

**WATER PERMIT NO. 7342-3**

Name of Applicant: Parkston Country Club

Address: PO Box 841 Phone: Parkston SD 57366

Amount of Water Claimed: 0.07 cfs Total Acres: 20 acres

Source of Water Supply: groundwater (one well)

Water to be used for: irrigation County: Hutchinson

Type of Waste Disposal System:

Location:

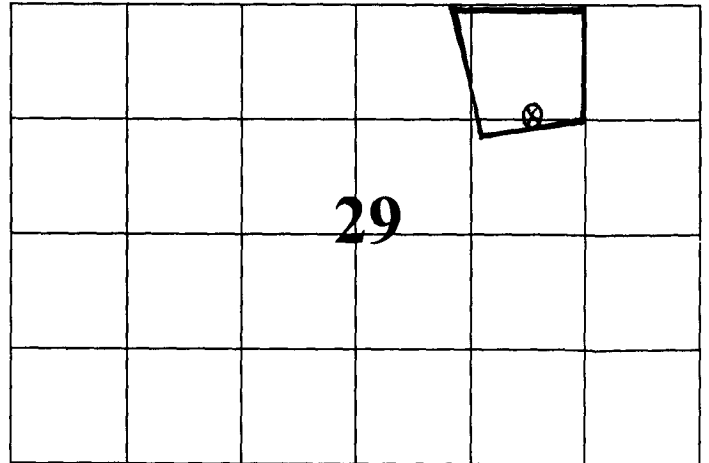
PRIORITY Date Received: 4-3-12 Application/License Fee: \$ 300

Corrected Application Received: Period of Annual Use: April 1 – October 31

Remarks: Additional well and increases the diversion rate authorized by Water Right No. 7342-3

Diversion Point: Lot A NE ¼ Sec 29-T99N-R60W

Land to be Irrigated: Lot A NE ¼ Sec 29-T99N-R60W



Depth of Well: 208 feet deep

Well Driller:

Remarks:

Type of Map: aerial

Prepared by: Deke A Hobbick, FSA

Reviewed and the Number Assigned on: 4-3-12

By: **Karen Schlaak**

Notice of Hearing - date to intervene: \_\_\_\_\_

**FORM 2: Application for irrigation in South Dakota**  
(type or print)

|                                                                                                                 |                                                                        |
|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| Mail to:<br>PMB 2020<br>DENR - Water Rights<br>523 E Capitol Ave<br>Pierre, SD 57501-3182<br>ph. (605) 773-3352 | No. <u>7342-3</u> (office use only)<br>Hydrologic Unit <u>10160011</u> |
|                                                                                                                 | Basin <u>James River</u>                                               |
|                                                                                                                 | Newspaper <u>Parkston Advance PO Box J 57366 -</u>                     |
|                                                                                                                 | <u>Daily Republic PO Box 1288 Mitchell SD 57301 -</u>                  |

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APR - 3 2012

428-311 WATER RIGHTS  
PROGRAM.  
996 5514**Application For Permit To Appropriate Water For Irrigation**

Type of Application: ☒ New ☐ Vested Right ☐ Amendment/Correction to Permit No. \_\_\_\_\_  
(Use predates Mar 2, 1955)

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

1. Name of Applicant Parkston Country Club Phone 605-928-3092  
(check one) ☐ Owner ☐ Tenant/lessee  
Mailing Address P.O. Box 841 Parkston SD 57366  
(Address) (City) (State) (Zip Code)
2. Amount of water claimed 0.07\*CFS or 32 addl \*\*GPM \*\*\*AF Total Acreage 20  
(\*Cubic Feet per Second) (\*\*Gallons per Minute) (\*\*\*)Acre Feet - storage capacity of dam/dugout or annual use if applicable)
3. Source of water supply Ground Water
4. Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County Hutchinson  
2 wells in Lot A NE 1/4 section 29-T99N-R60W
5. County or counties where water will be used Hutchinson
6. Annual period during which water is to be used Seasonal (Summer) April 1 - Oct. 1
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 |
|----------------------------------|-------|------------------|-------|
| Lot A NE 1/4 section 29-T99N-60W | 20    |                  |       |
|                                  |       |                  |       |
|                                  |       |                  |       |
|                                  |       |                  |       |

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

We will be capping well number 1 and number 2.

Drilling one new well.

Bringing total authorized diversion to 140 GPM

STATE OF SOUTH DAKOTA )  
County of Hutchinson ) SS

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

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

Applicant's signature

Subscribed and sworn to before me this 30<sup>th</sup> day of March 20 12

Notary Public signature

**SOUTH DAKOTA**  
**WATER PERMIT NO. 7342-3**

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Date of first receipt of application April 3, 2012.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 7342-3 to Parkston Country Club, c/o Steve Smith, PO Box 841, Parkston SD 57366 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. 7342-3 appropriates an additional 0.07 cubic feet of water per second (cfs) from an additional well to irrigate acres authorized by Water Right No. 5589-3. Water Right No. 5589-3 authorizes 0.24 cfs (108 gallons per minute) from three wells located in the Lot A NE 1/4 Section 29 to irrigate 20 acres located in Lot A NE 1/4 Section 29; all in T99N-R60W. Two of the existing wells will be plugged and abandoned. This permit appropriates an additional 0.07 cfs (32 gallons per minute) and authorizes a replacement well to be completed into the Choteau:Middle Aquifer (280 feet deep) located in Lot A NE 1/4 Section 29-T99N-R60W to irrigate the golf course. This permit and Water Right No. 5589-3 will authorize a total diversion rate of 0.31 cfs (140 gallons per minute) from the two wells for irrigation of 20 acres.
2. The amount of the appropriation may not exceed 3 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: April 1 – October 31.
3. The date from which applicant may claim right is April 3, 2012.
4. The date of approval of Permit No. 7342-3 is July 16, 2012.
5. One-fifth of the construction is to be completed on or before January 16, 2015.
6. All construction is to be completed on or before July 16, 2017.
7. Water is to be put to beneficial use on or before July 16, 2021.
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 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. 7342-3 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.

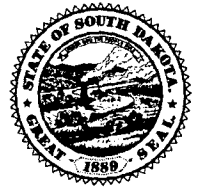
(continued)

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. 5589-3 and Permit No. 7342-3 authorizes a maximum diversion rate of 0.31 cfs for the irrigation of 20 acres with an annual volume not to exceed 3 acre feet of water per acre per year.
4. The two wells to be abandoned shall be plugged in accordance with Water Management Board Well Construction Rules, Chapter 74:02:04.
5. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

**WATER MANAGEMENT BOARD**

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

JUL 27 2012  
date



## Supplemental Information

(type or print in ink)

### 1. Well Information - Proposed Construction

- a) Drill Hole Diameter 10" Depth 280'
- b) Casing Type PVC Diameter 6" Thickness \_\_\_\_\_
- c) Screen Type Plastic Diameter 6" Thickness \_\_\_\_\_
- d) Gravel Pack \_\_\_\_\_ Length of Gravel Pack \_\_\_\_\_
- e) Depth to Top of Water Bearing Material \_\_\_\_\_
- f) Depth to Water (ground surface to water level) \_\_\_\_\_
- g) Distance to nearest existing domestic well:
- On applicant's property 20' On property owned by others 1/4 mile

### 2. Wastewater Disposal System Information

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

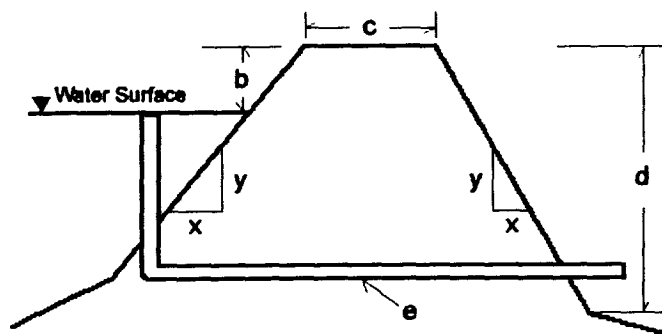
### 3. Dugout Information

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

### 4. Water Storage Dams

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

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



- b) Freeboard \_\_\_\_\_
- c) Crest Width \_\_\_\_\_  
Crest Length \_\_\_\_\_
- d) Height \_\_\_\_\_
- e) Primary Outlet Capacity \_\_\_\_\_  
If pipe, diameter \_\_\_\_\_
- f) Secondary Spillway Capacity \_\_\_\_\_  
Spillway Width \_\_\_\_\_
- g) X & Y Slope (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

## Aerial Map



**Advantage Ag**  
SUPPLY, LLC

Maps provided by:

**surety**  
CUSTOMIZED ONLINE MAPPING

©AgriData, Inc. 2012  
www.AgriDataInc.com

29-99N-60W  
Hutchinson County  
South Dakota

map center: 43.367788, -97.959650  
scale: 3296

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PROGRAM



3/30/2012

Field borders provided by Farm Service Agency as of 5/21/2008. Aerial photography provided by Aerial Photography Field Office.

*Deke A. Hobbick*

DEKE A. HOBBICK: Resource Conservationist Pierre Area  
Natural Resource Conservation Service

<http://www.suretymaps.com/suretylm/reports/fsamap.aspx?datakey=CEE474EC36074AD...> 3/30/2012

# RECEIPT

## WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 4/3, 20 12

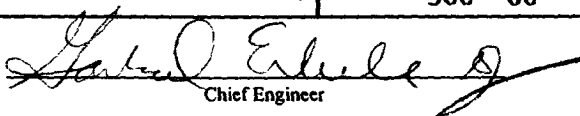
RECEIVED OF Parkston Country Club PO Box 841 Parkston SD 57366

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

|                                                                                                                        |       |        |
|------------------------------------------------------------------------------------------------------------------------|-------|--------|
| Fee for Application for Permit No. <u>7342-3</u> to Appropriate Water, to construct and to put water to beneficial use | 100   | 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>7342-3</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 | 300 00 |

No. 05399

By

  
Chief Engineer

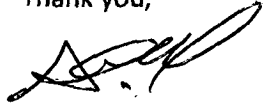
March 30, 2012

To: Water Rights Program, DENR

From: Parkston Country Club

We request permission to drill the new well prior to the permit being issued.

Thank you,

A handwritten signature in black ink, appearing to read "Steve Smith", written over a horizontal line.

Steve Smith  
Board President  
Parkston Country Club

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**APR - 3 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

April 3, 2012

Steve Smith  
Parkston Country Club  
PO Box 841  
Parkston, SD 57366

Dear Mr. Smith:

As requested, pursuant to South Dakota Well Construction Standard 74:02:04:21, you are authorized to construct a test well into the Choteau: Middle aquifer the NE¼ Section 29, T99N-R60W, prior to approval of a water permit. The test well must be constructed in accordance with the SD Well Construction Standards. Any test holes that are abandoned must be plugged pursuant to the SD Well Construction Standards.

Authorization must be obtained before water from the well can be used. Approval of this test well does not assure issuance of a water permit. Following review of a Water Permit Application; and assessing the availability of water, the potential impacts to existing users, the beneficial use, and the public interest of a permit, the Chief Engineer will make a recommendation to the Water Management Board regarding the application. The recommendation to approve, deny, or defer the application will be publicly noticed and an opportunity afforded for the public to intervene. A public hearing may be required to consider the water permit.

Very truly yours,

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



**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. 7342-3, Parkston Country Club**

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. 7342-3, Parkston Country Club, c/o Steve Smith, PO Box 841, Parkston SD 57366.

The Chief Engineer is recommending APPROVAL of Application No. 7342-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) it is in the public interest with the following qualifications:

1. The wells approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The new well authorized by Permit No. 7342-3 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. 5589-3 and Permit No. 7342-3 authorizes a maximum diversion rate of 0.31 cfs for the irrigation of 20 acres with an annual volume not to exceed 3 acre feet of water per acre per year.
4. The two wells to be abandoned shall be plugged in accordance with Water Management Board Well Construction Rules, Chapter 74:02:04.
5. 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 black ink, appearing to read "Garland Erbele".

Garland Erbele, Chief Engineer  
June 18, 2012

REPORT TO THE CHIEF ENGINEER  
ON  
APPLICATION NO. 7342-3  
PARKSTON COUNTRY CLUB  
June 15, 2012

This application proposes to appropriate 0.07 cubic feet of water per second (cfs) and add one replacement well to irrigate acreage authorized by Water Right No. 5589-3. Water Right No. 5589-3 appropriates 0.24 cfs from 3 wells to irrigate 20 acres all located in Lot A NE ¼ Section 29-T99N-R60W Hutchinson County. Two of the existing wells will be plugged. No increase in the number of acres being irrigated is authorized by this application.

**Aquifer: Choteau Middle (CH-M)**

**Geology and Aquifer Characteristics:**

The Choteau Middle aquifer is composed of fine sand to fine-pebble gravel with some medium-pebble gravel near the eastern boundary and is overlaid by gray pebbly till (Lindgren and Hansen, 1990). The aquifer underlies approximately 22,300 acres and contains an estimated 117,080 acre feet of recoverable water in Hutchinson County and approximately 10,000 acres with an estimated 45,000 acre feet of recoverable water in Douglas County (Hedges et.al., 1982). The aquifer is under artesian conditions and is hydraulically connected the Choteau West aquifer to the west, the Lower James Missouri aquifer to the east and the Niobrara and Codell aquifers to the North (Lindgren and Hansen, 1990). Depth to the top of the aquifer is between 100 and 270 feet below ground surface. The saturated thickness ranges from 5 to 89 feet according to Kume (1977), and is at least 15 feet in the area of the proposed replacement well (Water Rights, 2012b). The existing well that will continue to be used is 297 feet deep with 15 feet of screen (Water Rights, 2012b).

**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.

**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 DENR-Water Rights Program monitors nine observation wells completed into the Choteau Middle aquifer (Water Rights, 2012a). Three observation wells: HT-67A, HT-68B, and HT-68CR, are within 3.5 miles of the proposed replacement well location. Water levels for these wells fluctuate seasonally due to pumping from this aquifer. Hydrographs for the observation wells are shown in Figures 1, 2 and 3. Actual seasonal fluctuations range from 3 to 21 feet depending upon the type of year (wet or dry) and the distance the observation

well is from a production well. Historically, the system does recharge, in fact, water levels were near or at all-time highs in 2010 and 2011 (Water Rights, 2012a).

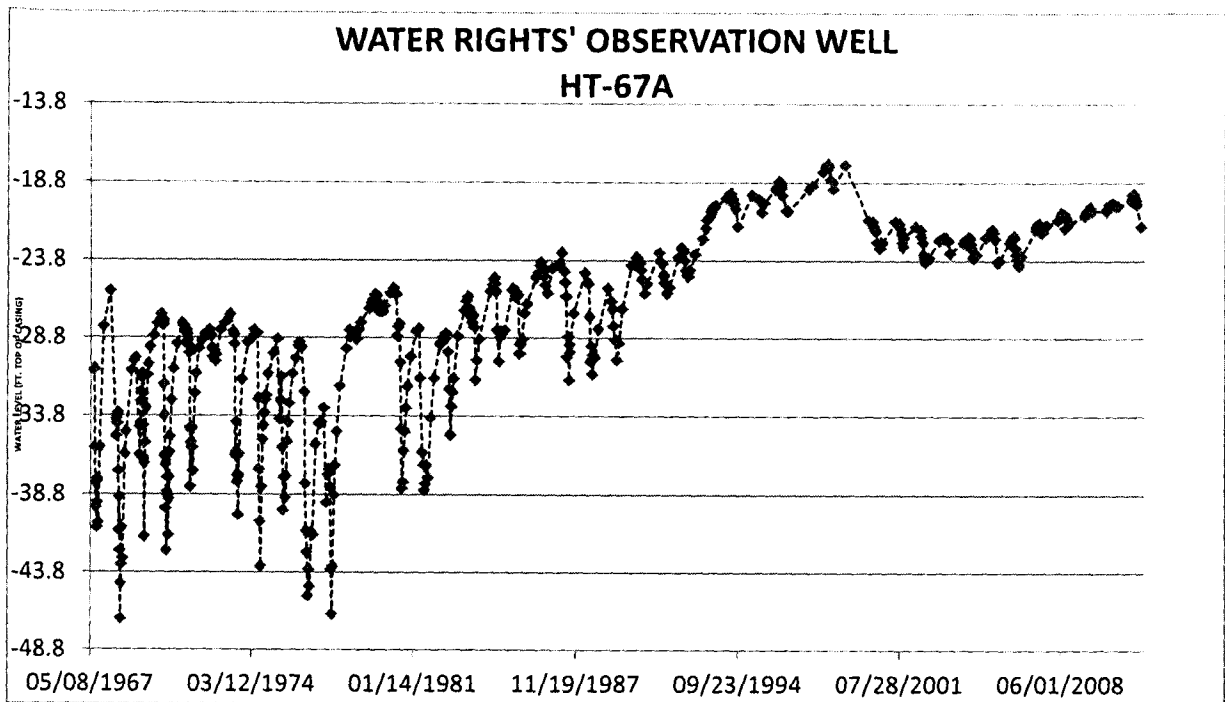


Figure 1 – Hydrograph of DENR-Water Rights' observation well HT-67A, located approximately three and one-half miles north-northeast of the well that Application No. 7342-3 proposes to use.

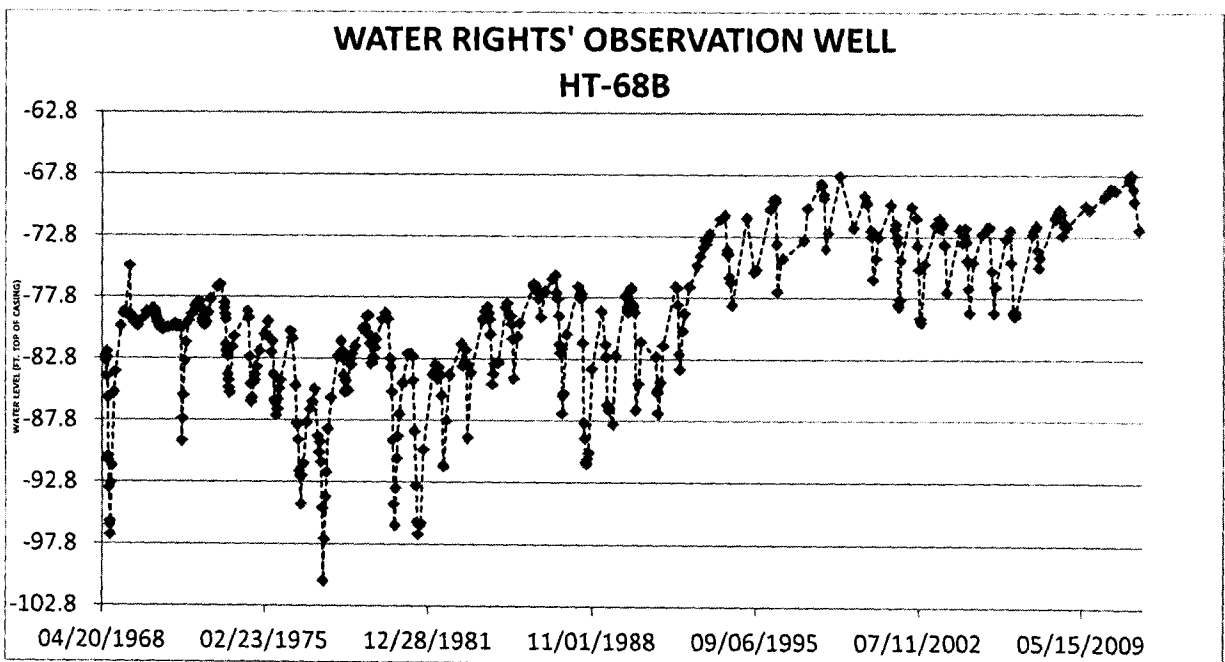


Figure 2 – Hydrograph of DENR-Water Rights' observation well HT-68B, located approximately three and one-half miles northwest of the well that Application No. 7342-3 proposes to use.

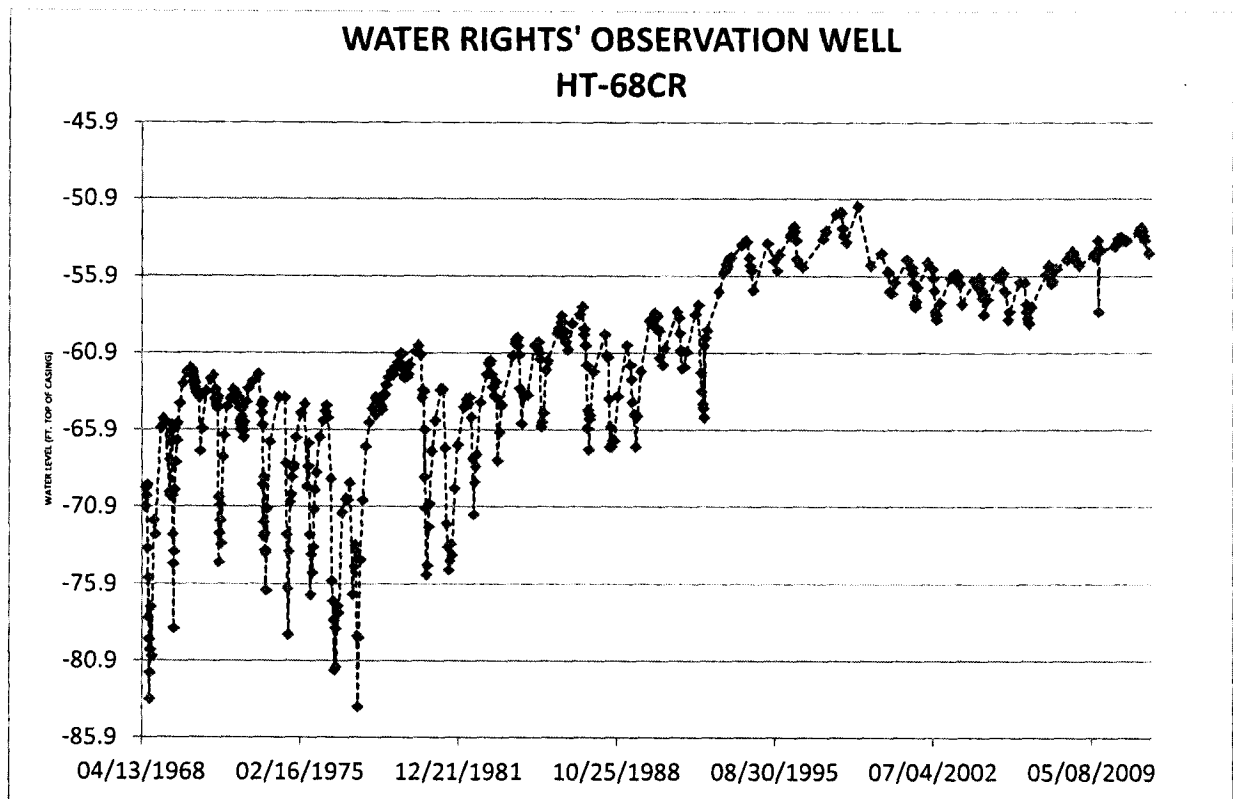


Figure 3 – Hydrograph of DENR-Water Rights' observation well HT-68CR, located approximately three and one-half miles north-northwest of the well that Application No. 7342-3 proposes to use.

#### **WATER AVAILABILITY:**

This application proposes to appropriate an additional 0.07 cfs to the 0.24 cfs already appropriated by water right 5589-3. This application does not propose to appropriate any additional volume of water only an increase of diversion rate.

#### **Withdrawal:**

There are two water rights appropriating water from the Choteau Middle aquifer for irrigation in 2012. There is one non-irrigation appropriation with a licensed diversion of 0.89 cfs of water, to be used primarily as a backup to the rural water system supply to the city of Parkston. The estimated withdrawal from the aquifer by the non-irrigation appropriation, if needed, is 386.62 acre feet of water per year, assuming 60 percent of full time pumping at maximum diversion rate, though it would most likely be much less. Water use from the Choteau Middle aquifer as reported to the DENR-Water Rights Program through annual irrigation questionnaires is shown in table 1.

| YEAR           | NO. OF PERMITS REPORTING | APPROPRIATION (AC-FT/YR) | PUMPAGE REPORTED (AC-FT/YR) |
|----------------|--------------------------|--------------------------|-----------------------------|
| 2010           | 2                        | 394                      | 7.34                        |
| 2009           | 2                        | 394                      | 7.14                        |
| 2008           | 2                        | 394                      | 18.36                       |
| 2007           | 2                        | 394                      | 4.15                        |
| 2006           | 2                        | 394                      | 91.21                       |
| 2005           | 2                        | 394                      | 31.89                       |
| 2004           | 2                        | 394                      | 65.51                       |
| 2003           | 2                        | 394                      | 65.51                       |
| 2002           | 2                        | 394                      | 128.89                      |
| 2001           | 2                        | 394                      | 68.5                        |
| 2000           | 2                        | 394                      | 90.89                       |
| 1999           | 2                        | 394                      | 37.29                       |
| 1998           | 2                        | 394                      | 58.96                       |
| 1997           | 2                        | 394                      | 67                          |
| 1996           | 2                        | 394                      | 111.44                      |
| 1995           | 2                        | 394                      | 56.32                       |
| 1994           | 2                        | 394                      | 73.16                       |
| 1993           | 3                        | 1960                     | 4.3                         |
| 1992           | 3                        | 1960                     | 27.1                        |
| 1991           | 3                        | 1960                     | 98.6                        |
| 1990           | 3                        | 1960                     | 140.9                       |
| <b>Average</b> | <b>2.19</b>              | <b>692.29</b>            | <b>59.74</b>                |

Table 1- Irrigation water use from the Choteau Middle aquifer. (Water Rights 1990-2011)

The average annual withdrawal from irrigation plus the estimated average withdrawal from the non-irrigation appropriation is 446.36 acre feet. Climatic conditions greatly mask temporal drawdown from pumping and the water levels recover fully. Therefore, recharge to the aquifer greatly exceeds pumping and water availability.

#### **Existing Water Rights:**

There are three water rights and several domestic wells appropriating water from the Choteau Middle aquifer. Table 2 lists the water rights appropriating water from the Choteau Middle aquifer on file with the DENR – Water Rights Program. Within one and a half miles from the proposed replacement well location there are two domestic wells and the three irrigation wells that belong to the Parkston Country Club. This application proposes to plug two of the existing wells belonging to the Parkston Country Club and construct a replacement well in the immediate area.

| PERMIT NO.                                                                  | NAME                  | STATUS | TYPE | CFS  | ACRES |
|-----------------------------------------------------------------------------|-----------------------|--------|------|------|-------|
| 3186-3                                                                      | Weber, Eugene         | LC     | IRR  | 1.44 | 118   |
| 5138-3                                                                      | City of Parkston      | LC     | MUN  | .89  | N/A   |
| 5589-3                                                                      | Parkston Country Club | LC     | IRR  | .24  | 20    |
| LC= Water Right, IRR= Irrigation, MUN = Municipal Use, N/A = Not Applicable |                       |        |      |      |       |

Table 2- Water Rights from the Choteau Middle aquifer in Hutchinson County. (Water Rights, 2012b)

Drawdown interference has not historically been an issue in this aquifer, especially during the last 15 years as shown by Figures 1, 2, and 3. But, in 1967 and 1968, there were drawdown interference complaints primarily consisting of “stopping the flow of some flowing wells” (Water Rights, 2012b). In a report prepared by the Water Rights Program, it is noted that by the end of the irrigation season “it seemed that many of the problems had been worked out, including the installation of pumps on formerly flowing wells.” The reduction in magnitude of pumping effects on the observation well water level is most probably from the introduction of a rural water system to the Parkston area in the early 1990’s and enactment SDCL 46-6-6.1.

#### **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 does provide that the Water Management Board may allow a greater diversion if the method of irrigation so requires. Water Permit Application No. 7342-3 proposes to divert an addition 0.07 cfs bringing the total diversion rate to 0.31 cfs for 20 acres, or the equivalent of 1.085 cfs per 70 acres. This diversion rate of greater than one cfs for 70 acres is reasonable for a golf course due to the limited period of time during which irrigation can occur.

**Conclusions:**

1. This application proposes to appropriate an additional 0.07 cfs to the 0.24 cfs already appropriated by water right 5589-3.
2. No additional volume of water is requested by this permit application.
3. The aquifer does recharge as evidenced by the rise in water levels during the non-pumping season, as shown by the observation well data.
4. The diversion rate would be greater than that allowed by SDCL 46-5-6 is reasonable for a golf course due to the limited period of time during which irrigation can occur.
5. There is a reasonable probability that the diversion requested by this application can be made without adversely affecting existing water rights.
6. The replacement well authorized by this application must be constructed in accordance with the SD Well Construction Standards.
7. The two wells to be abandoned must be plugged in accordance with the SD Well Construction Standards.



Adam Mathiowetz

SD DENR-Water Rights Program

**References:**

- Hedges, L.S., S.L. Burch, D.L. Iles, R.A. Barari, and R.A. Schoon. 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.
- Kume, J. 1977. Geology and Water Resources of Charles Mix and Douglas Counties, South Dakota. Part II Water Resources, Bulletin 16. USGS, Huron, SD.
- Lindgren, R.J. and D.S. Hansen. 1990. Water Resources of Hutchinson and Turner Counties, South Dakota. U.S. Geological Survey Water-Resources Investigations Report 90-4093.
- Water Rights. 1991-2011. "1990-2010 Irrigation Summaries by Aquifer": SD DENR-Water Rights Program, Joe Foss Building, Pierre, SD.
- Water Rights. 2012a. Observation Well Files. SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, SD.
- Water Rights. 2012b. Water Right/Permit Files. SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, SD.

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JUL - 5 2012

WATER RIGHTS  
PROGRAM

OK  
NOTICE OF  
APPLICATION NO.  
7342-3  
to Appropriate Water

Notice is given that Parkston Country Club, c/o Steve Smith, PO Box 341, Parkston SD 57366 has filed an application for a water permit to appropriate an additional 0.07 cubic feet of water per second (cfs) from an

LEGALS

additional well to irrigate acres authorized by Water Right No. 5589-3. Water Right No. 5589-3 authorizes 0.24 cfs (108 gallons per minute) from three wells located in the Lot A NE 1/4 Section 29 to irrigate 20 acres located in Lot A NE 1/4 Section 29; all in T99N-R60W. Two of the existing wells will be plugged and abandoned. This application proposes to appropriate an additional 0.07 cfs (32 gallons per minute) and authorization to drill a replacement well to be completed into the Choteau-Middle Aquifer (280 feet deep) located in Lot A NE 1/4 Section 29-T99N-R60W to irrigate the golf course. This application, if approved, and Water Right No. 5589-3 will authorize a total diversion rate of 0.31 cfs (140 gallons per minute) from the two wells for irrigation of 20 acres.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7342-3 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 this application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or support-

LEGALS

ing this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by July 16, 2012.

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

Published once at the total approximate cost of \$71.17.

AFFIDAVIT OF PUBLICATION

STATE OF SOUTH DAKOTA )  
 ) SS  
COUNTY OF DAVISON )

Penny Hohbach of said county, being, first duly sworn, on oath, says; that he/she is the publisher or an employee of the publisher of The Daily Republic, a daily newspaper, published in the City of Mitchell, in said County of Davison, and State of South Dakota; that he/she has full and personal knowledge of the 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 Davison 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, order or advertisement, 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 1 issues(s), to wit:

Tuesday, July 3, 2012

That the full amount of the fee charged for the publication of the attached public notice insures to the sole benefit of the publisher or publishers; 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: \$71.17

Signed: *Penny Hohbach*

Subscribed and sworn to before me this 3 day of July

*Kathy Haggan*  
Notary Public  
County of Hanson

My Commission Expires: 10.8.2015

Prepared by: The Daily Republic, P.O. Box 1288, Mitchell S.D. 57301 605-996-5515

AFFIDAVIT OF PUBLICATION

RECEIVED

STATE OF SOUTH DAKOTA  
COUNTY OF HUTCHINSON

JUL 9 2012

WATER RIGHTS  
PROGRAM

SCOTT E. EHLE, BEING DULY SHORN,  
SAYS: THAT THE PARKSTON ADVANCE  
IS, AND DURING ALL THE TIME HERE-  
INAFTER MENTIONED WAS, A WEEKLY  
LEGAL NEWSPAPER AS DEFINED IN SDCL  
17-2-2.1 THROUGH 17-2-2.4 INCLUSIVE,  
AS AMENDED, PUBLISHED AT  
PARKSTON, HUTCHINSON COUNTY,  
SOUTH DAKOTA BY THE PARKSTON  
ADVANCE, INC.; 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 ATTACHED, WAS  
PUBLISHED IN SAID NEWSPAPER FOR  
1 SUCCESSIVE ISSUES, BEARING THE  
FOLLOWING DATES:

JULY 4, 2012

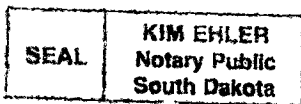
THAT THE FULL AMOUNT OF THE FEE  
CHARGED FOR PUBLISHING THE SAME,  
TO WIT, THE SUM OF \$31.43,  
INURES SOLELY TO THE BENEFIT OF  
THE PUBLISHER OF SAID NEWSPAPER;  
THAT NO AGREEMENT OR UNDERSTAND-  
ING FOR THE DIVISION OF THE FEE  
HAS BEEN MADE WITH ANY PERSON,  
AND THAT NO PART OF THE FEE HAS  
BEEN AGREED TO BE PAID TO ANY  
OTHER PERSON.



SUBSCRIBED AND SWORN TO BEFORE  
ME THIS 4TH DAY OF JULY  
A.D., 2012



NOTARY PUBLIC, COUNTY OF  
HUTCHINSON, SOUTH DAKOTA



MY COMMISSION EXPIRES  
JANUARY 12, 2016

NOTICE OF APPLICATION  
NO. 7342-3  
TO APPROPRIATE WATER

Notice is given that Parkston Coun-  
try Club, c/o Steve Smith, P.O. Box  
841, Parkston, S.D. 57366 has filed  
an application for a water permit to  
appropriate an additional 0.07 cubic  
feet of water per second (cfs) from  
an additional well to irrigate acres  
authorized by Water Right No. 5589-  
3. Water Right No. 5589-3 authorizes  
0.24 cfs (108 gallons per minute) from  
three wells located in the Lot A  
NE1/4, Section 29 to irrigate 20 acres  
located in Lot A NE1/4, Section 29;  
all in T99N-R60W. Two of the existing  
wells will be plugged and abandoned.  
This application proposes to appropri-  
ate an additional 0.07 cfs (32 gallons  
per minute) and authorization to drill  
a replacement well to be completed  
into the Choteau: Middle Aquifer (280  
feet deep) located in Lot A NE1/4,  
Section 29-T99N-R60W to irrigate the  
golf course. This application, if ap-  
proved, and Water Right No. 5589-3  
will authorize a total diversion rate  
of 0.31 cfs (140 gallons per minute)  
from the two wells for irrigation of  
20 acres.

Pursuant to SDCL 46-2A-2, the Chief  
Engineer recommends APPROVAL  
of Application No. 7342-3 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 this application, as recommended,  
unless a petition is filed opposing the  
application or the applicant files a pe-  
tition contesting the Chief Engineer's  
recommendation. If a petition oppos-  
ing the application or contesting the  
recommendation is filed, then a hear-  
ing will be scheduled and the Water  
Management Board will consider this  
application. Notice of the hearing will  
be given to the applicant and any  
person filing a petition.

Any person interested in opposing  
or supporting this application or  
recommendation must file a written  
petition with BOTH the applicant and  
Chief Engineer. The applicant must  
file a petition if contesting the Chief  
Engineer's recommendation. The  
Chief Engineer's address is "Water  
Rights Program, Foss Building, 523  
E. Capitol, Pierre, S.D. 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 July  
16, 2012.

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

Published once at the total cost  
of \$31.43.



DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES

PMB 2020  
JOE FOSS BUILDING  
523 EAST CAPITOL  
PIERRE, SOUTH DAKOTA 57501-3182  
denr.sd.gov

June 26, 2012

Daily Republic  
PO Box 1288  
Mitchell SD 57301

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 7342-3 to Appropriate Water. Please publish the notice once on July 3, 2012. 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 Parkston Country Club, c/o Steven Smith, PO Box 841, Parkston SD 57366 (Ph # 605-928-3092).

**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

June 26, 2012

Parkston Advance  
PO Box J  
Parkston SD 57366

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 7342-3 to Appropriate Water. Please publish the notice once on July 4, 2012. 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 Parkston Country Club, c/o Steven Smith, PO Box 841, Parkston SD 57366 (Ph # 605-928-3092).

**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](http://denr.sd.gov)

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

June 26, 2012

Parkston Country Club  
Steven Smith  
PO Box 841  
Parkston SD 57366

Dear Mr. Smith:

Water Permit Application No. 7342-3 for irrigation use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the Parkston Advance printed at Parkston SD (Ph # 605-928-3111) and the Daily Republic printed at Mitchell SD (Ph # 605-996-5514). You will need to contact the newspaper(s) and authorize publication of this notice. For your information, a copy of the notice, the recommendation of the Chief Engineer and report on the application are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above 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 has also been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the application.

Sincerely,

Eric Gronlund  
Natural Resources Engineer  
(605) 773-3352

enclosures

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

Instruction to Newspaper - Publish the Notice on July 4, 2012. 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.

---

#### NOTICE OF APPLICATION NO. 7342-3 to Appropriate Water

Notice is given that Parkston Country Club, c/o Steve Smith, PO Box 841, Parkston SD 57366 has filed an application for a water permit to appropriate an additional 0.07 cubic feet of water per second (cfs) from an additional well to irrigate acres authorized by Water Right No. 5589-3. Water Right No. 5589-3 authorizes 0.24 cfs (108 gallons per minute) from three wells located in the Lot A NE ¼ Section 29 to irrigate 20 acres located in Lot A NE ¼ Section 29; all in T99N-R60W. Two of the existing wells will be plugged and abandoned. This application proposes to appropriate an additional 0.07 cfs (32 gallons per minute) and authorization to drill a replacement well to be completed into the Choteau:Middle Aquifer (280 feet deep) located in Lot A NE ¼ Section 29-T99N-R60W to irrigate the golf course. This application, if approved, and Water Right No. 5589-3 will authorize a total diversion rate of 0.31 cfs (140 gallons per minute) from the two wells for irrigation of 20 acres.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7342-3 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 this application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by July 16, 2012.

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

Published twice 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](http://denr.sd.gov)

**JUL 27 2012**

Parkston Country Club  
c/o Steve Smith  
PO Box 841  
Parkston SD 57366

Dear Mr. Smith:

Enclosed is Water Permit No. 7342-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

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

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

Sincerely,

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

enclosures

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

7342-3

Date 8-30-12

TO: Water Rights Program, DENR  
523 E. Capitol  
Pierre, SD 57501-3181

FROM: Parkston Country Club  
(name)  
PO Box 841  
(address)  
Parkston SD 57366  
(city, state, zip)

605-928-3092  
(phone)

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

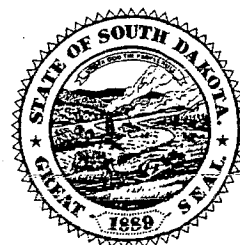
Water Permit No. 7342-3 states that the water use system is to be constructed by 7-16-17, and water is to be put to beneficial use by 7-16-21.  
(date) (date)

The water use system was completed on 8-10-12.  
(date)

Applying the water to beneficial use was completed on 8-10-12.  
(date)

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

Bob Kalden  
(signature)  
Board President





**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

JOE FOSS BUILDING  
PMB 2020  
523 EAST CAPITOL  
PIERRE SOUTH DAKOTA 57501-3182  
<http://denr.sd.gov>

September 4, 2012

7342-3

Parkston County Club  
PO Box 841  
Parkston SD 57366 0841

Dear Sirs:

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

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

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

Sincerely,

A handwritten signature in black ink that reads "Genny McMath". The signature is written in a cursive, flowing style.

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

**Water Permit No. 7342-3**  
**James River - Water District**

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

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

I have this day, **October 29, 2014**, made a thorough examination of the water use system constructed by **Parkston Country Club** of **P.O. Box 841, Parkston, SD 57366** holder of Permit No. **7342-3**, bearing the priority of **April 3, 2012** authorizing the diversion of **0.07** cu. ft. per second (cfs) of the waters of the **Choteau:Middle Aquifer** for **Irrigation** purposes, in **Hutchinson** County.

Inspection contact & relationship  
to permit holder, if applicable:

**A. Works used to divert the water:**

**Well Information:**

- 1) Well Drilling Firm: **Grosz Drilling Co.**
- 2) Well No. **1**
- 3) Depth(s) **298** feet
- 4) Well log is available **Y**

**Casing:**

- 1) Diameter **6.9** inches
- 2) Length **268** feet
- 3) Type **Plastic**

**Screen:**

- 1) Type **Plastic**
- 2) Length **30** feet
- 3) Static water level **97** feet

**Pump:**

- 1) Make **Goulds**
- 2) Capacity **70** GPM

**Motor:**

- 1) Make **Franklin**
- 2) Horsepower rating **7.5** hp

**Well Information (taken from Lynn Beck's  
inspection dated 8/1991:**

- 1) Well Drilling Firm: **Lohr Well  
Drilling Co.**

- 2) Well No. **2**
- 3) Depth(s) **297** feet
- 4) Well log is available **Y**

**Casing:**

- 1) Diameter **6** inches
- 2) Length **297** feet
- 3) Type **Plastic**

**Screen:**

- 1) Type **Plastic**
- 2) Length **15** feet
- 3) Static water level **45** feet

**Pump:**

- 1) Make **Grandfus**  
Capacity **75-80** GPM

**Motor:**

- 1) Make **Franklin**
- 2) Horsepower rating **7.5** hp

**Chemigation Equipment:**

- 1) Does chemigate N

**B. Compliance with Permit Requirements:**

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

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

**Well 1:**

**Approximately 800 feet south and 840 feet west of the NE corner of Section 29-T99N-R60W**  
**(N 43.36778, W -97.95957) (NE ¼ NE ¼)**

**Well 2:**

**Approximately 1,310 feet south and 630 feet west of the NE corner of Section 29-T99N-R60W**  
**(N 43.36638, W -97.95876) (NE ¼ NE ¼)**

The works are capable of diverting and conveying to the place of use 0.31 cfs of water which is to be used for **Irrigation use**. Water has been put to beneficial use to the maximum extent as follows:

**Section 29-T99N-R60W**

**NE ¼ NE ¼ - 17 acres**

**SE ¼ NE ¼ - 1 acres**

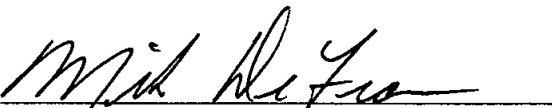
**NW ¼ NE ¼ - 2 acres**

comprising a total of 20 acres of land and the license should be issued for 0.31 cfs.

All structures, wells and lands on map Y

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

Water Permit No. 7342-3 authorizes a replacement well (Well 2) and increases the diversion rate by 0.07 cfs authorized by Water Right No. 5589-3 (Well 1). This permit and Water Right No. 5589-3 authorize a total combined diversion rate of 0.31 cfs (140 gpm) for irrigation of 20 acres of the Parkston Country Club. Water Right No. 5589-3 and Water Permit No. 7342-3 should be incorporated while each retaining their priority dates.



Mike DeFea  
Natural Resources Engineer II  
DENR, Water Rights Program

Date report completed: **October 30, 2014**

# Parkston Country Club

Water Permit No. 7342-3



0 700 1,400 2,800 Feet

*Mike DeFea*

Mike DeFea  
Natural Resources Engineer  
DENR, Water Rights Program  
October 30, 2014



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

**WATER RIGHTS PROGRAM -- FILE DOCUMENTATION**

---

**NAME & ADDRESS:** Terry Grosz, Grosz Drilling

**DATE:** June 15, 2015

**TELEPHONE:** 605 661-1476

**RE:** well plugging reports

Parkston Country Club has Water Permit No. 7342-3 (obtained in 2012) which has a qualification stating the two abandoned wells shall be plugged.

Terry Grosz, Grosz Drilling put in the new well authorized in 2012. I called and spoke with Terry Grosz to see if he had plugged a couple wells for the Parkston Country Club at the time he put in the new well. He said he did not. He said he pulled the pumps on the two older wells that were pumping sand but the country club did not have him plug the wells. He thought maybe the country club plugged the wells on their own.



Genny McMath  
Water Rights Program

7342-3



DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES

JOE FOSS BUILDING  
523 EAST CAPITOL  
PIERRE SOUTH DAKOTA 57501-3182  
<http://denr.sd.gov>

5589-3  
7342-3

Jason Metz, Grounds Keeper  
Parkston Country Club  
PO Box 841  
Parkston SD 57366

Dear Mr. Metz:

Enclosed is Water License No. 7342-3. This is the final water right document completing your process of obtaining a Water Right. Included with your license is a map prepared by the staff engineer who conducted the field investigation.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the wells authorized by Water Right No. 7342-3, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

As long as you use the water beneficially, as stated in the Water License, the State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Sincerely,

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

enclosures

**Note: Upon licensing, the applicable portions of Water Right No. 5589-3 were incorporated into Water License No. 7342-3.**

**STATE OF SOUTH DAKOTA**  
**WATER LICENSE NO. 7342-3**

---

(1) Parkston Country Club, PO Box 841, Parkston SD 57366 made Application No. 7342-3, April 3, 2012 for a water permit to divert 0.07 cubic feet of water per second from ground water (one additional well, Choteau Middle Aquifer), Hutchinson County, South Dakota for irrigation purposes. Permit No. 7342-3, with a priority date of April 3, 2012 was approved July 16, 2012 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before July 16, 2017 and for the application to beneficial use of said water on or before July 16, 2021.

Water Permit No. 7342-3 was obtained to authorize an additional well and diversion authority to irrigate acreage authorized under Water Right No. 5589-3. Water Right No. 5589-3, with priority dates of August 14, 1989 (0.22 cfs) and October 28, 1991 (0.02 cfs) authorizes diversion of 0.24 cfs from three wells to irrigate 20 acres in the NE ¼ Section 29, T99N, R60W. Two of the existing wells authorized under No. 5589-3 were going to be abandoned and plugged. The remaining well under No. 5589-3 and the new well authorized under No. 7342-3 divert a total of 0.31 cfs (140 gpm) for irrigation of the golf course.

The applicable portions of Water Right No. 5589-3 are incorporated into Water License No. 7342-3. Priority dates of August 14, 1989 (0.22 cfs), October 28, 1991 (0.02 cfs) and April 3, 2012 (0.07 cfs) are retained.

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 0.31 cubic feet of water per second for beneficial use. The location of the diversion points are:

**Well 1:** Approximately 800 feet south and 840 feet west of the NE corner of Section 29-T99N-R60W  
(N 43.36778, W -97.95957) (NE ¼ NE ¼)

**Well 2:** Approximately 1,310 feet south and 630 feet west of the NE corner of Section 29-T99N-R60W  
(N 43.36638, W -97.95876) (NE ¼ NE ¼)

(3) The permit holder has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use to irrigate the following land:

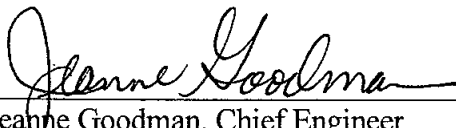
|                      |           |          |
|----------------------|-----------|----------|
| Section 29-T99N-R60W | NE ¼ NE ¼ | 17 acres |
|                      | SE ¼ NE ¼ | 1 acre   |
|                      | NW ¼ NE ¼ | 2 acres  |
|                      | Total     | 20 acres |

(4) Pursuant to South Dakota Water Law 46-5-30.1 Parkston Country Club, PO Box 841, Parkston SD 57366 the holder and/or owner of Incorporated Water Right No. 7342-3 is issued a license to appropriate water, the right to use 0.31 cubic feet of water per second from ground water (two wells, Choteau Middle Aquifer) with priority dates of August 14, 1989 (0.22 cfs), October 28, 1991 (0.02 cfs) and April 3, 2012 (0.07 cfs) from the locations specified in (2) of this license for irrigation purposes.

continued

This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Right No. 7342-3 and subject to the following qualifications:

- The wells approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
- The new well authorized by Permit No. 7342-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with the Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28. *The new well was constructed in August, 2012 by Grosz Drilling Company. A copy of the log is on file with the Water Rights Program.*
- Pursuant to SDCL 46-5-6 which allows for a greater diversion rate if the method of irrigation, time constraints, or type of soils so requires, Water Right No. 5589-3 and Permit No. 7342-3 authorizes a maximum diversion rate of 0.31 cfs for the irrigation of 20 acres with an annual volume not to exceed 3 acre feet of water per acre per year.
- The two wells to be abandoned shall be plugged in accordance with Water Management Board Well Construction Rules, Chapter 74:02:04.
- This Permit is approved subject to the irrigation water use questionnaire being submitted each year.



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

JUN 18 2015

date

