

WATER PERMIT NO. 6874-3

Name of Applicant: **McCook Country Club**

Address: **PO Box 129, Salem SD 57058** Phone: **605 425-2073**

Amount of Water Claimed: **0.44 cfs** Total Acres: **30**

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

Water to be used for: **irrigation** County: **McCook**

Type of Waste Disposal System:

Location: **southwest of Salem**

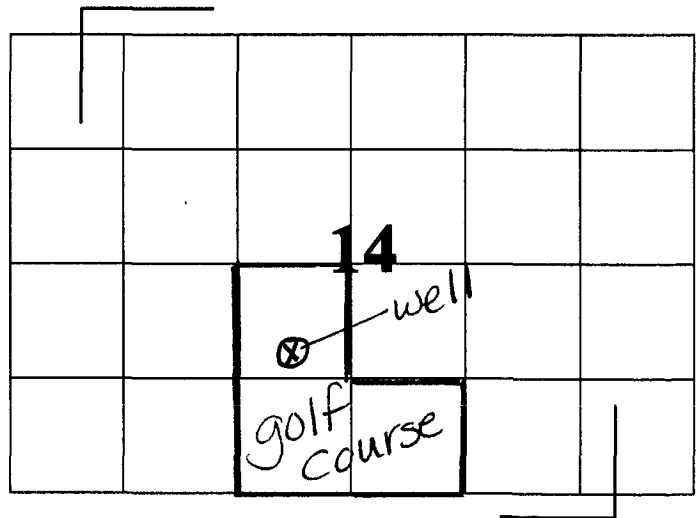
PRIORITY Date Received: **8-1-07** Application/License Fee: **\$200**

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

Remarks: **well will provide water to existing dam to water golf course and will be utilized in a bathroom**

Diversion Point: **SE ¼ SW ¼ Sec 14-T103N-R55W**

Land to be Irrigated: **E ½ SW ¼, SW ¼ SE ¼ Sec 14-T103N-R55W**



Depth of Well: **240 feet deep**

Well Driller:

Remarks:

Type of Map: **aerial**

Prepared by: **Daniel Mehlhaf, NRCS**

Reviewed and the Number Assigned on: **8-1-07**

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____

RECEIVED

AUG - 1 2007

WATER RIGHTS
PROGRAM

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	(office use only)	
	No. <u>6874-3</u>	Hydrologic Unit <u>10170102</u>
	Basin <u>Vermillion River</u>	
	Newspaper <u>Salem Special</u>	<u>P.O. Box 220 Salem</u> <u>605-425-2361 (thus) 57058</u>

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.)

- Name of Applicant McCook Country Club Phone 605-425-2073
(check one) ☒ Owner ☐ Tenant/lessee
Mailing Address P.O. Box 129 Salem State SD 57058
(Street, RR, or Box and City) (Zip Code)
- Amount of water claimed 0.44*CFS or 200 **GPM ***AF Total Acreage _____
(*Cubic Feet per Second) (**Gallons per Minute) (**Acre Feet - storage capacity of dam/dugout or annual use if applicable)
- Source of water supply Ground Water
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County McCook
SE 1/4 of SW 1/4 Section 14 - 103 N - 55 W.
- County or counties where water will be used McCook
- Annual period during which water is to be used April 1st - October 1st
- 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
<u>See water Right</u>		<u>E 1/2 SW 1/4 SW 1/4 SE 1/4</u>	<u>30</u>
<u>5222-3</u>		<u>Sec 14 T 103 N R 55 W</u>	

8. Give a description of the project. (Attach sheet if more space is needed)
Drill well to feed New Bathroom, and
To provide water to existing Dam in Dry periods,

STATE OF SOUTH DAKOTA) SS
County of McCook

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

I, Brad Kranz, 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 Brad KranzSubscribed and sworn to before me this 23 day of July 20 07

[Signature]
Notary Public signature

SOUTH DAKOTA
WATER PERMIT NO. 6874-3

Date of first receipt of application August 1, 2007.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6874-3 to McCook Country Club, PO Box 129, Salem SD 57058 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. 6874-3 appropriates 0.44 cubic feet of water per second (cfs) from one well to be completed into the Sioux Quartzite Wash Aquifer (approximately 240 feet deep) located in SE ¼ SW ¼ Section 14-T103N-R55W. Water Permit No. 5222-3 authorizes 2 dams (82 acre-feet storage capacity) and to divert at a rate of 0.67 cfs from the dams to irrigate 30 acres of the golf course located in the E ½ SW ¼, SW ¼ SE ¼ Section 14-T103N-R55W. The permit holder proposes to divert 0.44 cfs from the well to either dam during dry periods prior to being diverted for irrigation. Water from the well will also be used in a bathroom.
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: April 1 – October 1.
3. The date from which applicant may claim right is August 1, 2007.
4. The date of approval of Permit No. 6874-3 is October 29, 2007.
5. One-fifth of the construction is to be completed on or before April 29, 2010.
6. All construction is to be completed on or before October 29, 2012.
7. Water is to be put to beneficial use on or before October 29, 2016.
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 well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The well authorized by Permit No. 6874-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. Water Permit No. 5222-3 authorizes two dams with a storage capacity of 82 acre feet of water. The well authorized by Water Permit No. 6874-3 may be used for either direct application of water to the irrigated acreage or to maintain the dams and then water diverted from the dams to the irrigated acres. No pumping of water from the well to one of the dams is allowed when the dam receiving the water is spilling at its outlet.
4. 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

JAN 23 2008
date



(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 10" Depth 240'
- b) Casing Type 200" plastic Diameter 6" Thickness _____
- c) Screen Type 5" Diameter _____ 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 applicants property _____ 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

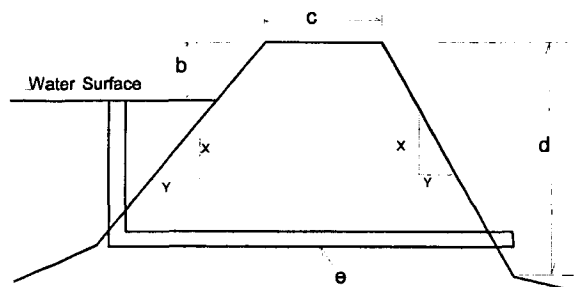
3. Dugout Information

- 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:



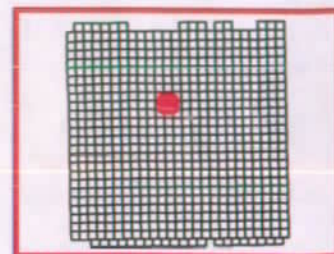
- b) Freeboard _____
- c) Crest Width _____
Crest Length _____
- d) Height _____
- e) Primary Outlet Capacity _____
If pipe, diameter _____
- f) Secondary Spillway Capacity _____
Spillway Width _____
- g) X & Y Slope _____
Upstream _____
Downstream _____
- h) Surface Area of Impoundment _____
- i) Storage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



United States Department of Agriculture
Farm Service Agency

McCook County, SD

1:8,400



2007

14-103N-55W

*Map drawn by Daniel Mehlfaz - NRCS-DC
Daniel Mehlfaz 7-19-07*

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date August 1, 20 07

RECEIVED OF Salem Lumber Co PO Box 369 Salem SD 57058

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

Fee for Application for Permit No. <u>6874-3</u> to Appropriate Water, to construct and to put water to beneficial use	150	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>6874-3</u>	50	00
Fee for Filing Transfer Form _____		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	200 00

No.

03105

By

Harold Eubank

Chief Engineer

RJ

REPORT ON WATER PERMIT NO. 6874-3
For McCook Country Club
August 27, 2007

Application No. 6874-3 proposes to appropriate 0.445 cfs (200 gpm) from one well to be completed to a depth of approximately 240 feet deep and located in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ of section 14, T103N R55W in McCook County. Water Permit No. 5222-3 authorizes 2 dams (82 acre-feet of storage capacity) and diverts at a rate of 0.67 cfs from the dams to irrigate 30 acres of the golf course located in the E $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$ of section 14, T103N R55W. The applicant proposes to divert 0.44 cfs from the well to either dam during dry periods prior to diverting water for irrigation of the golf course. Water will also be used to supply a bathroom.

AQUIFER – SIOUX QUARTZITE WASH (SXWS)

The Sioux Quartzite wash aquifer is buried sand that was derived from the Sioux Quartzite. The aquifer is under artesian conditions at this site. The aquifer appears to be overlain by outwash (sand and gravel) and possibly the Niobrara aquifer in this immediate area. No estimate for water available in storage is available for this aquifer. McCook County has never been studied by the SDGS and USGS looking at the geology and potential ground water supplies. All the counties surrounding McCook County have been studied and those studies have been published.

No test well was drilled for this application. It is very difficult to evaluate this application without some geologic information. A production well for the City of Salem is the best source of information available for this area. The well completed by LTP Enterprises indicates a pumping level of around 165 feet below land surface (about 58 feet of drawdown) pumping at a rate of about 150 gpm. This test was done in the winter of 1994 and was affected by the pumping of the other nearby city well. That driller's log indicates that the wash is overlain by both the chalk and also an outwash that is approximately 15 feet thick. In all likelihood water in these formations is interconnected at this site. The application indicates that a 240 feet deep well is proposed.

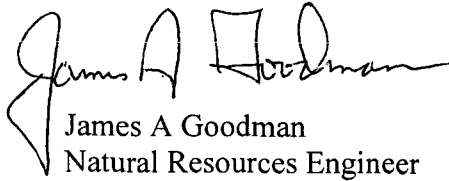
The Water Rights Program does not monitor any observation wells completed into this aquifer in this area. Very little historical information is available concerning water levels for this area.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

The city of Salem has an existing Water Right No. 996-3 for two wells and 1.0 cfs diversion rate and a new application No. 6862-3 for one well and 0.67 cfs. These wells are all located about one mile northeast of this application. Interference between the city wells does occur and this is shown by the testing done by LTP Drilling for the newest completed city well. However, at the distance between this application and the city wells drawdown is not expected to be significant. Interference is not expected to be a concern. It is unlikely that a well at this site completed into this formation will be capable of producing the amount of water requested on a long term basis. This well site will need to be tested and the well carefully designed to maximize production.

CONCLUSIONS

1. Water is available from the Quartzite Wash aquifer.
2. The aquifer is under artesian conditions at this site. Drawdown will be created by pumping. This has been shown and evaluated during testing for existing city wells. The drawdown created by pumping has not adversely affected the water supply from the aquifer and this proposed site is sufficiently far enough from the city wells to minimize any impacts.
3. This well must be constructed in accordance with SD Well Construction Standards.
4. The permit authorizes the applicant to construct a well into the Sioux Quartzite wash or the Sioux Quartzite.
5. This request is for 200 gpm. It appears from data for the existing wells this rate may not be possible for the long term.



James A Goodman
Natural Resources Engineer



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 6874-3, McCook 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. 6874-3, McCook Country Club, c/o Brad Kranz, PO Box 129, Salem SD 57058.

The Chief Engineer is recommending APPROVAL of Application No. 6874-3 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 qualification:

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The well authorized by Permit No. 6874-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. Water Permit No. 5222-3 authorizes two dams with a storage capacity of 82 acre feet of water. The well authorized by Water Permit No. 6874-3 may be used for either direct application of water to the irrigated acreage or to maintain the dams and then water diverted from the dams to the irrigated acres. No pumping of water from the well to one of the dams is allowed when the dam receiving the water is spilling at its outlet.
4. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.

Garland Erbele, Chief Engineer
October 2, 2007

Public Notice

NOTICE OF APPLICATION NO. 6874-3 to Appropriate Water

Notice is given that McCook Country Club, PO Box 129, Salem SD has filed an application for a water permit to appropriate 0.44 cubic feet of water per second (CFS) from one well to be completed into the Sioux Quartzite Wash Aquifer (approximately 240 feet deep) located in SE 1/4 SW 1/4 Section 14-T103N-R55W. Water Permit No. 5222-3 authorizes 2 dams (82 acre-feet storage capacity) and to divert at a rate of 0.67 cfs from the dams to irrigate 30 acres of the golf course located in the E 1/2 SW 1/4, SW 1/4 SE 1/4 Section 14-T103N-R55W. The applicant proposes to divert 0.44 cfs from the well to either dam during dry periods prior to being diverted for irrigation. Water from the well will also be used in a bathroom.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6874-3 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 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 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 October 29, 2007.

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

10/11,18c

Printer's Affidavit of Publication

AFFIDAVIT OF PUBLICATION

STATE OF SOUTH DAKOTA)

)SS

COUNTY OF McCOOK)

COPY

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

the advertisement headed

Notice of Application
No 6874-3

a printed copy of which is hereto attached, was printed and published in the newspaper for 2 weeks; that said notice was published in the issues of said paper on the dates as follows, to wit:

The first publication being made on

Oct 11, 2007

the second publication on Oct 18, 2007

the third publication on ,2007

the fourth publication on ,2007

the fifth publication on ,2007

the sixth publication on ,2007

and the last publication on ,2007

that \$50.09 being the full amount of the fees for publication of the annexed notice, insures solely to the benefit of the publisher of the said newspaper; that no agreement or understanding for a division thereof has been made with any person; and that no part thereof has been agreed to be paid to any person whomsoever.

Troy Schwan

Subscribed and sworn to before me this 31st

day of October, 2007

Tamara E. Paulsen

Notary Public, McCook County

My commission expires 08-09-08

RECEIVED

NOV - 5 2007

WATER RIGHTS PROGRAM



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

October 2, 2007

Salem Special
PO Box 220
Salem SD 57058

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 6874-3 to Appropriate Water to be published twice. Please publish the first notice on October 11, 2007 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

The applicant must verify to you that the notice is to be published, before you make the first publication. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is McCook Country Club, Brad Kranz, PO Box 129, Salem SD 57058 (Ph # 605-425-2073).

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

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

Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

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

No. 6874-3

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

Date _____

We are in receipt of your letter of October 2, 2007 enclosing Notice to Appropriate Water by Application No. 6874-3 which was first published in our issue of _____. ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

Name

Newspaper



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

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

October 2, 2007

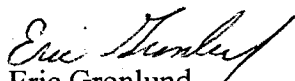
McCook Country Club
Brad Kranz
PO Box 129
Salem SD 57058

Dear Mr. Kranz:

Water Permit Application No. 6874-3 for commercial and 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 Publisher of the Salem Special printed at Salem SD (Ph # 605-425-2361). You will need to contact the newspaper 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 is 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 to authorize publication of your Notice and to arrange for payment. Early contact with the paper can eliminate delays. Upon receiving authorization, the publisher has been instructed to publish your notice once each week for two consecutive weeks. 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 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 application.

Instruction to Newspaper - Publish first Notice on October 11, 2007 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6874-3 to Appropriate Water

Notice is given that McCook Country Club, PO Box 129, Salem SD 57058 has filed an application for a water permit to appropriate 0.44 cubic feet of water per second (cfs) from one well to be completed into the Sioux Quartzite Wash Aquifer (approximately 240 feet deep) located in SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 14-T103N-R55W. Water Permit No. 5222-3 authorizes 2 dams (82 acre-feet storage capacity) and to divert at a rate of 0.67 cfs from the dams to irrigate 30 acres of the golf course located in the E $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 14-T103N-R55W. The applicant proposes to divert 0.44 cfs from the well to either dam during dry periods prior to being diverted for irrigation. Water from the well will also be used in a bathroom.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6874-3 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 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 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 October 29, 2007.

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



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

JAN 28 2008

McCook Country Club
PO Box 129
Salem SD 57058

Dear Sir:

Enclosed is Water Permit No. 6874-3 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

SOUTH DAKOTA WATER WELL COMPLETION REPORT

6874-3 07-92

Location 1/4 SW 14 Twp 103N Rg 55W
County McCook North

Please mark well location with an "X"

W

E

Well Completion Date

May 5, 2008

1 Mile

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 55 ft. from holding septic tank (Identify source).

PROPOSED USE:

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

METHOD OF DRILLING:

mud rotary

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>LB/FT</u>	<u>5</u> IN	<u>+2</u> FT	<u>182</u> FT	<u>9</u> IN
<u>LB/FT</u>	<u>IN</u>	<u>FT</u>	<u>FT</u>	<u>IN</u>
<u>LB/FT</u>	<u>IN</u>	<u>FT</u>	<u>FT</u>	<u>IN</u>

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Quick Grout</u>	<u>13</u>	<u>lb./gal</u>	<u>0</u> ft	<u>172</u> ft
		<u>lb./gal</u>	<u>ft</u>	<u>ft</u>

Describe grouting procedure tremmie lineSCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 5 IN Length 20 FEETMaterial PVCSlot Size 24 Set From 184 Feet to 204 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: granular chlorine☐ NO, Why Not? _____

Laboratory sent to for water quality analysis

Energy LaboratoriesWell Owner: McCook Country Club

Business Name: _____

Address: PO Box 129, Salem SD 57058Douglas ST and Central AVE

WELL LOG:

			DEPTH	
FORMATION			FROM	TO
loam	blk	M	0	1
clay	yell	G	1	29
clay	blu	G	29	162
marl	wht	G	162	182
shale	wht	H	182	187
sandstone	wht	10slt	187	204
clay	blu	G	204	210
quartzite	red	H	210	

STATIC WATER LEVEL 69'7" Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☐ Pumped Describe: _____☐ Bailed _____☒ Other air develop

Pumping Level Below Land Surface

180 ft. After 5 1/2 Hrs. pumped 30-50 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

RECEIVED

DEC 22 2008

WATER RIGHTS PROGRAM

This well was drilled under license # 463

And this report is true and accurate.

Drilling firm Steffl Drilling & Pump

Signature of License Representative: _____

Signature of Well Owner or Equitable Property Holder: _____

Date: 2/30/08



6874-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 23, 2009

NOTICE

TO: MCCOOK COUNTRY CLUB, BRAD KRONZ, BOX 129, SALEM, SD 57058
FROM: Ron Duvall, Natural Resources Engineer
for Garland Erbele, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2008 Irrigation Questionnaire(s)

Our records indicate that the 2008 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 5222-3 & 6874-3. The request for the Questionnaire was dated October 24, 2008. The Water Management Board has directed that owners of water permits who have not submitted the 2008 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) 5222-3 & 6874-3 qualification:

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

The hearing will be held at **10:00 am, March 11, 2009** 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) 5222-3 & 6874-3 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 on/or before **March 6, 2009**, you will no longer be in violation of your permit and your name will be deleted from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352. If you prefer, you can complete the questionnaire on-line at the following link:

<https://www.state.sd.us/eforms/secure/eforms/E0455V7-IQ.pdf>

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 ENVIRONMENT
and NATURAL RESOURCES**

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

March 12, 2009

NOTICE OF ONE YEAR SUSPENSION OF WATER PERMITS

TO: Brad Kronz, McCook Country Club, PO Box 129, Salem SD 57058-0129

FROM: Garland Erbele Chief Engineer
Water Rights Program *Garland Erbele*

SUBJECT: One Year Suspension of Water Permit Nos. 5222-3 and 6874-3

On March 11, 2009, the Water Management Board ordered:

That effective April 11, 2009, Water Permit Nos. 5222-3 and 6874-3 be suspended for the 2009 irrigation season for failure to submit the 2008 irrigation questionnaire.

If the 2008 irrigation questionnaire is received prior to April 11, 2009 the suspension will not take effect.

Suspension of a water permit or right means water may not be pumped during the 2009 irrigation season. Consistent with the Board's order, you are not permitted to irrigate in 2009 unless the irrigation questionnaires are submitted by April 11th.

After April 11th, you may petition the Water Management Board to rescind the suspension. You will need to submit the 2009 irrigation questionnaires and a letter to our office requesting time on the agenda for the next Water Management Board meeting scheduled for May, 2009 in Pierre, SD. The letter should include your reasons for not completing the 2008 irrigation questionnaires. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law.

Please contact Genny McMath (605) 773-3352, if you have any questions.

CERTIFICATION

I hereby certify that on March 12, 2009, I have personally deposited with the United States mail at Pierre, South Dakota, first class postage, prepaid envelopes containing a Notice dated March 12, 2009 regarding cancellation, suspension and amendments of Water Rights addressed as stated below:

Cancelled

Thomas Corrio, 33551 480th Ave., Jefferson SD 57038 5313-3
Gary R Larson, PO Box 337, Bison SD 57620 984-1

3 year suspension

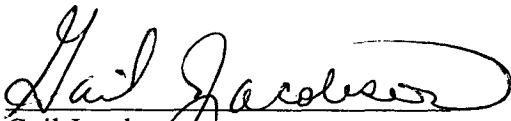
Edward Patrick Henry, PO Box 11, White Clay NE 672-2

1 year suspension

Mike Slocum, Lakes Golf Course, 19 Golf Dr., Wentworth SD 57075 6055-3
Brad Kronz, McCook Country Club, PO Box 129, Salem SD 57058 5222-3 & 6874-3
Donald T & Katherine A Miller, 13217 Wilson Cemetery Rd., Newell SD 57760 1653-1
Duane Rogers, Administrator, 13575 383rd Ave., Aberdeen SD 57401 2943-3

Amendment to Water Right

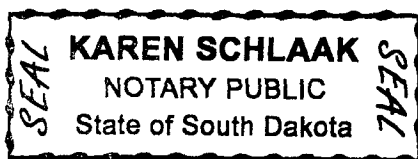
Steven Ching, 46577 188th St., Castlewood SD 57223 3224-3
Emily Stadheim Revocable Trust, 504 11th Ave N, Hettinger ND 58639 1055-1
Kent Wientjes, River Bottom Cattle Co., LLC, PO Box 96, Mobridge SD 57601 1012-1
Soderquist Family Ranch Limited Partnership, 17965 Baseline Rd., Wasta SD 57791 618-2
Fred Wientjes, PO Box 127, Mobridge SD 57601 1067-1


Gail Jacobson
Secretary
Water Rights

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

Sworn to, before me, this 13th day of March, 2009.


Karen Schlaak
Notary Public
My Commission expires April 1, 2013





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

April 9, 2009

5222-3
6874-3

Clayton M Kern, Supt
McCook Country Club
PO Box 129
Salem SD 57058

Dear Mr. Kern:

On March 11th, the Water Management Board ordered Water Permit Nos. 5222-3 and 6874-3 be suspended if the 2008 irrigation questionnaires were not received prior to April 11, 2009. The questionnaires were received April 8, 2009.

Since the irrigation questionnaires are on file, no violations have occurred and no suspensions will take place. You are hereby authorized to irrigate during the 2009 irrigation season.

If you have any questions, please contact Genny McMath at (605) 773-3352.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program



6874-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 21, 2011

NOTICE

TO: MCCOOK COUNTRY CLUB, BOARD PRESIDENT, PO BOX 129, SALEM, SD 57058
FROM: Ron Duvall, Natural Resources Engineer
for Garland Erbele, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2010 Irrigation Questionnaire(s)

Our records indicate that the 2010 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 5222-3 & 6874-3. The request for the Questionnaire was dated October 15, 2010. The Water Management Board has directed that owners of water permits who have not submitted the 2010 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) 5222-3 & 6874-3 qualification:

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

The hearing will be held at **10:00 am, March 9, 2011** 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) 5222-3 & 6874-3 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 on/or before **March 4, 2011**, 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 Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. If you prefer, you can complete the questionnaire online at the following link: <http://denr.sd.gov/iq.aspx>

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.



6874-3
**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

March 10, 2011

NOTICE OF ONE YEAR SUSPENSION

TO: Clayton Kern, Supt, McCook Country Club, PO Box 129, Salem SD 57058

FROM: Garland Erbele Chief Engineer
Water Rights Program 

SUBJECT: One Year Suspension of Water Right No. 5222-3 and Water Permit No. 6874-3

On March 9, 2011, the Water Management Board ordered:

That effective April 9, 2011, Water Right No. 5222-3 and Water Permit No. 6874-3 be suspended for the 2011 irrigation season for failure to submit the 2010 irrigation questionnaires.

If the 2010 irrigation questionnaires are received prior to April 9, 2011 the suspension will not take effect.

Suspension of a water permit or right means water may not be pumped during the 2011 irrigation season. Consistent with the Board's order, you are not permitted to irrigate in 2011 unless the irrigation questionnaires are submitted by April 9th.

After April 9th, you may petition the Water Management Board to rescind the suspensions. You will need to submit the 2010 irrigation questionnaires and a letter to our office requesting time on the agenda for the next Water Management Board meeting scheduled for May, 2011 in Pierre, SD. The letter should include your reasons for not completing the 2010 irrigation questionnaires. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law.

Water Rights Staff will conduct compliance checks of suspended water rights this summer to determine if irrigation is taking place.

Please contact Genny McMath (605) 773-3352, if you have any questions.

CERTIFICATION

I hereby certify that on March 10, 2010, I have personally deposited with the United States mail at Pierre, South Dakota, first class postage, prepaid envelope(s) containing a Notice dated March 10, 2011 regarding cancellations and suspensions addressed as stated below:

One year suspension:

No. 592-1

Zearl Drum, PO Box 203, Faith SD 57626

Nos. 5222-3 and 6874-3

Clayton Kern, Supt, McCook Country Club, PO Box 129, Salem SD 57058

No. 3937-3

Wendell Schubloom, 20608 Hwy 25, DeSmet SD 57231

No. 5257-3

Wayne L Bertrand, Scotland Golf Club Inc, Box 488, Scotland SD 57059

Nos. 6426-3 & 6507-3

Terrill Wheeler, 16645 416th Ave, Raymond SD 57258

Three Year Suspension

No. 1080-2

Larry Schell, Schell Ranch, 22955 Jensen Rd, Wall SD 57790

Nos. 2696-3A & 4414-3

Donald Schmidt, 19053 427th Ave, Willow Lake SD 57278-6205

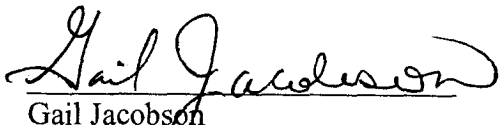
Cancellation

Nos. 1473-2 & 1502-2

Randy Bachelor, 25409 266th Ave, White River SD 57579

No. 5124-3

Victor L Wiczorek, 39507 266th St, Mt Vernon SD 57363



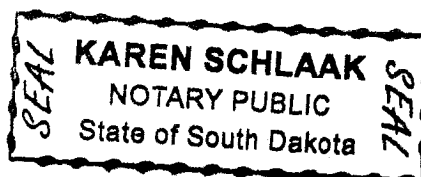
Gail Jacobson
Secretary/Water Rights

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

Sworn to, before me, this 10th day of March, 2011.



Karen Schlaak
Notary Public
My Commission expires April 1, 2013





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

April 6, 2011

5222-3
6874-3

Trent Sabers, Superintendent
McCook Country Club
PO Box 129
Salem SD 57058

Dear Mr. Sabers:

On March 9th, the Water Management Board ordered Water Permit Nos. 5222-3 and 6874-3 be suspended if the 2010 irrigation questionnaires were not received prior to April 9, 2011. The questionnaire information has been received.

Since the irrigation questionnaires are on file, no violations have occurred and no suspensions will take place. The Country Club may irrigate during the 2011 irrigation season.

If you have any questions, please contact Genny McMath at (605) 773-3352.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program

Permit No. 5222-3 and 6874-3**Vermillion 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 15, 2013**, made a thorough examination of the water use system constructed by **McCook Country Club** of **PO Box 129, Salem, SD 57058** holder of Permit Nos. **5222-3 and 6874-3**, bearing the priority of **July 15, 1988 and August 1, 2007** authorizing the diversion of **0.67** cu. ft. per second and the storage of **82** acre-feet of the waters of **local runoff** and the diversion of **0.44** cu. ft. per second of the waters of **Sioux Quartzite Wash aquifer** for **irrigation** purposes, in **McCook** County.

Inspection contact & relationship to permit holder, if applicable: **Trent Sabers, Course Manager**
605.212.4446

A. Works used to divert the water:**Well Information: authorized by 6874-3**

- 1) Well Drilling Firm: **Steffl Drilling & Pump**
- 2) No. of Wells **1**
- 3) Depth(s) **210** feet
- 4) Well log is available **yes**
- 5) Comment:

Casing:

- 1) Diameter **5** inches
- 2) Length **182** feet
- 3) Type **Plastic**

Screen:

- 1) Type **PVC**
- 2) Length **20** feet
- 3) Static water level **69.58** feet

Pump: well to the dam & tank for bathroom

- 1) Make **Submersible**
- 2) Model
- 3) Size
- 4) Capacity **50** GPM

Motor:

- 1) Make **Submersible**
- 2) Model No.
- 3) Horsepower rating _____ hp

Pump: dam to the irrigation system

- 1) Make **Gronfos**
- 2) Model **A96418864-P20515**
- 3) Size
- 4) Capacity **300** GPM

Motor:

- 1) Make **Baldor**
- 2) Model No. **SFA 104/52**
- 3) Horsepower rating **40** hp

Dam Information: authorized by 5222-3

- 1) Height to crest 15 feet
- 2) Height to primary spillway 11 feet
- 3) Height to secondary spillway 12 ft
- 4) Crest width 16 feet
- 5) Crest length 275 feet
- 6) Spillway length 60 feet
- 7) Spillway width 60 feet
- 8) Approx. storage 55 ac-ft
- 9) Approx. storage to crest 80 ac-ft
- 10) Date constructed: 1989
- 11) Name of contractor: Hoiten Construction
- 12) Category: 3 small size dam
- 13) Outlet tubes:
Diameter 36" - gated
Type cmp
Valved yes

**B. Works used to transport water to place of use: pvc pipe to sprinkler heads
dam to the main pump**

- 1) Type PVC
- 2) Size 6 inches
- 3) Length 25 feet

C. Works used to apply water to beneficial use:

Sprinkler: to irrigate fairways and greens

- 1) Make Rainbird sprinkler system
- 2) Capacity 300 GPM

Chemigation Equipment:

- 1) Does chemigate NO

D. Compliance with Permit Requirements:

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

The system is in good condition with the point(s) of diversion located as follows: The well is 1360' N and 2285' E (43.72076619, -97.40026770) and the pump site is 1675' N and 1945' E (43.72158962, -97.40152361 of the SW corner Section 14-T103N-R55W. The works are capable of diverting and conveying to the place of use 0.11

Report of Examination of Works

Permit Nos. 5222-3 and 6874-3

cu. ft. per second of water from the well and 0.67 cu. ft. per second of water from the dam to the irrigation system. The Dam is capable of storing 55 acre-feet of water which is to be used for irrigation. Water has been put to beneficial use to the maximum extent as follows:

Section 14-T103N-R55W:

NE $\frac{1}{4}$ SW $\frac{1}{4}$ 4 acres

SE $\frac{1}{4}$ SW $\frac{1}{4}$ 12.5 acres

SW $\frac{1}{4}$ SE $\frac{1}{4}$ 13.5 acres

comprising a total of 30 acres of land and the licenses should be issued for:

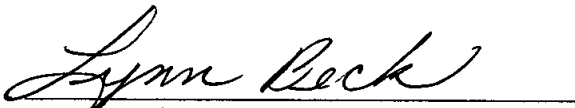
5222-3 - 0.67 cfs and 55 acre-feet of storage to irrigate 30 acres of land.

6874-3 - 0.11 cfs for bathroom and no additional acres.

All structures, wells and lands on map YES

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

Originally 5222-3 authorized two dams, the smaller of the two is no longer in existence and it's capacity is part of the one larger dam still in place. The well authorized by 6874-3 is used to supplement water in the dam during dry periods. Since the permits are for two different water sources they should be licensed separately.



Lynn Beck

Natural Resources Engineer III
DENR, Water Rights Program

Date report completed: November 25, 2013

WATER LICENSE NOS. 6874-3 and 5222-3

McCook Country Club

November 14, 2013



SCALE

0 660 1,320 2,640 3,960 5,280 Feet

Lynn Beck

Lynn Beck
Natural Resources Engineer III
SD DENR - Water Rights Program



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

Approval of Location Change and/or Additional Diversion Point(s)

NAME: McCook Country Club

ADDRESS: P.O. Box 129, Salem, SD 57058

DATE: October 9, 2014 **COUNTY:** McCook **TELEPHONE:** (605)212-4446, Trent Sabers,
Course Manager

AUTHORITY:

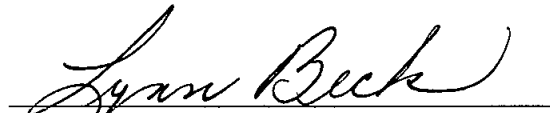
Pursuant to SDCL 46-5-13.1, the location of a diversion point may be changed or additional diversion points may be licensed provided the following conditions are met and the potential for interference with other existing diversions is not increased:

- **Developed water source same as permitted source and no additional water appropriated**
yes
- **If irrigation, no new land is irrigated**
No new lands irrigated.
- **Review of Existing Diversions**

The existing diversion point is well located in the NE¼ SW¼ Section 14, T103N-R55W.

RECOMMENDED ACTION

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


Lynn Beck, Natural Resources Engineer
Water Rights Program

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

1. This change in location and/or additional diversion point(s) does not increase the potential for adverse effects to existing diversions.


Jeanne Goodman, Chief Engineer
Water Rights Program



**DEPARTMENT OF ENVIRONMENT
and NATURAL RESOURCES**

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



6874-3

5222-3 & 6874-3

OCT 28 2014

McCook Country Club
c/o Brent Sabers
PO Box 129
Salem SD 57058

Dear Mr. Sabers:

Enclosed are Water License Nos. 5222-3 and 6874-3. These are the final water right documents completing the process of obtaining a Water Right. Enclosed is the receipt in the amount of \$50.00 which you paid for the investigation and issuance of the Water License No. 5222-3. Also, included with the licenses is a map prepared by the staff engineer who conducted the investigation.

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

Sincerely,

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

enclosures

STATE OF SOUTH DAKOTA
WATER LICENSE NO. 6874-3

(1) McCook Country Club, PO Box 129, Salem SD 57058 made Application No. 6874-3, August 1, 2007 for a water permit to divert 0.44 cubic feet of water per second from groundwater (one well), McCook County, South Dakota for irrigation purposes. Permit No. 6874-3, with a priority date of August 1, 2007 was approved October 29, 2007 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before October 29, 2012 and for the application to beneficial use of water on or before October 29, 2016.

(2) The water supply system has been completed and water applied to beneficial use in accordance with South Dakota State Law. Pursuant to South Dakota Codified Law 46-5-30.1, the holder and/or owner of Water Right No. 6874-3 is issued a license, bearing a priority date of August 1, 2007 to appropriate 0.11 cubic feet of water per second from groundwater (one well).

Water is diverted from the well to supplement a dam authorized by Water Right No. 5222-3. Water from the well is also used in a bathroom.

The diversion point is located: 1,360 feet north and 2,285 feet east of the SW corner of Section 14-T103N-R55W (NE 1/4 SW 1/4). The acres authorized for irrigation under Water License No. 5222-3 are as follows:

Section 14-T103N-R55W	NW 1/4 SW 1/4	4.0 acres
	SE 1/4 SW 1/4	12.5 acres
	SW 1/4 SE 1/4	<u>13.5 acres</u>
	Total	30.0 acres

(3) This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Permit No. 6874-3 including the following qualifications:

- The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
- The well authorized by Permit No. 6874-3 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.
- Water Right No. 5222-3 authorizes a dam with storage capacity of 55 acre-feet of water. The well authorized by this license may be used for either direct application of water to the irrigated acreage or to maintain the dam and then water diverted from the dam to the irrigated acres. No pumping of water from the well to the dam is allowed when water is spilling at the dam outlet (*as constructed there is no direct application of well water to the irrigated acreage*).
- 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

OCT 28 2014

date

