

WATER PERMIT NO. 7598-3

Name of Applicant: Joseph Plucker

Address: 45678 275th St, Parker SD 57053

Phone: 605 750-0478

Amount of Water Claimed: 0.91 cfs

Total Acres: 30 acres

Source of Water Supply: groundwater (1 existing & 1 new well)

Water to be used for: irrigation

County: Turner

Type of Waste Disposal System:

Location: 2 miles east of Parker

PRIORITY

Date Received: 12-27-12

Application/License Fee: \$ 700 (actual amount)
\$ 1200 (need to refund \$500)

Corrected Application Received:

Period of Annual Use: May 1 – October 31

Remarks: Utilizing one of the wells and increasing the diversion authorized by Water Right No. 5927-3 and 1 add'l well and add'l acreage

New Diversion Point: NW 1/4 SE 1/4 Sec 14-T99N-
R53W

Land to be Irrigated: NW 1/4 SE 1/4 Sec 14-T99N-
R53W

Depth of Well: 53 feet deep

Well Driller: Kaiser Well Drilling

Remarks:

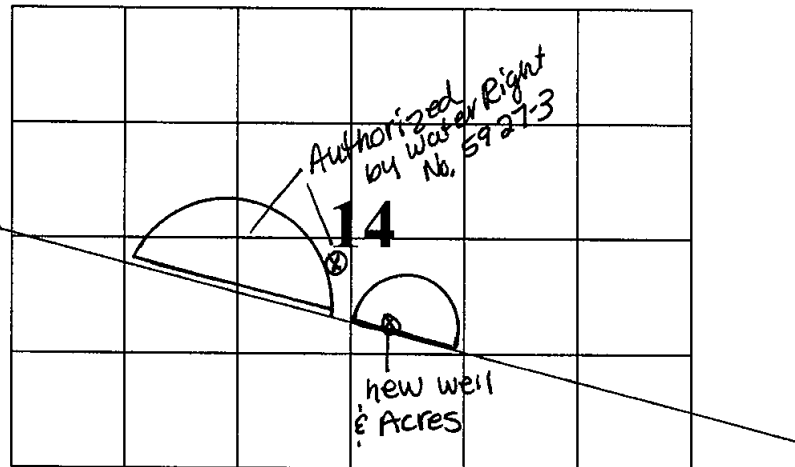
Type of Map: aerial

Prepared by:

Reviewed and the Number Assigned on: 1-2-13

By: Karen Schlaak

Notice of Hearing - date to intervene: _____



FORM 2: Application for irrigation in South Dakota

(type or print)

Mail to:
PMB 2020
DENR - Water Rights
523 E Capitol Ave
Pierre, SD 57501-3182
ph. (605) 773-3352

No. 7598-3 (office use only)
Hydrologic Unit 10170102
Basin Vermillion River
Newspaper New Era - Parker
Argus Leader - Sioux Falls

RECEIVED
DEC 27 2012
WATER RIGHTS
PROGRAM

Application For Permit To Appropriate Water For Irrigation

Type of Application:


☐ Vested Right
(Use predates Mar 2, 1955)

☒ Amendment/Correction to Permit No. 5927.3

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

I would add a well & add property to be irrigated

1. Name to Appear on Irrigation Permit Joseph Plucker(check one) ☒ Owner ☐ Tenant/lessee ☐ Owner's Legal Agent

(name and complete address if different than above name)

Mailing Address 45678 275th ST Parker SD 57053
(Address) (City) (State) (Zip Code)

Home Phone N/A Cell 605-750-0478 Email reddogranch57053@yahoo.com

2. Amount of water claimed 170 *CFS or 800 **GPM add ***AF Total Acreage 30
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply New well

4. Location of point of diversion New well in NW 1/4 SE 1/4 sec 14-T099N-R53W - plus old well from permit
(example - 3 wells in SW 1/4 NE 1/4 section 12-T104N-R53W)

5927.3 in the NE 1/4 SW 1/4 section 14-T099N-R53W County Turner

5. County or counties where water will be used Turner6. Annual period during which water is to be used May 1 - October 31

7. List below each forty acre division, or lot, or fraction thereof and show number of acres to be irrigated in each.
(Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres
Sec 14-T099N-R53W NW 1/4 - SE 1/4	30	Sec 14 T099N-R53W NE 1/4 SW	24
Sec 14 T099N-R53W SW 1/4 NW 1/4	13		
Sec 14 T099N R53W SE 1/4 NW 1/4	11		
Sec 14 T099N R53W NW 1/4 SW 1/4	13		

8. Give a description of the project. (Attach sheet if more space is needed) I attached a sheet -

Requesting diversion rate greater than Statutory Limit

I, Joseph Plucker, 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. 7598-3

Date of first receipt of application December 27, 2012.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 7598-3 to Joseph Plucker, 45678 275th St, Parker SD 57053 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. 7598-3 appropriates 1.78 cubic feet of water per second (cfs) diversion rate authority from an additional well to irrigate 30 additional acres and acreage authorized by Water Right No. 5927-3. Water Right No. 5927-3 authorizes 0.87 cfs from one well located in the NE 1/4 SW 1/4 Section 14 to irrigate 61 acres located in the S 1/2 NW 1/4 and the N 1/2 SW 1/4 Section 14; all in T99N-R53W. This permit authorizes diversion from one additional well to be completed into the Parker Centerville Aquifer (53 feet deep) located in the NW 1/4 SE 1/4 Section 14 to irrigate 30 acres located in the NW 1/4 SE 1/4 Section 14; all in T99N-R53W. This permit and Water Right No. 5927-3 will authorize a total diversion rate of 2.65 cfs from 2 wells for irrigation of 91 acres.
2. The amount of the appropriation may not exceed 2 acre feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: May 1 – October 31.
3. The date from which applicant may claim right is December 27, 2012.
4. The date of approval of Permit No. 7598-3 is March 18, 2013.
5. One-fifth of the construction is to be completed on or before September 18, 2015.
6. All construction is to be completed on or before March 18, 2018.
7. Water is to be put to beneficial use on or before March 18, 2022.
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The wells approved under Water Right No. 5927-3 and this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The new well authorized by Permit No. 7598-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.

(continued)

Water Permit No. 7598-3

Joseph Plucker

Page 2

3. Pursuant to SDCL 46-5-6 which allows a greater diversion rate if the method of irrigation, time constraints, or type of soils so requires, Water Right No. 5927-3 and Permit No. 7598-3 authorizes a maximum diversion rate of 2.65 cfs for the irrigation of 91 acres with an annual volume not to exceed 2 acre feet of water per acre per year.
4. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

WATER MANAGEMENT BOARD

By: _____



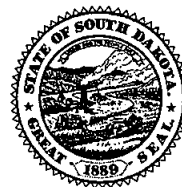
Jeanne Goodman, Chief Engineer

Water Rights Program

Department of Environment and Natural Resources

MAY 08 2013

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 1 Have test holes been drilled ☒ Yes ☐ No Drilled by Kaiserwell Drilling
(if yes, please provide copies of logs)

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

c) Well Depth 53 Depth to Top of Water Bearing Material 25 Depth to Water from Surface 26'1"

d) Distance to nearest existing domestic well:

On applicant's property none

On property owned by others

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

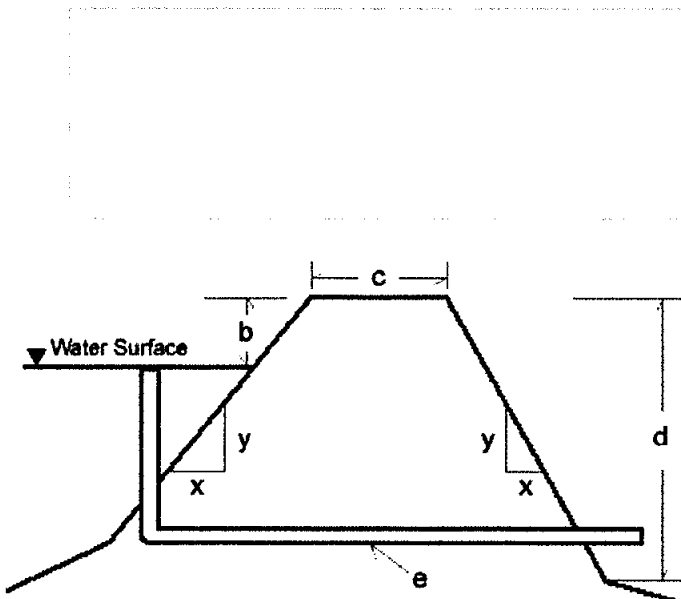
a) Surface Dimensions Depth

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

S-T-R: 11-99N-53W

3304
2
30.84
NHFL

3304
3
30.84
NHFL

S-T-R: 14-99N-53W

3304
1
67.52
NHFL

3304
4
30.84
NHFL

3304
5
30.84
NHFL

3304
6
30.84
NHFL

S-T-R: 23-99N-53W



United States Department of Agriculture
Farm Service Agency

PLSS: 14_99N_53E
Farm: 7844

Turner County, SD

1:8,929



☒ Restricted Use
☐ Limited Restrictions
☐ Exempt from Conservation Compliance Provisions

Non Cropland

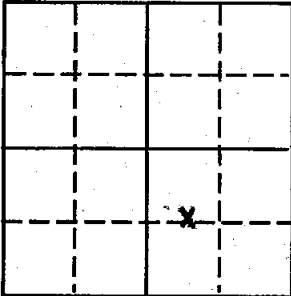
Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original demarcation (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.

2008 Ortho-Photography - Not to Scale

Page A

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location <u>SE 1/4 SE 1/4</u> Sec <u>14</u> Twp <u>99N</u> Rg <u>53W</u> County <u>Turner</u> Please mark well location with an "X"  Well completion Date <u>11-17-12</u> Distance from nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.) <u>5000</u> ft. from <u>Septic tank</u> (identify source)		Well Owner: <u>Joseph Thacker</u> Business Name: _____ Address1: <u>45678 275th St</u> Address2: _____ City, State, Zip: <u>Parker SD 57053</u> WELL LOG: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">FORMATION</th> <th colspan="2">DEPTH</th> </tr> <tr> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>FS</td> <td>0</td> <td>1</td> </tr> <tr> <td>Yellow Sandy clay</td> <td>1</td> <td>8</td> </tr> <tr> <td>Coal</td> <td>8</td> <td>11</td> </tr> <tr> <td>Yellow fine sand</td> <td>11</td> <td>18</td> </tr> <tr> <td>Yellow clay</td> <td>18</td> <td>25</td> </tr> <tr> <td>Medium to coarse gravel</td> <td>25</td> <td>46</td> </tr> <tr> <td>Coarse gravel (Rocky)</td> <td>46</td> <td>53</td> </tr> <tr> <td>Blue clay</td> <td>53</td> <td>60</td> </tr> </tbody> </table>		FORMATION	DEPTH		FROM	TO	FS	0	1	Yellow Sandy clay	1	8	Coal	8	11	Yellow fine sand	11	18	Yellow clay	18	25	Medium to coarse gravel	25	46	Coarse gravel (Rocky)	46	53	Blue clay	53	60
FORMATION	DEPTH																															
	FROM	TO																														
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PROPOSED USE: ☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes ☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well		STATIC WATER LEVEL <u>26'1"</u> 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? _____																														
METHOD OF DRILLING: <u>Direct Rotary</u> CASING DATA: ☐ Steel ☐ Plastic ☐ Other If other describe _____ <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>PIPEWEIGHT</th> <th>DIAMETER</th> <th>FROM</th> <th>TO</th> <th>HOLE DIAMETER</th> </tr> </thead> <tbody> <tr> <td><u>Sch 40</u> LB/FT</td> <td><u>3</u> IN</td> <td><u>2</u> FT</td> <td><u>6</u> FT</td> <td><u>6</u> IN</td> </tr> <tr> <td>LB/FT</td> <td>IN</td> <td>FT</td> <td>FT</td> <td>IN</td> </tr> <tr> <td>LB/FT</td> <td>IN</td> <td>FT</td> <td>FT</td> <td>IN</td> </tr> </tbody> </table>		PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER	<u>Sch 40</u> LB/FT	<u>3</u> IN	<u>2</u> FT	<u>6</u> FT	<u>6</u> IN	LB/FT	IN	FT	FT	IN	LB/FT	IN	FT	FT	IN	WELL TEST DATA: ☒ Pumped Describe: <u>Air lift</u> ☐ Bailed _____ ☐ Other _____ Pumping Level Below Land Surface <u>30</u> Ft. After <u>4</u> Hrs. pumped <u>80</u> GPM _____ Ft. After _____ Hrs. pumped _____ GPM If pump installed, pump rate: _____ GPM										
PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER																												
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LB/FT	IN	FT	FT	IN																												
LB/FT	IN	FT	FT	IN																												
GROUTING DATA: Grout Type <u>Groutwell 7</u> No. of Sacks <u>7</u> Grout Weight <u>0</u> Lb/gal From <u>0</u> Ft To <u>40</u> Ft <u>DF</u> Lb/gal Ft Ft Describe grouting procedure <u>pressure pull method</u>		SCREEN: ☐ Perforated pipe ☒ Manufactured Diameter <u>3</u> Inches Length <u>10</u> Feet Material <u>plastic</u> Slot Size <u>1050</u> Set From <u>43</u> Feet to <u>53</u> Feet Other information _____																														
WAS A PACKER OR SEAL USED? ☐ Yes ☐ No If so, what material? _____ Describe packer(s) and location _____		REMARKS This well was drilled under license # <u>689</u> And this report is true and accurate. Drilling firm: <u>Kaiserwell Drilling INC</u> Signature of License Representative: _____ Signature of Well Owner or Equitable Property Holder: _____ Date: <u>11/20/12</u>																														
DISINFECTION: Was well disinfected upon completion? ☐ Yes, How? _____ ☐ No, Why Not? _____ Lab sample sent to for water quality analysis _____		_____																														

Please return White Copy to DENR Water Rights

523 E. Capitol Ave., Pierre SD 57501

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 1/2, 20 13

RECEIVED OF Joseph L Plucker 45678 275th St Parker SD 57053

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

Fee for Application for Permit No. <u>7598-3</u> to Appropriate Water, to construct and to put water to beneficial use	1000	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>7598-3</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	1200 00

No. **05830**

By

H. O. Erbe
Chief Engineer

12-24-12

Water Board,

Below is a list or description of my irrigation plans for the permits and permit amendments I'm applying for.

Currently permit # 5927.3 allows me to irrigate 61 acres at roughly 400 gpm. I would like to replace this permit to irrigate 91 acres at 1200 gpm. This would consist of the windshield pivot irrigation that is currently under operation. I would install a new windshield pivot irrigation to the east. This new pivot would irrigate around 28 acres. The soil of these two pivots is gravel. The 61 acres of cropland currently is planted to rye for use to pasture cattle. I will divide the 61 acres into 4-15 acre pastures. Combining the two wells would allow me to be able to put more water on the acres in less time. This would allow me to manage the pastures better. Page A

Currently permit #6491.3 allows me to irrigate 92 acres at roughly 500 gpm. I would like to amend this permit to pump 700 gpm. I currently have 2 wells tied together to furnish water for this pivot. Over the years, and especially last year, I find that the existing water supply can't keep up on the poorer soil. I would install a new well north of the current wells. The current middle well would still be used as water supply for this property. The south well wouldn't be used to supply water to this existing pivot. Page B

I would like to apply for a permit to use the current south well, used in the above permit # 6491.3, to supply water for a new one-tower pivot for about 18 acres of pasture. The south well produces about 200 gpm. Page C

Here is a map that combines each of the above irrigation applications in section 11-99-53. Page D

I would like to apply for a permit to irrigate my pasture in 11-99-53. I'm leaning towards putting up a towable pivot, but am looking into the option of a traveling gun. Estimated acres 30-45. Page E

Also enclosed you'll find an application to irrigate the NE ¼ of 4-99-53. This would be a pivot on cropland. Page F

On the aerial maps new wells are marked with a red X and current wells with a black X. Also current irrigation pivots are outlined with a blue line and the new pivot is outlined with blue and green.

We have enclosed a check for \$4,350. When I called Eric, I forgot to ask him the amount for an amendment vs. a new application. If I need to supply more information or if you have any questions, please call me at 605-750-0478.

Best,



Joseph Plucker

Encl.

RECEIVED

DEC 27 2012

WATER RIGHTS
PROGRAM



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 7598-3, Joseph Plucker**

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. 7598-3, Joseph Plucker, 45678 275th Street, Parker SD 57053.

The Chief Engineer is recommending APPROVAL of Application No. 7598-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) it is in the public interest with the following qualifications:

1. The wells approved under Water Right No. 5927-3 and this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The new well authorized by Permit No. 7598-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. Pursuant to SDCL 46-5-6 which allows a greater diversion rate if the method of irrigation, time constraints, or type of soils so requires, Water Right No. 5927-3 and Permit No. 7598-3 authorizes a maximum diversion rate of 2.65 cfs for the irrigation of 91 acres with an annual volume not to exceed 2 acre feet of water per acre per year.
4. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.

A handwritten signature in cursive script, reading "Garland Erbele".

Garland Erbele, Chief Engineer
February 22, 2013

REPORT TO THE CHIEF ENGINEER

WATER PERMIT APPLICATION NO. 7598-3

Joseph Plucker

February 11, 2013

Water Permit Application No. 7598-3 proposes to appropriate up to an additional 60 acre-feet per year (ac-ft/yr) at a maximum diversion rate of 1.78 cubic feet of water per second (cfs) and add an additional well to be completed into the Parker Centerville aquifer to irrigate an additional 30 acres located in the NW¼ SE¼ of Section 14, T99N-R53W in Turner County. The well is expected to be approximately 53 feet deep and is to be located in the NW¼ SE¼ of Section 14, T99N-R53W. Water Right No. 5927-3 authorizes a maximum diversion rate of 0.87 cfs from one well completed into the Parker Centerville aquifer located in the NE¼ SW¼ of Section 14 for the irrigation of 61 acres located in the S½ NW¼ and the N½ SW¼ of Section 14, all in T99N-R53W. If approved, this application plus Water Right No. 5927-3 will result in two wells diverting at a total maximum diversion rate of 2.65 cfs to irrigate a total of 91 acres, resulting in a diversion rate in excess of the statutory limit.

AQUIFER: Parker Centerville aquifer (PAC)

GEOLOGY AND AQUIFER CHARACTERISTICS:

The Parker Centerville is a surficial outwash consisting of fine sand to coarse gravel and is unconfined in the area of the proposed well site. The aquifer underlies portions of Turner, Lincoln, and Clay Counties; these areas are quantified in Table 1. The Parker Centerville aquifer connects to the Vermillion East Fork and Vermillion West Fork aquifers directly to the north of the proposed well site, and is also hydraulically connected to the underlying Upper Vermillion Missouri aquifer primarily south of the proposed well site (Lindgren and Hansen, 1990). The aquifer is also hydraulically connected to the West and East Fork of the Vermillion River and groundwater movement is probably towards the rivers (Lindgren & Hansen, 1990).

Table 1: Areas of the Parker Centerville aquifer (Hedges and others, 1982; Lindgren and Hansen, 1990; Niehus, 1997)

County	Lincoln	Turner	Clay	Total
Area (acres)	16,000	47,360	3,700	67,060

The proposed well site is located on the northern edge of the Parker Centerville aquifer. The test hole log submitted with this application documented aquifer materials from below the top soil at ground surface to a depth of 53 feet with some clay intermixed and recorded a static water level of 26 feet, one inch below ground surface in November, 2012. This generally agrees with other aquifer information (Lindgren and Hansen, 1990; Water Rights, 2013c).

SDCL 46-2A-9

Pursuant to SDCL 46-2A-9, a permit to appropriate water may be issued only if there is a 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 that are pertinent to this application.

WATER AVAILABILITY:

This application proposes to appropriate 60 ac-ft/yr from the Parker Centerville aquifer. If this application is approved, the actual water use will likely be less than the appropriation. 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 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.”

Hydrologic Budget:

Recharge:

Recharge to the Parker Centerville aquifer occurs due to infiltration of precipitation in areas where the aquifer is at or near land surface. Hedges and others (1985) estimated the recharge rate of this aquifer to be 4.9 inches per year (in/yr). Table 2 shows the recharge, in ac-ft/yr, based on the area of the aquifer.

Table 2: Recharge to the Parker Centerville aquifer (Hedges and others, 1982; Lindgren and Hansen, 1990; Niehus, 1997)

County	Lincoln	Turner	Clay	Total
Recharge (ac-ft/yr)	6,533	19,339	1,511	27,383

Discharge:

Discharge from the Parker Centerville aquifer occurs due to evapotranspiration in areas where the aquifer is near land surface, outflow to the Vermillion River, and well withdrawals from municipal and irrigation use. Currently there are 125 water rights/permits appropriating from this aquifer (Water Rights, 2013b).

The amount of water that can be expected to be withdrawn by the non-irrigation use water rights/permits can be estimated by assuming water rights/permits limited only by diversion rate will pump at the maximum permitted diversion rate at 60 percent of the time. Therefore, the total annual withdrawal from the Parker Centerville aquifer by non-irrigation use is expected to be less than 339 ac-ft/yr; all of which is withdrawn in Turner County (Water Rights, 2013b).

In addition, there are many well completion reports on file with the SD DENR-Water Rights Program for domestic wells that appear to be completed into the Parker Centerville aquifer (Water Rights, 2013c). The annual withdrawal due to domestic use is not significant to the hydrologic budget of the aquifer.

The irrigation development of the Parker Centerville aquifer over the period of record, 1979 to 2011, has remained fairly constant. For irrigation use from this aquifer, there are currently 112 water rights/permits in Turner County, 11 water rights/permits in Clay County, and no water rights/permits in Lincoln County (Water Rights, 1980-2011). The annual use is shown Figure 1.



Figure 1: Historic irrigation water use from the Parker Centerville aquifer (Water Rights, 1980-2012)

Hydrologic Budget:

The average annual withdrawal from the Parker Centerville aquifer is estimated to be less than the estimated annual recharge, both in total and by county. Therefore, there is a reasonable probability that unappropriated water is available from the Parker Centerville aquifer for the proposed appropriation of 60 ac-ft/yr.

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 to determine that the quantity of water withdrawn annually from the aquifer does not exceed the estimated average annual recharge of the aquifer.”

The SD DENR-Water Rights Program monitors 24 observation wells in the Parker Centerville aquifer. The nearest observation well, TU-77A, is located approximately one third mile southwest of the proposed well site. The associated hydrograph is shown in Figure 2 (Water Rights, 2013a).

The observation well data documents cyclic conditions of water levels, recharging during wet years and declining during dry years. This data documents that, at the current level of development, temporal well withdrawal is masked by climatic conditions. Therefore, recharge to and natural discharge from the Parker Centerville aquifer significantly exceeds pumping, indicating that unappropriated water is available from the aquifer to support the proposed appropriation of 60 ac-ft/yr.

EXISTING WATER RIGHTS:

Within two miles of the proposed well site, there are many water rights/permits appropriating water from the Parker Centerville aquifer, and also the hydraulically connected Vermillion East Fork, Vermillion West Fork, and Upper Vermillion Missouri aquifers, as well as an outwash deposit designated Pleistocene Series: Unknown aquifer (Water Rights, 2013b). There are also several well completion reports on record with the SD DENR-Water Rights Program for domestic wells within two miles of the proposed well site that could be completed into the Parker Centerville aquifer (Water Rights, 2013c).

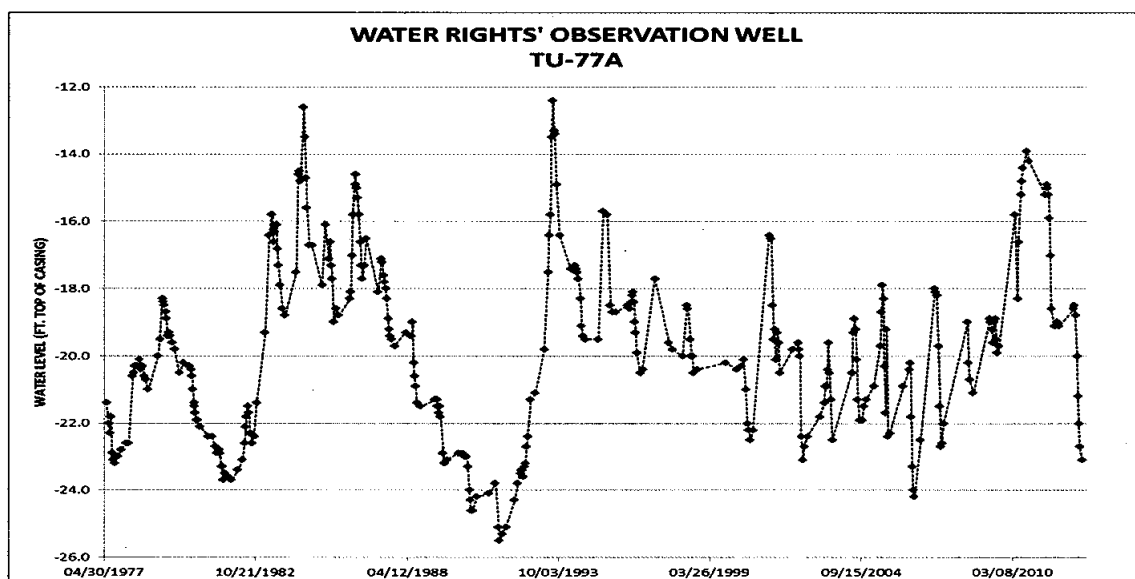


Figure 2: Hydrograph for observation well TU-77A (Water Rights, 2013a)

Within one mile of the proposed well site, there are seven water rights and two water permits appropriating from the Parker Centerville aquifer or the hydraulically connected Vermillion East Fork or Upper Vermillion Missouri aquifers, and one future use permit reserving water from the Vermillion West Fork aquifer (Water Rights, 2013b). There are also several well completion reports on record with the SD DENR-Water Rights Program for domestic wells within one mile of the proposed well site (Water Rights, 2013c). The nearest wells are located approximately 1,000 feet from the proposed well site.

Future Use Permit No. 4798-3, City of Parker, has a future use area covering seven sections. The proposed well site is located near the eastern boundary of this future use area, and so, future wells located in this area could encounter the effects of the pumping due to the proposed diversion. However, the future use area extends west approximately three miles from the proposed well site; wells located here would likely not document the effects of pumping due to the proposed diversion. In other words, due to the size of the future use area, this proposed diversion will not limit or restrict the future use permit's ability to develop.

The water table conditions of the aquifer in this area dictate that drawdown due to pumping would probably not be significant far from the proposed well site. The Water Management Board has consistently recognized that to place water to maximum beneficial use a certain amount of drawdown may occur. However, reasonable domestic use must be assured before irrigation use is allowed. At the distances involved, a nearby adequate well defined by ARSD 74:02:20(7), which states that the pump intake must be set 20 feet below the top of the aquifer or, if the aquifer is less than 20 feet thick, as near to the bottom of the aquifer as is practical, is not expected to be adversely or unlawfully impaired.

SDCL 46-5-6

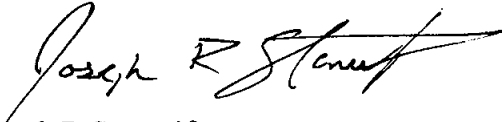
Pursuant to SDCL 46-5-6, the diversion rate for an irrigation appropriation cannot be in excess of one cubic foot of water per second for every seventy acres, or "the equivalent thereof." The statute provides that the Water Management Board may allow a greater diversion if the method of irrigation so requires.

If approved, the total diversion rate of this application plus Water Right No. 5927-3 will be in excess of the statutory limit. The application indicates the proposed pivot will not make a full rotation. A letter submitted by the applicant states that the increased diversion rate would allow for better management of the pastures.

CONCLUSIONS:

1. The application proposes to appropriate 60 ac-ft/yr at a maximum additional diversion rate of 0.91 cfs and add an additional well to be completed into the Parker Centerville for irrigation.
2. From the hydrologic budget and the observation well data, there is a reasonable probability that unappropriated water is available from the Parker Centerville aquifer to supply the proposed appropriation.
3. There is a reasonable probability that this proposed well will not adversely or unlawfully impair existing nearby wells.

4. If approved, this application plus Water Right No. 5927-3 will result in two wells diverting at a total maximum diversion rate of 2.65 cfs to irrigate a total of 91 acres, resulting in a diversion rate in excess of the statutory limit. Some justification is provided.



Joseph R Stonesifer
SD DENR-Water Rights Program

Approved by



Ken Buhler
SD DENR-Water Rights Program

REFERENCES:

Hedges, L.S., Allen, J., and Holly, D.E. 1985. Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River, South Dakota and Iowa. Task 7: Ground Water Recharge. South Dakota DENR-Geological Survey, Vermillion, South Dakota.

Lindgren, R.J., and Hansen, D.S. 1990. Water Resources of Hutchinson and Turner Counties, South Dakota. Water-Resources Investigations Report 90-4093, United State Geological Survey, Huron, South Dakota.

Niehus, C.A., 1994. Water Resources of Lincoln and Union Counties, South Dakota. Water Resources Investigations Report 93-44195, United State Geological Survey, Rapid City, South Dakota.

Water Rights. 1980-2012. "Annual Irrigation Summary by Aquifer": SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, South Dakota.

Water Rights. 2013a. Observation Well Files, SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, South Dakota.

Water Rights. 2013b. Water Right/Permit Files, SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, South Dakota.

Water Rights. 2013c. Water Well Completion Reports, SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, South Dakota.

RECEIVED

MAR 27 2013

WATER RIGHTS
PROGRAM

Affidavit of Publication

STATE OF SOUTH DAKOTA
COUNTY OF TURNER

I, Robin Schneider of the City of Parker, County of Turner, State of South Dakota being first duly sworn on oath, deposes and says: The New Era is a weekly legal newspaper of general circulation, printed and published in the City of Parker, in said County of Turner, by The New Era, New Century Press, publishers, and has been such legal newspaper during the times hereinafter mentioned; that the said newspaper 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 publication of the notice hereunto attached, and has during all of said time had, and now has, more than 200 bona fide subscribers; that the undersigned, The affiant, is the Office Manager of the said newspaper, in charge of the advertisement department thereof and has personal knowledge of all the facts stated in this affidavit and the advertisement headed:

#5576 Notice of Application Nos. 7594-3 thru 7598-3 to Appropriate Water

_____ printed copy of hereto attached, is printed and published in the said newspaper for one successive week, one each week and on the same day of the week, on the following dates, to wit:

On Thursday, the 7th day of March, 2013

That \$49.65 being the full amount of the fees for publication of the attached notices insures solely for the benefits of the publishers 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.

Robin Schneider
Subscribed and sworn to before me this 21st

Day of March 2013

Paul R. Harms
Notary Public, Turner County, South Dakota

My Commission Expires: March 20, 2018

RECEIVED

MAR 27 2013

WATER RIGHTS
PROGRAM

See attached

Publication Fee \$
Notary Fees \$
Total \$49.65



NOTICE OF APPLICATION NOS.**7594-3 thru 7598-3****to Appropriate Water**

Notice is given that Joseph Plucker, 45678 275th St, Parker SD 57053, has filed the following applications for a water permit.

Application No. 7594-3 proposes to appropriate 0.67 cubic feet of water per second (cfs) from one well to be completed into the Vermillion-East Fork Aquifer (36 feet deep) located in the SW 1/4 SE 1/4 Section 11 for irrigation of 50 acres located in the SW 1/4 NE 1/4, W 1/2 SE 1/4 Section 11; all in T99N-R53W.

Application No. 7595-3 proposes to appropriate 1.78 cfs from one well to be completed into the Vermillion-West Fork Aquifer (55 feet deep) located in the SW 1/4 NE 1/4 Section 4 for irrigation of 136 acres located in the NE 1/4 Section 4; all in T99N-R53W.

Application No. 7596-3 proposes to appropriate 0.44 cfs from one existing well (authorized by Water Right No. 6491-3) completed into the Vermillion-East Fork Aquifer (36 feet deep) located in the SE 1/4 NW 1/4 Section 14 for irrigation of 20 acres located in the SE 1/4 NW 1/4 Section 14; all in T99N-R53W. The applicant is requesting a diversion rate greater than the statutory limit.

Application No. 7597-3 proposes to appropriate 0.44 cfs diversion rate authority from an additional well to irrigate acres authorized by Water Right No. 6491-3. Water Right No. 6491-3 authorizes 1.11 cfs from two wells located in the NE 1/4 NW 1/4 and the SE 1/4 NW 1/4 Section 14 to irrigate 92 acres located in the NW 1/4 Section 14; all in T99N-R53W. This application proposes to divert up to 0.44 cfs from one additional well to be completed into the Vermillion-East Fork Aquifer (36 feet deep) located in the NE 1/4 NW 1/4 Section 14-T99N-R53W for irrigation of the acreage described above. This application, if approved, and Water Right No. 6491-3 will authorize a total diversion rate of 1.55 cfs from 2 wells for irrigation of 92 acres. The applicant is requesting a diversion rate greater than the statutory limit. The second well located in the SE 1/4 NW 1/4 Section 14 authorized by Water Right No. 6491-3 will be utilized by Application No. 7596-3 previously listed in this notice.

Application No. 7598-3 proposes to appropriate 1.78 cfs diversion rate authority from an additional well to irrigate 30 additional acres and acreage authorized by Water Right No. 5927-3. Water Right No. 5927-3 authorizes 0.87 cfs from one well located in the NE 1/4 SW 1/4 Section 14 to irrigate 61 acres located in the S 1/2 NW 1/4 and the N 1/2 SW 1/4 Section 14; all in T99N-R53W. This application proposes to divert an additional 0.67 cfs from one additional well to be completed into the Parker Centerville Aquifer (53

feet deep) located in the NW 1/4 SE 1/4 Section 14 to irrigate 30 acres located in the NW 1/4 SE 1/4 Section 14; all in T99N-R53W. This application, if approved and Water Right No. 5927-3 will authorize a total diversion rate of 2.65 cfs from 2 wells for irrigation of 91 acres.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 7594-3, 7595-3, 7596-3, 7597-3

and 7598-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on 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 March 18, 2013.

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 \$49.65.

(#5576, 03/07/13, The New Era)

RECEIVED**MAR 27 2013****WATER RIGHTS
PROGRAM**

CUSTOMER NUMBER:	078400	Argus Leader	
AD ORDER NUMBER:	1408869		
3/7, 2013		P.O. Box 677349, Dallas, TX 75267-7349	\$118.925pd

Joseph Plucker
45678 275th St
Parker, SD 57053

RECEIVED

MAR 11 2013

WATER RIGHTS
PROGRAM

DETACH THIS STUB AND RETURN WITH PAYMENT

AFFIDAVIT OF PUBLICATION-

Customer Number: 078400
Invoice Number: 1408869

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

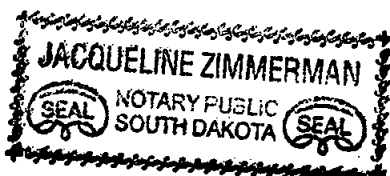
Thursday the 7 day of March 2013,
the day of 2013,
the day of 2013,
the day of 2013,
the day of 2013,
the day of 2013,
the day of 2013,

and that \$118.925pd was charged for publishing the same

Linda Schulte
Subscribed and sworn to before me 3/7/2013

J. Zimmerman
Notary Public, South Dakota

My Commission expires December 22, 2015



PAYM cant is requesting a diversion rate greater than the statutory limit.

Application No. 7597-3 proposes to appropriate 0.44 cfs diversion rate authority from an additional well to irrigate acres authorized by Water Right No. 6491-3. Water Right No. 6491-

3 authorizes 1.11 cfs from two wells located in the NE 1/4 NW 1/4 and the SE 1/4 NW 1/4 Section 14 to irrigate 92 acres located in the NW 1/4 Section 14; all in T99N-R53W. This application proposes to divert up

to 0.44 cfs from one additional well to be completed into the Vermillion-East Fork Aquifer (36 feet deep) located in the NE 1/4 NW 1/4 Section 14; all in T99N-R53W for irrigation of the

acreage described above. This application, if approved, and Water Right No. 6491-3 will authorize a total diversion rate of 1.55 cfs from 2 wells for irrigation of 92 acres. The applicant

is requesting a diversion rate greater than the statutory limit. The second well located in the SE 1/4 NW 1/4 Section 14 authorized by Water Right No. 6491-3 will be utilized by Application No. 7596-3, previously listed in this notice.

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additional well to be completed into the Parker Centerville Aquifer (53 feet deep) located in the NW 1/4 SE 1/4 Section 14 to irrigate 30 acres located in the NW 1/4 SE 1/4 Section 14; all in T99N-R53W. This application, if approved and Water Right No. 5927-3 will authorize a total diversion rate of 2.65 cfs from 2 wells for irrigation of 91 acres.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 7594-3, 7595-3, 7596-3, 7597-3 and 7598-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on these applications, as recommended, unless a petition is filed opposing the applications or the applicant files a petition contesting the Chief Engineer's recommendations. The appli-

cations 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 March 18, 2013.

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 \$118.92. 1408869 Mar. 7, 2013

NOTICE OF APPLICATION
NOS. 7594-3 thru 7598-3 to
Appropriate Water

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DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

February 26, 2013

New Era
PO Box 579
Parker SD 57053

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application Nos. 7594-3 thru 7598-3 to Appropriate Water. Please publish the notice once on March 7, 2013. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

The applicant must verify to you that the notice is to be published and arrange for payment. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is Joseph Plucker, 45678 275th St, Parker SD 57053 (Ph # 605-750-0478).

Please send the Water Rights Program an affidavit or the enclosed Proof of Publication form immediately.

The applicant pays the cost of publication, but the Water Rights Program records require an affidavit or Proof of Publication. Delays in receiving the affidavit can be costly to the applicant.

Sincerely,


Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

February 26, 2013

Argus Leader
PO Box 5034
Sioux Falls SD 57117

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application Nos. 7594-3 thru 7598-3 to Appropriate Water. Please publish the notice once on March 7, 2013. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

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Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
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.

February 26, 2013

Joseph Plucker
45678 275th St
Parker SD 57053

Dear Mr. Plucker:

Water Permit Application Nos. 7594-3 thru 7598-3 for irrigation use have been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the New Era printed at Parker SD (Ph # 605-297-4419) and the Argus Leader printed at Sioux Falls SD (Ph # 605-331-2200). 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 March 7, 2013. The applicant is responsible for payment. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352 or email: Karen.schlaak@state.sd.us.

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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 March 18, 2013.

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

Published once at the total approximate cost of_____.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

MAY 08 2013

Joseph Plucker
45678 275th St
Parker SD 57053

Dear Mr. Plucker:

Enclosed are Water Permit Nos. 7594-3, 7595-3, 7596-3, 7597-3, 7598-3 and 7694-3 authorizing construction of your water diversion systems and beneficial use of the water, not exceeding the limits as specified in the Water Permits.

Form 10's, *Notice of Completion of Works and Application of Water to Beneficial Use*, are enclosed. Please return the completed forms after you have finished the systems and have put the water to beneficial use. An investigation can then be scheduled so the water licenses may be issued, thus completing the acquisition of a water right.

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

Sincerely,

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

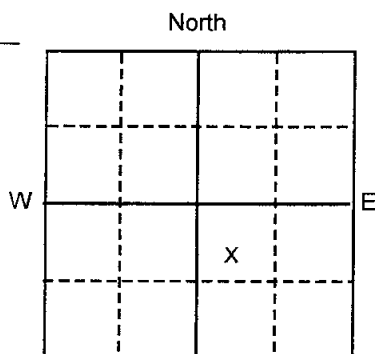
enclosures

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location NW ¼ SE ¼ Sec 14 Twp 99N Rg 53W

County TURNER

Please mark well
location with an "X"

Well Completion Date

4-8-2013

1 Mile

Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)?
5,000.0 ft. from (identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

DRD

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
40.0 LB/FT	16.00 IN	0.0 FT	38.0 FT	24.00 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
GWDF	23	54.0 Lb/gal	0.0 Ft	38.0 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure

TPPM

SCREEN:

☐ Perforated pipe ☒ Manufactured

Diameter 16.00 Inches Length 15.0 Feet

Material STAINLESS STEEL

Slot Size .080 Set From 38.0 Feet to 53.0 Feet

Other information

WAS A PACKER OR SEAL USED?

☐ Yes ☐ No

If so, what material?

Describe packer(s) and location

DISINFECTION: Was well disinfected upon completion?

☐ Yes, How?

☐ No, Why Not?
Lab to which water
quality sample sent for analysis

Well Owner: JOE PLUCKER

Business Name:

Address: 45678 275TH ST

City, State, Zip: PARKER SD 57053

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
TOP SOIL	0	1
YELLOW SANDY CLAY	1	8
COAL	8	11
YELLOW FINE SAND	11	18
YELLOW CLAY	18	25
MED-COURSE GREY	25	46
COURSE-ROCKY	46	53

STATIC WATER LEVEL 26.1 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:

☐ Bailed

☐ Other

Pumping Level Below Land Surface

33.0 Ft. After 6.0 Hrs. pumped 1,500.0 GPM

Ft. After Hrs. pumped GPM

If pump installed, pump rate: GPM

REMARKS

RAILROAD

RECEIVED

JAN 31 2014

WATER RIGHTS
PROGRAMThis well was drilled under license # 689 and this
report is true and accurate.

Drilling firm: KAISER WELL DRILLING INC

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date:



DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES
JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

January 19, 2024

NOTICE

TO: JOSEPH PLUCKER, 45678 275TH ST, PARKER, SD 57053

FROM: Ron Duvall, Engineer III
for Eric Gronlund, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2023 Irrigation Questionnaire(s)

Our records indicate your 2023 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 5927-3, 6491-3, 6492-3, 7594-3, 7595-3, 7596-3, 7597-3, 7598-3, 7694-3 & 8500-3. The request for the Questionnaire was dated October 20, 2023. The Water Management Board has directed owners of water permits who have not submitted the 2023 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 5927-3, 6491-3, 6492-3, 7594-3, 7595-3, 7596-3, 7597-3, 7598-3, 7694-3 & 8500-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held at **Wednesday, March 6, 2024 at 9:30 am (Central Time)** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 5927-3, 6491-3, 6492-3, 7594-3, 7595-3, 7596-3, 7597-3, 7598-3, 7694-3 & 8500-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

The hearing is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the questionnaire(s) is (are) received in this office before the **March 6, 2024** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Amanda Dewell at (605) 773-3352 or email at amanda.dewell@state.sd.us. **If you prefer, you can complete the questionnaire online at the following link: <https://danr.sd.gov/iq> using this password: USRCMZ**

NOTE: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

January 23, 2024

5927-3, 6491-3, 6492-3, 7594-3, 7595-3
7596-3, 7597-3, 7598-3, 7694-3 & 8500-3

Joseph Plucker
45678 275th St
Parker SD 57053

Dear Mr. Plucker:

I am writing to acknowledge the receipt of your 2023 irrigation questionnaire(s).

You may disregard the January 19, 2024, "Notice" concerning the reporting requirements for Water Permit No(s). 5927-3, 6491-3, 6492-3, 7594-3, 7595-3, 7596-3, 7597-3, 7598-3, 7694-3 & 8500-3. The information was received prior to the March 6, 2024, Water Management Board meeting and these permit numbers have been removed from the agenda.

If you have any questions, please contact me.

Sincerely,

Amanda Dewell
Water Rights Program
605 773-3352
Amanda.Dewell@state.sd.us