pluralpublic-short.docx; FORM8.FRM.doc

Attached is a notice to be published on November 25, 2015.

Joint Wellfield Inc., c/o Gene Wilts, Manager, PO Box 340, Toronto SD 57268 (605 794-4201) has been notified to contact you to authorize publication and arrange for payment.

Please send the affidavit or return the attached Proof of Publication form ASAP.

Let me know if you have questions. Please acknowledge receipt of this email.

Karen Schlaak
Water Rights Program
523 E Capitol Ave
Pierre SD 57501
Phone: 605 773-3352



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

denr.sd.gov

NOTE: TO BE SURE OF PUBLICATION ON
THE CORRECT DATE, CONTACT
THE NEWSPAPER(S) RIGHT AWAY.

November 16, 2015

Joint Wellfield Inc
Gene Wilts, Manager
PO Box 340
Toronto SD 57268

Dear Mr. Wilts:

Water Permit Application Nos. 3982B-3 and 8185-3 for rural water system use have been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the following newspapers:

Brookings Register 605-692-6271
Clear Lake Courier 605-874-2499
Moody County Enterprise 605-997-3725
Grant County Review 605-432-4516
DeSmet News 605-854-3331
Estelline Journal 605-873-2475

Madison Daily Leader 605-256-4555
Miner County Pioneer 605-772-5644
Argus Leader 605-331-2200
Salem Special 605-425-2361
Clark County Courier 605-532-5424

You will need to contact the newspaper(s) and authorize publication of this notice. For your information, a copy of the notice, the recommendations of the Chief Engineer and reports on the applications are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspaper(s) to authorize publication of your Notice and to arrange for payment. Early contact with the paper(s) can eliminate delays. Upon receiving authorization from you, the publisher has been instructed to publish your notice. The newspaper(s) has also been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the applications.

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 applications.

Instruction to Newspaper - Publish the Notice on November 25, 2015. The applicant is responsible for payment.

NOTICE OF APPLICATION NOS. 3982B-3 and 8185-3

Notice is given that Joint Wellfield Inc., c/o Gene Wilts, Manager, PO Box 340, Toronto SD 57268 has filed the following applications for a water permit.

Application No. 3982B-3 proposes to amend Future Use Permit Nos. 3982-3 and 3982A-3 by expanding the future use area. Future Use Permit Nos. 3982-3 and 3982A-3 reserve 207 acre-feet of water from the Big Sioux:Brookings Aquifer located in the NW 1/4 NW 1/4 NE 1/4 and NE 1/4 NE 1/4 NE 1/4 Section 24; NE 1/4 NE 1/4 NE 1/4 Section 25; all in T112N-R51W and SW 1/4 Section 19-T112N-R50W. The application seeks to expand the future use area to include the SE 1/4 Section 24-T112N-R51W. This rural water system serves users in Brookings, Deuel, Moody, Grant, Kingsbury, Hamlin, Lake, Miner, Minnehaha, McCook and Clark Counties.

Application No. 8185-3 proposes to change the use (396 acre feet of water annually) and the period of use authorized by Water Right No. 2437B-3 and place to beneficial use 207 acre-feet of water annually reserved by Joint Wellfield's future use permit. Water Right No. 2437B-3 authorizes 1.78 cubic feet of water per second (396 acre-feet annually) from one well (Big Sioux:Brookings Aquifer) located in the SE 1/4 Section 24 to irrigate 132 acres in the SE 1/4 Section 24; all in T112N-R51W. This application proposes to change the use from irrigation to rural water system with the period of use to include the entire year. Pending approval of Application No. 3982B-3, the diversion point proposed by this application will be included in the future use area. This application also proposes to place to beneficial use 207 acre-feet of the water reserved by Nos. 3982-3, 3982A-3 and 3982B-3.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 3982A-3 and 8185-3 because 1) unappropriated water is available in the matter of Application No. 8185-3, 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 these applications, as recommended, unless a petition is filed opposing the applications or the applicant files a petition contesting the Chief Engineer's recommendations. If a petition opposing the applications or contesting the recommendations is filed, then a hearing will be scheduled and the Water Management Board will consider these applications. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting these applications or recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendations. 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 December 7, 2015.

The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, 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 these applications. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.
Published once at the total approximate cost of _____.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

denr.sd.gov

JAN 15 2016

Joint Well Field Inc.
c/o Gene Wilts
PO Box 340
Toronto SD 57268

Dear Mr. Wilts:

Enclosed is Future Use Water Permit No. 3982B-3 authorizing the expansion of the future use area authorized by Nos. 3982-3 and 3982A-3.

Also, enclosed is Water Permit No. 8185-3 which changed the use and period of use authorized by Water Right No. 2437B-3 and placed to beneficial use the remainder of water reserved by Future Use Permit No. 3982B-3 (207 acre-feet annually).

If you have any questions, please contact me.

Sincerely,

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

enclosures

Permit	Name	CFS	AF	Priority	Diversion Point Location	Aquifer	Status
4367-3	Kingbrook RWS	3.00	no AF limit	1-9-79	SE 1/4 NE 1/4 8-105N-51W NE 1/4 NE 1/4 17-105N-51W	BS-NSC	LC
5646-3	Kingbrook RWS	1.00	425	3-19-92	NW 1/4 SW 1/4 9-105N-51W	BS-NSC	LC
4311A-3	Kingbrook RWS	1.15	266	6-26-78	NW 1/4 SE 1/4 8-105N-51W	BS-NSC	LC
6531-3	Kingbrook RWS	1.05	350	2-27-90 (232 AF) 8-5-04 (118 AF)	NW 1/4 NE 1/4 17-105N-51W	BS-NSC	LC
6730-3	Kingbrook RWS	0.67	*	6-5-06	SW 1/4 SE 1/4 8-105N-51W	BS-NSC	LC
* 5646-3, 4311A-3, 6531-3 and 6730-3 authorize total diversion of 1,041 AF							
5643-3	Kingbrook RWS		425 remains	3-19-92	portions of Sections 8, 9, 17; all in 105N-51W	BS-NSC	FU
4137-3	Kingbrook RWS	1.06	*	3-4-77	SW 1/4 SE 1/4, SE 1/4 NE 1/4 8; SE 1/4 NE 1/4 17; all in 111N-56W	VEF	LC
5186-3	Kingbrook RWS	0.70	*	3-29-88	SW 1/4 SW 1/4 16-111N-56W	VEF	LC
5426-3	Kingbrook RWS	1.40	*	8-15-88	SE 1/4 NW 1/4, NW 1/4 NW 1/4 all in 6-111N-56W	VEF	LC
6731-3	Kingbrook RWS	2.60	*	8-15-88 (1.4 cfs) 6-5-06 (1.2 cfs)	NE 1/4 NW 1/4, NW 1/4 NW 1/4, SE 1/4 NW 1/4; all in 6-111N-56W	VEF	LC
* 4137-3, 5186-3, 5426-3 and 6731-3 authorizes a total diversion of 1,350 AF							
5209-3	Kingbrook RWS		1,100	8-15-88	portions of Sections 10, 8 and 6, all in 111N-56W	VEF	FU
5079-3	Brookings-Deuel-Kingbrook	2.90	no AF limit	5-5-75 (2.10 cfs) 6-6-77 (0.80 cfs)	NE 1/4 24; NE 1/4 NE 1/4 25; 112N-51W; NW 1/4 SW 1/4 19-112N-50W	BS-B	LC
5434-3	Brookings-Deuel-Kingbrook	1.00	434	3-1-76 (210 AF) 4-2-90 (224 AF)	NW 1/4 NE 1/4 25-112N-51W	BS-B	LC
5602-3	Brookings-Deuel-Kingbrook	1.00	434	6-6-77	NE 1/4 NE 1/4 25-112N-51W	BS-B	LC
6002-3	Brookings-Deuel-Kingbrook	0.78	362	6-6-77	NW 1/4 SW 1/4 19-112N-50W	BS-B	LC
6718-3	Brookings-Deuel-Kingbrook	0.56	300	6-6-77	SW 1/4 SW 1/4 19-112N-R50W	BS-B	LC
8185-3	Joint Well Field		396 207	10-30-75 6-6-77	SE 1/4 24-112N-51W	BS-B	PE
6988-3	Joint Well Field		2,809 remains	2-28-08	N 1/2 NE 1/4 24; N 1/2 NE 1/4 25; 112N-51W & SW 1/4 19-112N-50W	BS-B	FU

June 27, 2016

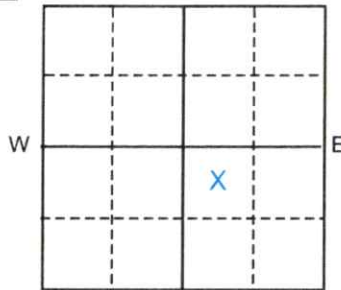
SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec 24 Twp 112 Rg 51County BROOKINGS

North

Please mark well location with an "X"

Well Completion Date
10/30/2023

1 Mile

Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)?
1200 ft. from SEPTIC (identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

MUD ROTARY

CASING DATA:

☒ Steel
☐ Plastic
☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT	<u>18</u> IN	<u>+1.75</u> FT	<u>45</u> FT	<u>24</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>PORTLAND CEMENT</u>	<u>2.5 YARDS</u>	Lb/gal	<u>22</u> Ft	<u>45</u> Ft
<u>BENTONITE</u>	<u>34 BAGS</u>	Lb/gal	<u>0</u> Ft	<u>22</u> Ft

Describe grouting procedure

SCREEN:

☐ Perforated pipe
☒ Manufactured
Diameter 14 Inches Length 21 FeetMaterial STAINLESS STEELSlot Size 60 / 90 Set From 43.5 Feet to 64.5 Feet

Other information

9" STAINLESS STEEL LEADER ABOVE SCREENWAS A PACKER OR SEAL USED? ☒ Yes ☐ NoIf so, what material? STEEL/ NEOPRENEDescribe packer(s) and location 34.5

DISINFECTION: Was well disinfected upon completion?

☒ Yes, How? CHLORINATION
Lab to which water ☐ No, Why Not?quality sample sent for analysis SD PUBLIC HEALTH LABWell Owner: JOINT WELL FIELDBusiness Name: SAMEAddress: PO BOX 340City, State, Zip: TORONTO SD 57268

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>TOP SOIL</u>	<u>0</u>	<u>1</u>
<u>BROWN CLAY</u>	<u>1</u>	<u>3</u>
<u>SAND/ GRAVEL</u>	<u>3</u>	<u>60</u>
<u>GRAVEL W/ CLAY LAYER</u>	<u>60</u>	<u>64</u>
<u>GRAY CLAY/ SAND</u>	<u>64</u>	<u>69</u>

STATIC WATER LEVEL 12.35 FEET

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced flow rate _____ GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe: 44.48905☐ Bailed☐ Other

Pumping Level Below Land Surface

29.33 Ft. After 2 Hrs. pumped 550 GPM33.62 Ft. After 2 Hrs. pumped 655 GPM

If pump installed, pump rate: _____ GPM

REMARKS

GPS N 44 29.3430 W 96 53.5750
REPLACES OLD WELL FOR LC NO. 8/85-3
PER REED AND RIES 3/5/2024

This well was drilled under license # 475 and this report is true and accurate.Drilling firm: Thein Well Co., Inc.

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

DEC 18 2023

Date:

OFFICE OF
WATER

JOINT WELL FIELD

Legend
Feature 1

Joint Well Field 65' Test Hole 4/25/2022 64.5' 18" WELL JULY 2023

7

466th Ave

200th St

466th Ave

200th St

Joint Well Field 50' test Hole 2/28/2022
46' 12" well 8/24/2022

Google Earth



2000 ft