

WATER PERMIT NO. 6103-3

Name of Applicant: City of Watertown, Municipal Golf Course

Address: PO Box 910, Watertown SD 57201

Phone: 605 882-6260

Amount of Water Claimed: 2.67 cfs

Total Acres: 159 acres

Source of Water Supply: Lake Kampeska

Water to be used for: irrigation

County: Codington

Type of Waste Disposal System:

Location:

PRIORITY

Date Received: 9-25-1998

Fee: \$250.00

Corrected Application Received:

Period of Annual Use: April 1 – October 31

Remarks:

Diversion Point: Lake Kampeska – NW ¼ NW 1/4

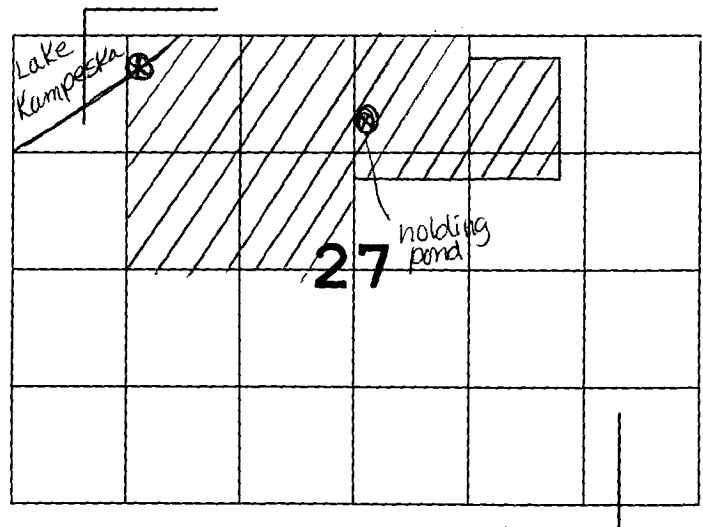
Sec 27 and pond – NW ¼ NE ¼ Sec 27;

all in T117N-R52W

53

Land to be Irrigated: N ½ Sec 27-T117N-R52W

53



Depth of Well:

Well Driller:

Remarks:

Type of Map: plat

Prepared by: David Petersen, City Engineer

Reviewed and the Number Assigned on: 9-25-1998

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____

SOUTH DAKOTA
WATER PERMIT NO. 6103-3 FOR IRRIGATION

Date of first receipt of application September 25, 1998.

The Water Management Board approved Water Permit Application No. 6103-3 on March 3, 1999 for City of Watertown, Municipal Golf Course, PO Box 910, Watertown SD 57201 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. 6103-3 appropriates 2.66 cubic feet of water per second (cfs) from Lake Kampeska to irrigate a total 159.5 acres of the municipal golf course. The Lake Kampeska diversion point is located in the NW ¼ NW ¼ Section 27 and diverts 1.78 cfs to irrigate 108.5 acres of the existing golf course located in the NW ¼ Section 27; all in T117N-R53W. The golf course is also undertaking a nine hole addition. An additional 51 acres located in the NE ¼ Section 27-T117N-R53W will be irrigated. The water source will be a pond (5 acre foot storage capacity) under groundwater (Big Sioux Aquifer) influence which is located in the NE ¼ NE ¼ Section 17 to irrigate the addition located in the NE ¼ Section 27; all in T117N-R53W. The appropriation of water from the holding pond is 0.88 cfs. It is anticipated that the pond will be under ground water influence, however, this permit authorizes diversions from the existing Lake Kampeska diversion works if necessary to maintain adequate water in the pond.
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 31.
3. The date from which applicant may claim right is September 25, 1998.
4. One-fifth of the construction is to be completed on or before September 3, 2001.
5. All construction is to be completed on or before March 3, 2004.
6. Water is to be put to beneficial use on or before March 3, 2008.
7. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. 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, Permit No. 6103-3 authorizes a maximum diversion rate of 1.78 cfs from Lake Kampeska for irrigation of 108.5 acres and 0.88 cfs for irrigation of 51 acres from the golf course pond.
2. South Dakota Department of Game, Fish and Parks holds Vested Water Right No. 890-3 for storage of water in Lake Kampeska. Diversions authorized by Permit No. 6103-3 shall be limited when the lake level is at or below elevation 1714.5 feet mean sea level to irrigation of only the golf course greens and tees.

(continued)

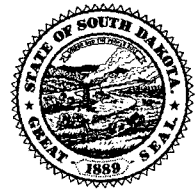
3. Diversions of water from Lake Kampeska to the pond with a 5 acre feet storage capacity shall be limited to the amount necessary to maintain the pond water level.
4. This permit is approved subject to the irrigation water use questionnaire being submitted each year.

WATER MANAGEMENT BOARD

By: *John Hatch*
John Hatch, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

MAR 12 1999

date



Am

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>6103-3</u>	(office use only) Hydrologic Unit <u>10170202</u>
	Basin <u>Sioux River</u>	
	Newspaper <u>Public Opinion, Watertown, SD</u>	



Application For Permit To Appropriate Water For Irrigation

Type of Application: X 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 City of Watertown - Municipal Golf Course Phone (605) 882-6260
(check one) X Owner Tenant/lessee
Mailing Address PO Box 910 Watertown State SD 57201
(Street, RR, or Box and City) (Zip Code)
- Amount of water claimed 2.16 *CFS or 1200 **GPM ***AF Total Acreage 159.5 ac.
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)
- Source of water supply Lake Kampeska & Pond
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)
Lake Kampeska - NW 1/4 Section 27 - T117N - R53W
Pond - NE 1/4 NE 1/4 Sec. 27 - T117N - R53W County Codington
- County or counties where water will be used Codington
- Annual period during which water is to be used April¹ thru October³¹ annually
- 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
NW 1/4 of NW 1/4 Sect 27-T117N- R53W	14.4	NW 1/4 of NE 1/4 Sect 27-T117N- R53W	21.10
SW 1/4 of NW 1/4 Sect 27-T117N- R53W	33.7	SW 1/4 of NE 1/4 Sect 27-T117N- R53W	5.48
SE 1/4 of NW 1/4 Sect 27-T117N- R53W	32.9	SE 1/4 of NE 1/4 Sect 27-T117N- R53W	5.18
NE 1/4 of NW 1/4 Sect 27-T117N- R53W	27.5	NE 1/4 of NE 1/4 Sect 27-T117N- R53W	19.18

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

STATE OF SOUTH DAKOTA) SS
County of Codington)

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, Roger Adams, 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

Roger Adams

Subscribed and sworn to before me this 24th day of September

19 98

Constance L. Deane

Notary Public signature

WIRE CODE

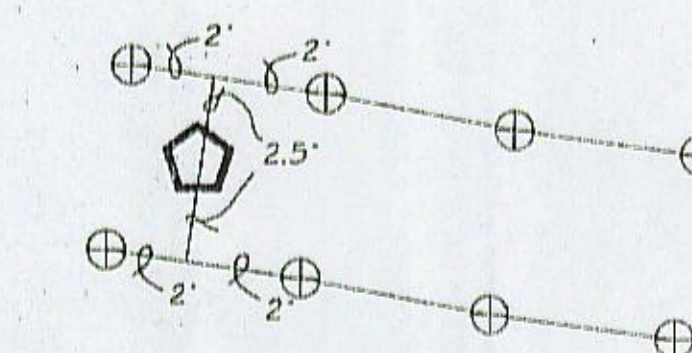
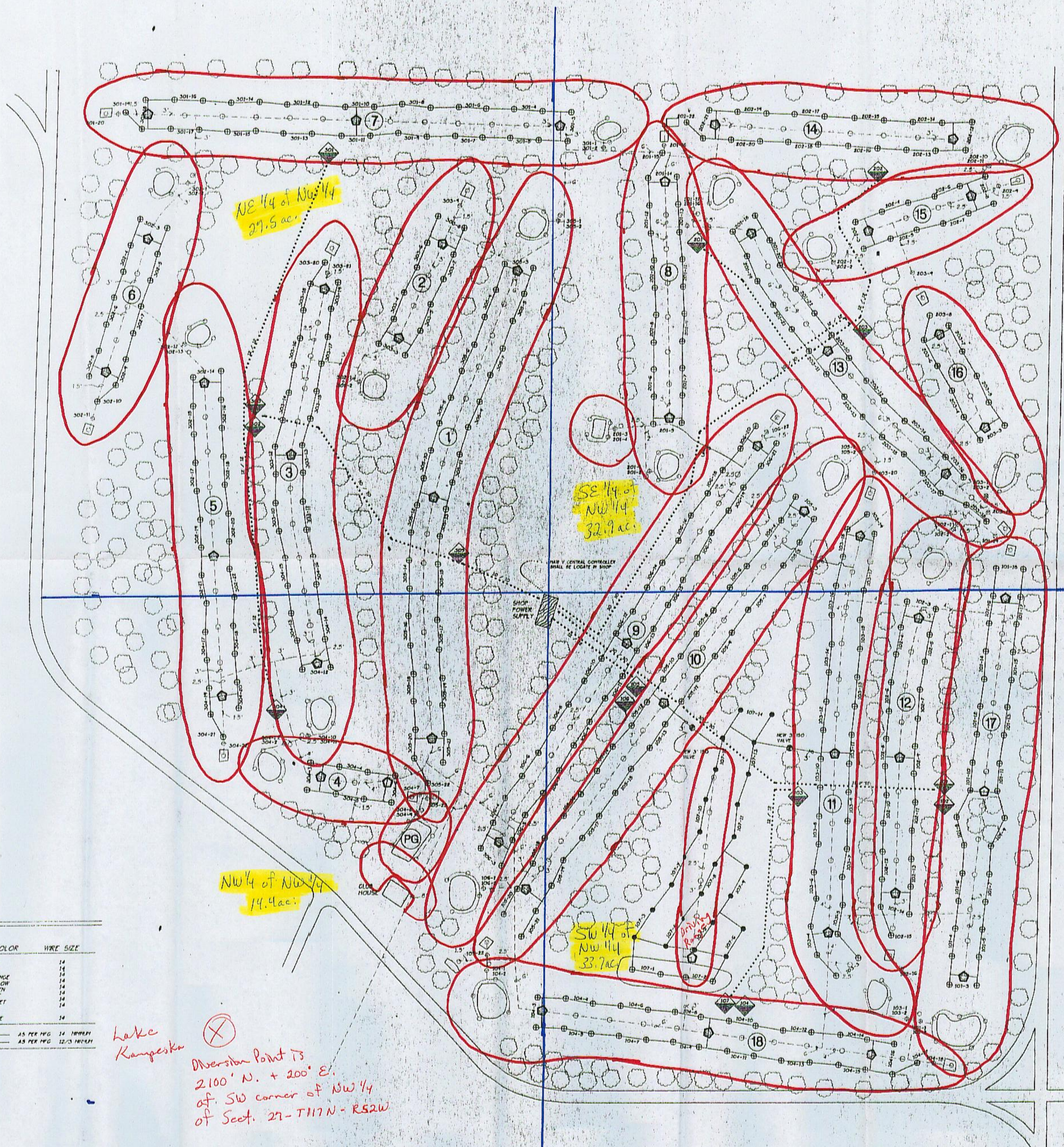
STATION	WIRE COLOR	WIRE SIZE
1 9 17	BROWN	14
2 10 18	RED	14
3 11 19	ORANGE	14
4 12 20	YELLOW	14
5 13 21	GREEN	14
6 14 22	BLUE	14
7 15 23	VIOLET	14
8 16 24	PINK	14
9 17 25	WHITE	14

CONNECTION WIRE AS PER FIG. 14 POWER WIRE AS PER FIG. 12/13 POWER

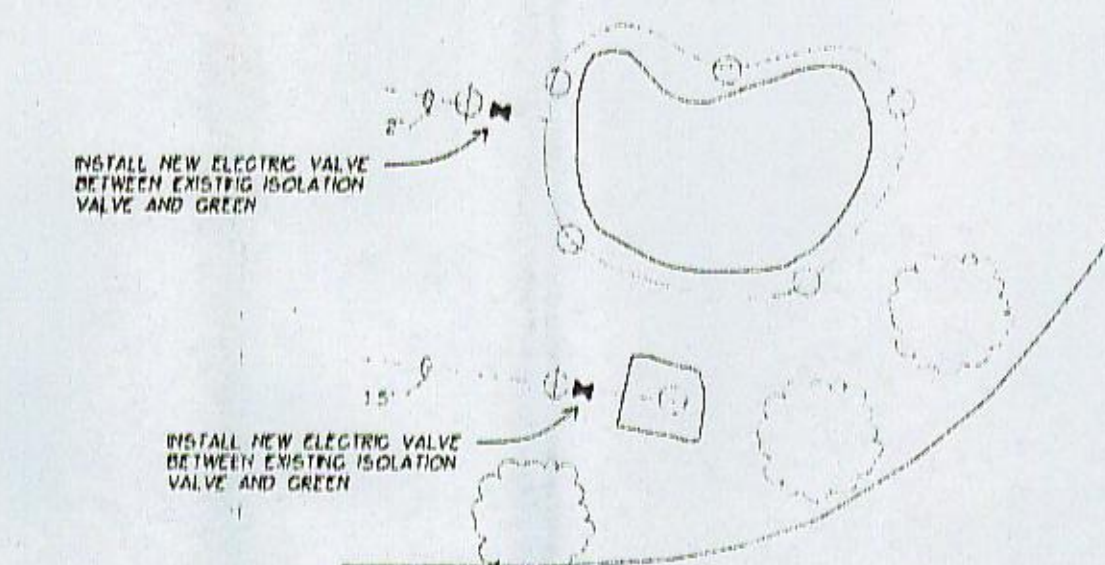
CONFORM TO LOCAL CODES

Lake Kampesko

Division Point is 2100' N. + 200' E. of SW corner of NW 1/4 of Sect. 27-T11N-R52W



TYPICAL PIPE SIZE



NOTE: ELECTRIC VALVES SHALL 1 1/2" ON TEES AND 2" ON GREENS

ELECTRIC VALVE - TYPICAL - GREEN / TEE

LEGEND

- EXISTING RAIN BIRD #51 / 41 SPRINKLER
- NEW RAIN BIRD #51 DR SPRINKLER 40 GPM • 80 PSI
- NEW RAIN BIRD #91 DR SPRINKLER 60 GPM • 80 PSI
- NEW RAIN BIRD ELECTRIC VALVE PES SERIES TEES - 1 1/2" GREENS - 2"
- MAINLINE TAP ASSY - SEE DETAIL SHEET
- EXISTING MANUAL ANGLE VALVE 1 1/2" - 2"
- EXISTING FAIRWAY QUICK COUPLING VALVE
- EXISTING MANUAL ISOLATION VALVE
- NEW ISOLATION VALVE - SIZE AS INDICATED
- NEW RAIN BIRD PAR-24 FIELD CONTROLLER
- EXISTING MAINLINE PIPING - SIZE AS INDICATED
- NEW CL-160 PVC MAINLINE PIPE - SEE TYPICAL
- POWER AND COMMUNICATION WIRE PATH
- EXISTING TREES - LOCATION ESTIMATED

Aug. irrigated fairway width is 225'
Total 108.5 ac. irrigated on existing 18 hole course
NW 1/4 Sect 27-T11N-R52W



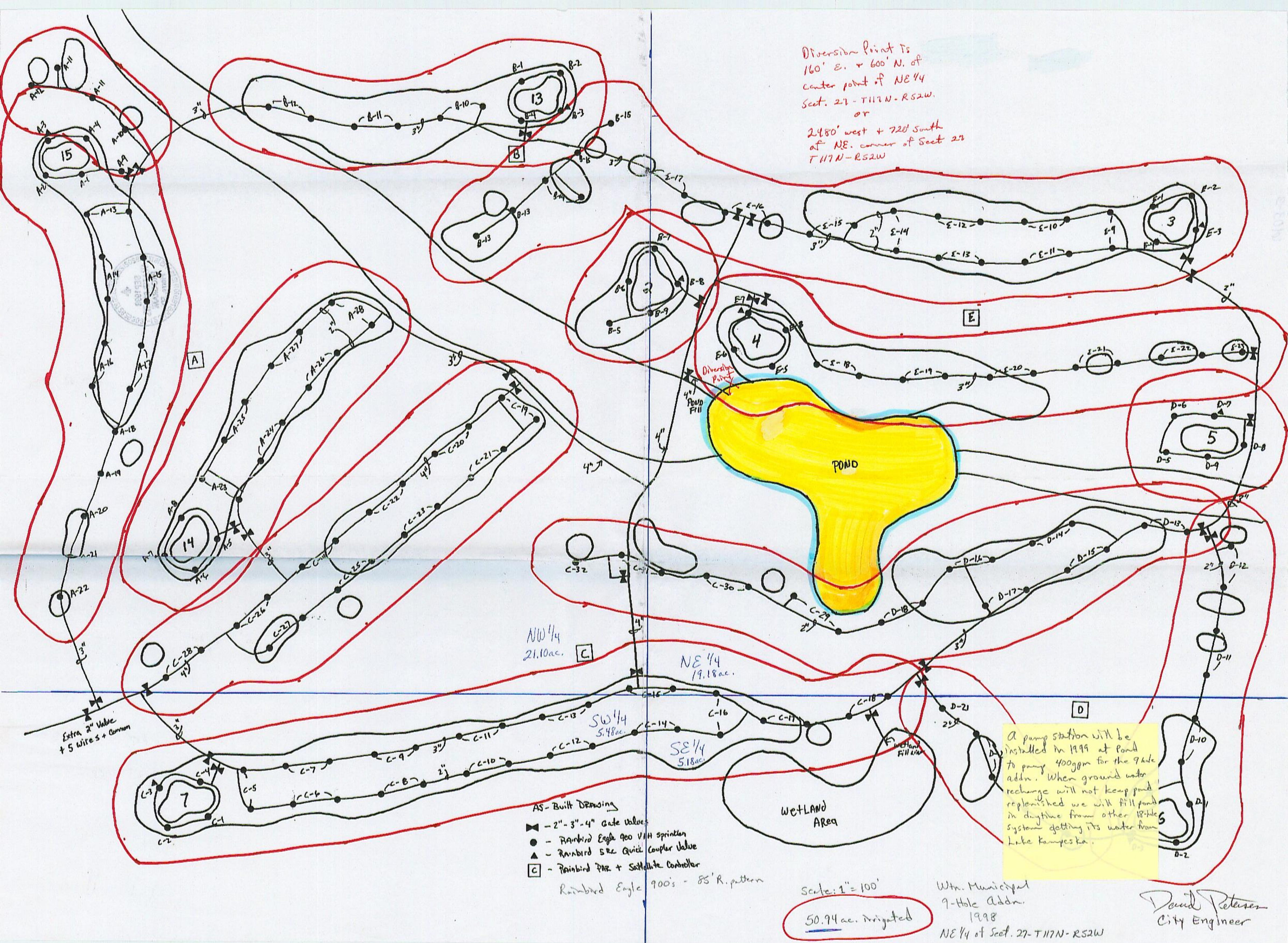
SCALE 1"=150'

David Pelton
City Engineer

SPRINKLERS / PIPING / CONTROLLER SEQUENCING



Diversion Point Is
 160' E. + 600' N. of
 center point of NE 1/4
 Sect. 27 - T117N - R52W.
 or
 2480' west + 720' south
 of NE corner of Sect 27
 T117N - R52W



Extra 2" Valve + 5 Wires + Common

NW 1/4
21.10 ac.

NE 1/4
19.18 ac.

SW 1/4
5.48 ac.

SE 1/4
5.18 ac.

- AS - Built Drawing
- 2" - 3" - 4" Gate Valves
 - Rainbird Eagle 900 V/H sprinkler
 - Rainbird 5RZ Quick Coupler Valve
 - Rainbird PRR + Satellite Controller
 - Rainbird Eagle 900's - 85' R. pattern

WETLAND AREA

A pump station will be
 installed in 1999 at Pond
 to pump 400gpm for the 9 hole
 addn. When ground water
 recharge will not keep pond
 replenished we will fill pond
 in daytime from other 18-hole
 system getting its water from
 Lake Kampeska.

Scale: 1" = 100'
 50.94 ac. irrigated

Wtn. Municipal
 9-Hole Addn.
 1998
 NE 1/4 of Sect. 27 - T117N - R52W

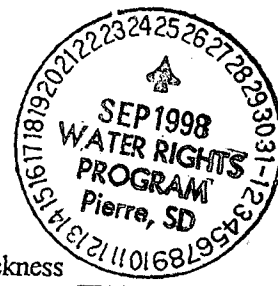
David Petersen
 City Engineer

- 8) Existing 18-hole course on NW 1/4 Sect. 27-T117N-R52W put in irrigation in 1972 with pump in Municipal Utilities Filtration Plant and intake into Lake Kampeska. It pumps 800 gpm, 8 hr/day, April - October annually. New 9 hole addition in NE 1/4 Sect. 27-T117 N-R52W is in final completion and we are irrigating off existing 18-hole irrigation system and pump. We will, in 1999, install a pump station adjacent to pond dug on site and use it as an irrigation water source for new 9 holes. Depending on ground water re-charge of pond, we may need to add water to the pond from Lake Kampeska through our 18-hole irrigation system. Irrigation demand on 9 hole addition is 400 gpm, 8 hr/day, April - October.



Supplemental Information

(type or print in ink)



1. Well Information - Proposed Construction

- a) Drill Hole Diameter _____ Depth _____
- b) Casing Type _____ Diameter _____ Thickness _____
- c) Screen Type _____ 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 _____

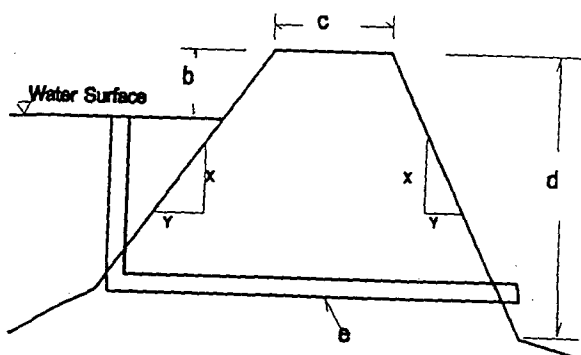
3. Dugout Information

- a) Surface Dimensions _____ 109,000 s.f. _____ Depth 5' avg. _____
- b) Depth to water (ground surface to water level) _____ 3' avg. _____

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

RECEIPT

Water Rights Program

South Dakota Department of Environment and Natural Resources

N2 415913

Pierre, _____ November 13, 19 98

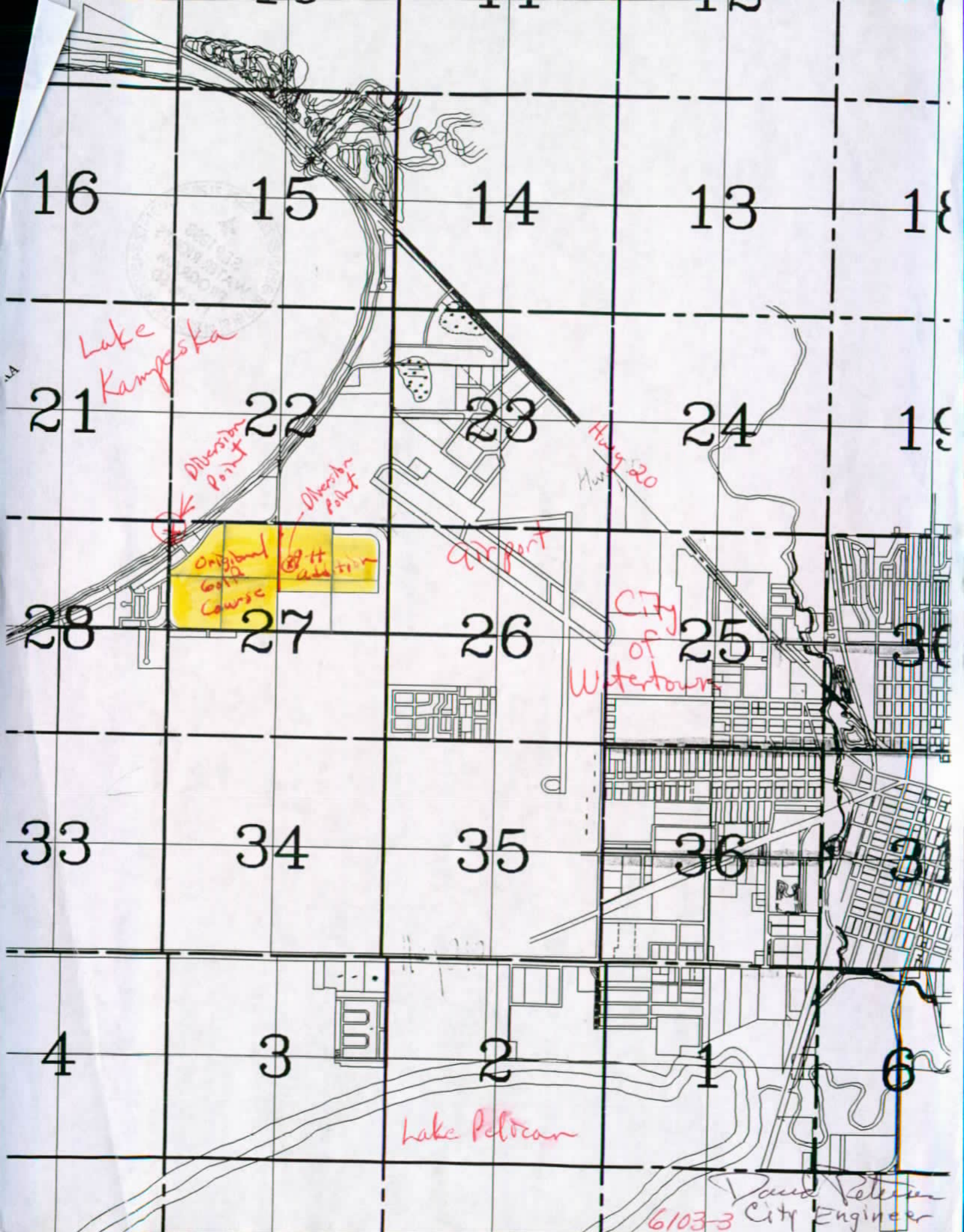
RECEIVED OF City of Watertown, P.O. Box 910, Watertown, SD 57201-0910
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. <u>6103-3</u> to Appropriate Water, to construct and to put water to beneficial use _____	250	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>610303</u>	50	00
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	300 00

By: _____
Chief Engineer

John Hatch



Lake Kampeoka

Diversion Point

Diversion Point

Original Golf Course

14 Addition

Airport

Hwy 20

CITY of Watertown

Lake Pelican

David Peterson
City Engineer
6103-3



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

August 26, 1998

Bill Anderson
City Park & Recreation Department
PO Box 910
Watertown, SD 57201-0910

RE: Watertown Golf Course

Dear Mr. Anderson:

It has come to our attention that the golf course is planning a 9-hole expansion of the existing course. It is my understanding that a pond or well(s) will be used for irrigation of the additional acres. If this is true, a water permit will be required. Enclosed is a set of water permit application forms and an instruction sheet.

I reviewed our files and was unable to find a water permit for irrigation of the current golf course. Has this portion of the golf course historically been irrigated with water supplied by Watertown Municipal Utilities or has it been irrigated using a private source (well or surface water)?

If the entire golf course (old and new portion) will be irrigated from a well(s) or pond (separate from city water), it is acceptable to include the whole system on one permit application. If, after reviewing the application forms and instruction sheet, you have any questions, please contact either myself or Eric Gronlund with our program at (605) 773-3352.

Sincerely,

Genny McMath
Environmental Scientist
Water Rights Program
(605) 773-3352

encl

Water Rights Program - DENR
Conversation File Documentation

NAME OF PERSON OR FILE: City of Watertown – Water Permit Appl. No. 6103-3

ADDRESS: COUNTY: Codington

DATE: 9/28/98 TELEPHONE: 882-6260

RE: Call to Roger Adams

COMMENTS:

I contacted Mr. Adams regarding the water right permit application for the municipal golf course.

The pond is actually located in the NE1/4 NE1/4 Section 27, T117N, R52W as shown on the large map showing the layout of the 9-hole expansion. The smaller map is just intended to show the general vicinity of the golf courses.

I asked Mr. Adams if the Lake Kampeska diversion point is the same as used under the City's Vested Water Right No. 347-3. I explained that it appears No. 347-3 authorizes 2.67 cfs from the same location. Mr. Adams indicates that the city still uses that diversion from time to time for municipal (potable) water uses. The golf courses diversion is at the same location but is separate from this municipal water works.

File in Permit or other file as necessary. Use to document conversations and what the other party was told; why action or decision was made.

NAME: _____

Eric Humlung

REPORT ON WATER PERMIT APPLICATION NO. 6103-3
City of Watertown
Municipal Golf Course
November 19, 1998

Application No. 6103-3, City of Watertown, proposes to appropriate 2.66 cubic feet of water per second (cfs) from Lake Kampeska and the Big Sioux Aquifer. The Lake Kampeska diversion point is located in the NW1/4 NW1/4 of Section 27 and a second diversion point from a pond, that intercepts groundwater, is located in the NE1/4 NE1/4 of Section 27 all in T117N-R53W. The water will be used for irrigation of 159.5 acres located in the NW1/4 and the NE1/4 of Section 27 T117N-R53W in Codington County.

Review of the Proposed Project

The applicant is requesting a permit for the irrigation of the municipal golf course. Irrigation has occurred at the site since 1972 for the original 18 holes. Now the City has undertaken a 51 acre expansion of the municipal golf course by adding nine holes. The applicant requests authorization to divert 1.78 cfs directly from the Lake Kampeska diversion point to irrigate 108.5 acres of the original 18 holes. The requested diversion point for the nine hole expansion is from a 5 acre-foot pond which is under groundwater (Big Sioux aquifer) influence at a diversion rate of 0.88 cfs. The City of Watertown is also requesting authority to divert from the Lake Kampeska diversion works to the pond, if necessary, to maintain adequate water in the pond. The diversion rate requested is at a rate greater than 1 cfs per 70 acres, but because of the method and timing of irrigation required for a golf course, this would seem reasonable.

Review of Existing Water Rights

There are 5 existing water rights/permits appropriating 4.53 cfs from the Big Sioux Aquifer located within two miles of the proposed dugout diversion point. Adverse effects from this diversion upon the existing groundwater diversions would not be expected.

There are two existing vested water rights and a flood control permit for Lake Kampeska. The South Dakota Department of Game, Fish, and Parks (GF&P) holds Vested Water Right No. 890-3 with a 1889 priority date. This vested right allows for sufficient runoff water annually to maintain a water level at the outlet elevation which is at 1717.8 fmsl. The applicant holds Vested Water Right No. 347-3 bearing a priority date of January 1, 1888, with a diversion rate of 2.67 cfs for municipal use. The applicant also holds Flood Control Permit No. FC-3, which authorizes the lowering of the Lake Kampeska outlet by 1 foot to 1716.8 fmsl.

The Lake Kampeska outlet structure is located on the Big Sioux River just below the confluence with the Lake Kampeska inlet/outlet channel. Because of the placement of this outlet structure, it facilitates inflow into Lake Kampeska from the Big Sioux River during times of high flows such as the spring snow melt. In most years, except for periods of dry conditions, Lake Kampeska would fill to the outlet elevation. It would be expected that in most years water would be available for this project, see Figure 1. If this application is approved, diversions may be subject to shutoff orders during drier periods when the lake does not fill.

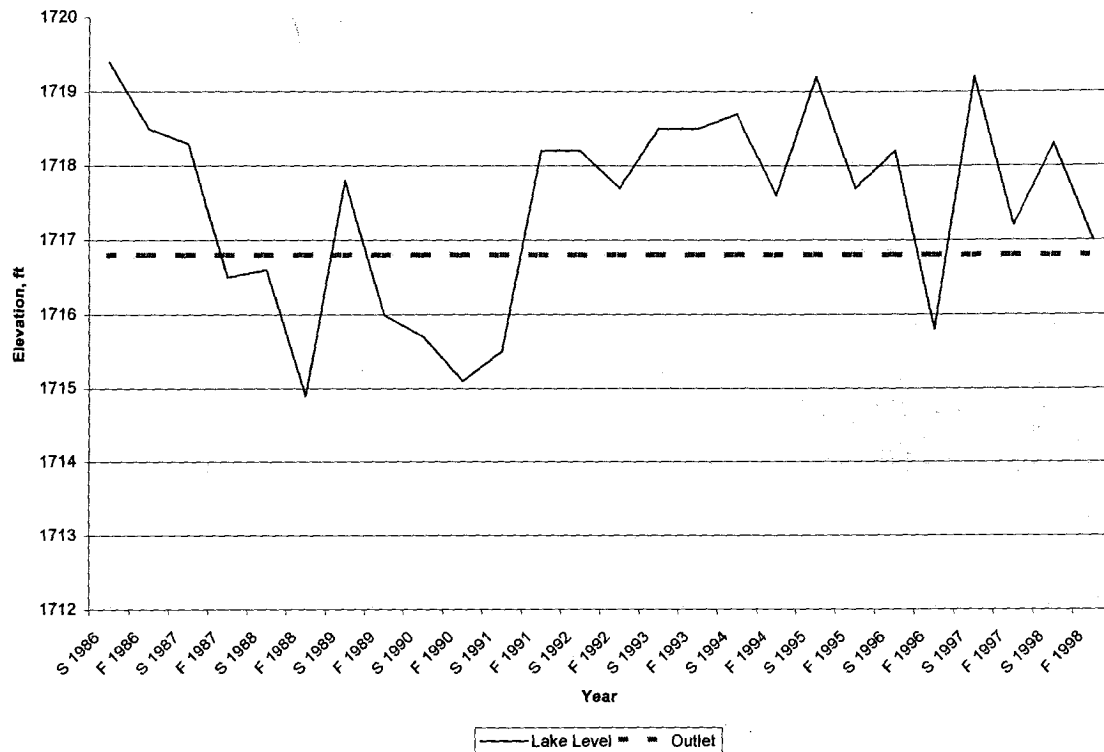


Figure 1. Spring and fall lake level measurements for Lake Kampeska for the years 1986- 1998.

Conclusions

1. This application proposes to appropriate 2.66 cubic feet of water per second (cfs) from groundwater (Big Sioux Aquifer) and Lake Kampeska for irrigation of 159.5 acres of a golf course.
2. The golf course has already been constructed and there has been irrigation of a portion of it since 1972.
3. The diversion rate requested is at a rate greater than 1 cfs per 70 acres, but because of the method and timing of irrigation required for a golf course, this would seem reasonable.
4. Under normal conditions adverse impacts to existing water rights would not be expected. During drier periods when the lake does not fill to the outlet elevation, this permit, if approved, may be subject to shutoff orders.

Mark D. Rath

Mark D. Rath
Natural Resources Engineer III

Approved by:

Delvin D. Brosz /ks

Delvin D. Brosz, P.E.
Natural Resources Engineer IV

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 6103-3, City of Watertown**

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. 6103-3, City of Watertown, Municipal Golf Course, c/o Roger Adams, P.O. Box 910, Watertown SD 57201.

The Chief Engineer is recommending APPROVAL of Application No. 6103-3 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. 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, Permit No. 6103-3 authorizes a maximum diversion rate of 1.78 cfs from Lake Kampeska for irrigation of 108.5 acres and 0.88 cfs for irrigation of 51 acres from the golf course pond.
2. South Dakota Department of Game, Fish and Parks holds Vested Water Right No. 890-3 for storage of water in Lake Kampeska. Permit No. 6103-3 does not authorize diversion of water from Lake Kampeska during dry periods when the lake level is obviously low and written orders have been issued by the Chief Engineer.
3. Diversions of water from Lake Kampeska to the pond with a 5 acre feet storage capacity shall be limited to the amount necessary to maintain the pond water level.
4. This permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.


for JOHN HATCH, Chief Engineer
November 20, 1998

Water Rights Program - File Documentation

NAME: Roger Adams, City of Watertown

ADDRESS: Watertown

DATE: 12-11-98 **COUNTY:** CD **TELEPHONE:** 882-6260

RE: Publication notice correction

COMMENTS:

I called Mr. Adams regarding the legal description of the range on the application. Mr. Adams verified that the range of the diversion point and the golf course acreage should be **R53W**.

I told Mr. Adams that I would call and fax the Watertown Public Opinion a new notice with the corrected range.



Karen Schlaak
Environmental Scientist



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

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

December 10, 1998

City of Watertown
Municipal Golf Course
%Roger Adams
P.O. Box 910
Watertown, SD 57201

Dear Mr. Adams:

Water Permit Application No. 6103-3 for irrigation use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of hearing has been sent to the Publisher of the Public Opinion printed at Watertown, SD (Ph # (605) 886-6901). For your information, a copy of the notice, the recommendation of the Chief Engineer and a report on the application are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspaper to authorize publication of your Notice of Hearing and to arrange for payment. Early contact with the paper can eliminate delays. The publisher has been instructed to publish your notice once each week for two consecutive weeks with the last publication to occur twenty days before the board meeting. The newspaper has 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.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

Public Opinion
P.O. Box 10
Watertown, SD 57201-0010

ATTENTION: Legal Department

Enclosed is a Notice of Hearing on Application No. 6103-3 to Appropriate Water to be published twice. Please publish the first notice on December 17, 1998, with the second publication 7 days later.

The applicant must verify to you that the notice is to be published, before you make the first publication. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is City of Watertown, Municipal Golf Course, %Roger Adams, P.O. Box 910, Watertown, SD 57201 (Ph # (605) 882-6260).

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
Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

-----CU T HERE-----

No. 6103-3

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

Date _____

We are in receipt of your letter of December 10, 1998, enclosing Notice of Hearing to Appropriate Water by Application No. 6103-3 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper

Instruction to Newspaper - Publish first Notice on December 17, 1998, with the second publication 7 days later.
The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6103-3 to Appropriate Water

Notice is given that the City of Watertown, Municipal Golf Course, PO Box 910, Watertown SD 57201 has filed an application for a water permit to appropriate 2.66 cubic feet of water per second from Lake Kampeska to irrigate a total 159.5 acres of the municipal golf course. The Lake Kampeska diversion point is located in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 27 and diverts 1.78 cfs to irrigate 108.5 acres of the existing golf course located in the NW $\frac{1}{4}$ Section 27; all in T117N-R53W. The golf course is also undertaking a nine hole addition. An additional 51 acres located in the NE $\frac{1}{4}$ Section 27, T117N-R53W will be irrigated. The water source will be a pond (5 acre foot storage capacity) under groundwater (Big Sioux Aquifer) influence which is located in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 17 to irrigate the addition located in the NE $\frac{1}{4}$ Section 27; all in T117N-R53W. The appropriation of water from the holding pond is 0.88 cfs. It is anticipated that the pond will be under ground water influence, however, this application seeks authorization to divert from the existing Lake Kampeska diversion works if necessary to maintain adequate water in the pond.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6103-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the chief engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and chief engineer. The applicant must file a petition if contesting the chief engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by January 4, 1999.

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. Nettie H. Myers, Secretary, Department of Environment and Natural Resources.

A circular black ink stamp. The outer ring contains numbers 1 through 31 arranged clockwise, starting from the top right. In the center, there is a small upward-pointing arrow above the text "DEC 1998". Below this, the words "WATER RIGHTS PROGRAM" are written in bold, capital letters. At the bottom of the central text, it says "Pierre, SD".



DEPARTMENT OF GAME, FISH AND PARKS

Foss Building
523 East Capitol
Pierre, South Dakota 57501-3182



December 30, 1998

Mr. John Hatch, Chief Engineer
Water Rights Program
SD Department of Environment and Natural Resources
Foss Building, 523 East Capitol Ave.
Pierre, SD 57501

RE: Water Permit Application No. 6103-3, City of Watertown - Municipal Golf
Course - **Petition to Become Party of Record**

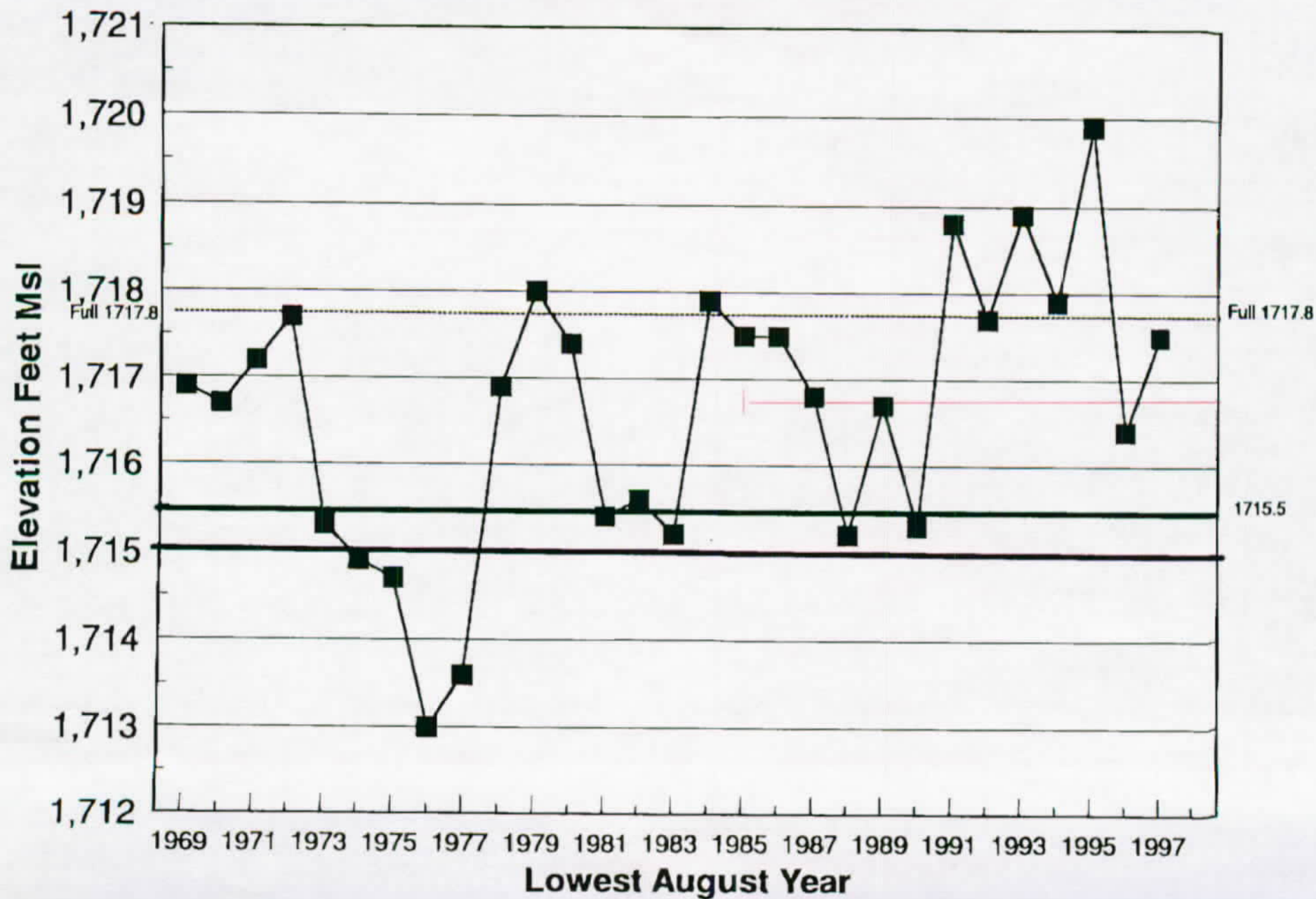
Dear Mr. Hatch:

The South Dakota Department of Game, Fish and Parks (GF&P) has reviewed the notice of hearing, report and Chief Engineer's recommendations for the above referenced water permit application to appropriate water for irrigation of the Watertown Municipal Golf Course.

Pursuant to SDCL 1-26 we request that GF&P be made a party of record in the proceedings for this application. GF&P is an interested and potentially affected party by virtue of our vested water right (No. 890-3) to store water to the outlet elevation of Lake Kampeska for fish and wildlife conservation and recreational purposes. We may also be affected by virtue of our statutory authority to manage fish and wildlife resources of the state (SDCL Chapter 41).

Because of the local importance of the fishery and other recreational benefits that Lake Kampeska provides I feel compelled to share with you our concerns regarding this water permit application. While GF&P recognizes the city's past permitted use of water from Lake Kampeska under their vested water right, frankly we were surprised to learn that they've been irrigating the golf course with lake water for over 25 years without a valid permit. As you know, in the past we have consistently expressed concern regarding the use of surface waters from natural public lakes for irrigation and other consumptive uses. In this case, due to our agreement in 1986 to the issuance of Flood Control Permit No. 3, which lowered the effective outlet elevation by one foot, we have already, in effect, relinquished a portion of the vested water right we hold in trust for the public. This application is yet another call for water from the lake, and I am concerned that we do not

LAKE KAMPESKA WATER LEVEL



WATER RIGHT PROGRAM

SOUTH DAKOTA DEPARTMENT OF
ENVIRONMENT AND NATURAL RESOURCES

FACSIMILE TRANSMITTAL SHEET

TO:	FROM:
Roger Adams	Eric Gronlund
COMPANY:	DATE:
City of Watertown	January 14, 1999
FAX NUMBER:	TOTAL NO. OF PAGES INCLUDING COVER:
882-5204	2
PHONE NUMBER:	SENDER'S TELEPHONE NUMBER:
882-6260	(605) 773-3352
RE:	SENDER'S FAX NUMBER:
Recommendation on water permit application	(605) 773-4068

☐ URGENT ☒ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ AS YOU REQUESTED

NOTES/COMMENTS:

Roger Adams - please find attached a copy of the **draft** revised recommendation on Watertown's water right permit application from Lake Kampeska for their golf course.

If Lake Kampeska water levels fall to below 1715.0, Qualification No. 2 does not preclude G,F&P and the City from coming to some type of mutual agreement to allow the continued use of water to ensure the grass for the greens does not die. The Water Rights Program is certainly open to parties working out alternatives should this occur.

We had some internal discussion that if irrigation under this permit is not allowed due to low water conditions (< 1715.0 fmsl), the City may be able to provide water by connection to the municipal system and water the green under the city's municipal water right from Lake Kampeska. There is some 'gray area' whether irrigation falls under the municipal use definition in state law, although some cities do water golf courses under their municipal water rights; certainly many water turf (parks, etc.) under their municipal water rights.

I know you want to ensure the ability to water the greens on those hot summer days. Please take a look at this draft and contact me if you have questions or comments.

Eric

WATER RIGHT PROGRAM

SOUTH DAKOTA DEPARTMENT OF
ENVIRONMENT AND NATURAL RESOURCES

FACSIMILE TRANSMITTAL SHEET

TO:	FROM:
Roger Adams	Eric Gronlund
COMPANY:	DATE:
City of Watertown	January 25, 1999
FAX NUMBER:	TOTAL NO. OF PAGES INCLUDING COVER:
882-5204	4
PHONE NUMBER:	SENDER'S TELPHONE NUMBER:
882-6260	(605) 773-3352
RE:	SENDER'S FAX NUMBER:
Draft recommendation on water permit application	(605) 773-4068

☐ URGENT ☒ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ AS YOU REQUESTED

NOTES/COMMENTS:

Roger Adams - as we discussed, please find attached a copy of the **draft** revised recommendation on Watertown's water right permit application from Lake Kampeska for their golf course.

I have also enclosed a copy of Flood Control Water License No. FC-3 and report on inspection of Flood Control Permit No. FC-3.

Let me know the position of your Board after their Tuesday meeting.

Eric

DRAFT

REVISED RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT APPLICATION NO. 6103-3, City of Watertown

Pursuant to SDCL 46-2A-2, the following is the revised recommendation of the Chief Engineer, Water Rights Program, Department of Environment and Natural Resources concerning Water Permit Application No. 6103-3, City of Watertown, Municipal Golf Course, c/o Roger Adams, P.O. Box 910, Watertown SD 57201.

The Chief Engineer is recommending APPROVAL of Application No. 6103-3 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. 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, Permit No. 6103-3 authorizes a maximum diversion rate of 1.78 cfs from Lake Kampeska for irrigation of 108.5 acres and 0.88 cfs for irrigation of 51 acres from the golf course pond.
2. South Dakota Department of Game, Fish and Parks holds Vested Water Right No. 890-3 for storage of water in Lake Kampeska. Diversions authorized by Permit No. 6103-3 shall be limited when the lake level is at or below elevation 1715.0 feet mean sea level (fmsl) to irrigation of only the golf course greens.
3. Diversions of water from Lake Kampeska to the pond with a 5 acre feet storage capacity shall be limited to the amount necessary to maintain the pond water level.
4. This permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.

JOHN HATCH, Chief Engineer
January 25, 1999

NOTE: The City of Watertown may want to investigate constructing a well to use for irrigation of the golf course during periods of extended drought conditions when Lake Kampeska elevation is below 1715.0 fmsl. A separate water right permit will be necessary for irrigating using a well.



CITY OF WATERTOWN

23 Second St. NE • P.O. Box 910 • Watertown, South Dakota 57201-0910
FAX 605-882-6218

WATERTOWN South Dakota's Rising Star

January 28, 1999

Tim Olson
Game, Fish & Parks
Pierre, SD

RE: Water Permit Application No. 6103-3

Dear Tim:

The Watertown Parks, Recreation and Forestry Board met on Tuesday, January 26, 1999 and, after lengthy discussion on the issue of the irrigation permit for the golf course, proposed the following recommendation.

The Parks and Recreation Department will accept the irrigation restriction on permit No. 6103-3 of 1714.5 MSL at which point only tees and greens can be irrigated.

As you can see, we propose to add tee irrigation to the unrestricted green irrigation. As stated in my January 13, 1999 correspondence, with total 27 hole irrigation demand nightly being 589,000 gallons, and greens irrigation being 72,000 gallons, or 12% of that total, by adding tee irrigation, we are talking an additional 64,000 gallons per night for a total of 136,000 gallons or 23% of total nightly irrigation. Total yearly irrigation of both tees and greens has the impact of lowering Lake Kampeska elevation 16/100th of one inch.

Although the tees are bluegrass and are less susceptible than the green's bentgrass to heat and traffic stress, we feel the golf experience would be least impacted if tees and greens are maintained and the other 77% of the course goes unwatered.

Please give this recommendation your sincere consideration.

Thank you for your willingness to hear our concerns.

Sincerely,

Roger Adams, Director
Watertown Parks, Recreation & Forestry Department

RA/lb

Copy: Eric Gronlund - SD DENR, FAX 773-4068



Mayor
605-882-6204

Municipal Airport
605-882-6209

Building & Plumbing
Inspection Dept.
605-882-6201

Mt. Hope Cemetery
605-882-6208

City Attorney
605-882-6200

Engineering Dept.
605-882-6202

Finance Office
605-882-6203

Fire Department
605-886-4733

Library
605-882-6220
FAX 605-882-6221

Park, Rec &
Forestry Dept.
605-882-6260
FAX 605-882-5204

Police Dept.
605-882-6210
FAX 605-882-6216

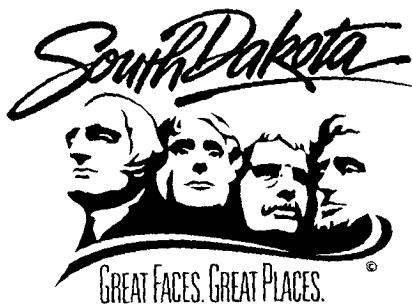
Public Works Dept.
605-882-6204

Solid Waste Dept.
605-882-6219

Street Dept.
605-882-6207

Watertown
Community
Recreation Center
605-882-6250
FAX 605-882-6254

Waste Water
Treatment Facility
605-882-6243
FAX 605-882-6242



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

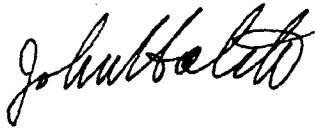
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

January 29, 1999

NOTICE

TO: Roger Adams
City of Watertown, Municipal Golf Course
PO Box 910
Watertown SD 57201

John L. Cooper, Secretary
SD Dept. of Game, Fish & Parks
Foss Building
523 E. Capitol Ave.
Pierre SD 57501

FROM: John Hatch, Chief Engineer
Water Rights Division
605 773-3352 

SUBJECT: Notice of Hearing on Contested Water Permit Application No. 6103-3, City of Watertown

The SD Department of Game, Fish and Parks filed a petition to Application No. 6103-3 in response to the Notice of Application to appropriate water published December 17 and 24, 1999, in the Watertown Public Opinion.

As specified in the publication notice, Application No. 6103-3 proposes to appropriate 2.66 cubic feet of water per second from Lake Kampeska to irrigate a total 159.5 acres of the municipal golf course. The Lake Kampeska diversion point is located in the NW ¼ NW ¼ Section 27 and diverts 1.78 cfs to irrigate 108.5 acres of the existing golf course located in the NW ¼ Section 27; all in T117N-R53W. The golf course is also undertaking a nine-hole addition. An additional 51 acres located in the NE ¼ Section 27, T117N-R53W will be irrigated. The water source will be a pond (5 acre foot storage capacity) under groundwater (Big Sioux Aquifer) influence which is located in the NE ¼ NE ¼ Section 17 to irrigate the addition located in the NE ¼ Section 27; all in T117N-R53W. The appropriation of water from the holding pond is 0.88 cfs. It is anticipated that the pond will be under ground water influence, however, this application seeks authorization to divert from the existing Lake Kampeska diversion works if necessary to maintain adequate water in the pond.

The Water Management Board will conduct a hearing to consider Application No. 6103-3 at 10:00 am, on March 3, 1999, in the conference room, Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol, Pierre SD. Pursuant to SDCL 46-2-9, 46-2-11, and 46-2A-23, the Board has legal authority and jurisdiction to conduct this hearing. The agenda time is an estimate and may be delayed due to prior agenda items.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends of Application No. 6103-3 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. A copy of the Chief Engineer's revised recommendation is enclosed. The Chief Engineer's recommendation is not final or binding upon the Board. The Board is authorized to 1) approve, 2) approve with qualifications, 3) defer, or 4) deny this application based on evidence and record of the public hearing.

The March 3, 1999, hearing date will be automatically delayed for at least 20 days upon written request to the Chief Engineer from the applicant or any interested person opposing the application. The request for an automatic delay must be filed by February 22, 1999.

This hearing is an adversary proceeding. Any party of record and/or the applicant have the right to be represented by a lawyer and may present evidence or cross-examine witnesses according to SDCL 1-26. These and other due process rights will be forfeited if not exercised. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law.

Notice is further given to persons with disabilities that this hearing is being held in a physically accessible place and that interpreter services will be provided, upon request, during the hearing. Please notify Eric Gronlund at (605) 773-3352 by February 22, 1999, if you have special needs for which the department will make arrangements.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-16; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15, 46-2A-23; 46-2A-20, 46-2A-21; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-30.4, 46-5-31; (ground) 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14, 46-6-26; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

enclosure

C: Diane Best, Assistant Attorney General
Tim Olson, G,F&P

CERTIFICATION

I hereby certify that on January 29, 1999, I have personally deposited with the United States mail at Pierre, South Dakota, first class postage, prepaid envelopes containing a Notice dated January 29, 1999, along with a copy of the Revised Recommendation of Chief Engineer regarding Notice of Hearing on Contested Water Permit Application No. 6103-3, City of Watertown, addressed as stated below:

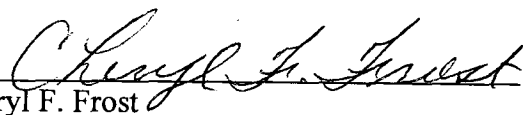
Roger Adams, City of Watertown, Municipal Golf Course, P.O. Box 910, Watertown, SD 57201.

The above described Notice was sent Inter-office to:

John L. Cooper, Secretary, Department of Game, Fish & Parks, Joe Foss Building.

Diane Best, Assistant Attorney General, Capitol Building.

Tim Olson, Department of Game, Fish & Parks, Joe Foss Building.


Cheryl F. Frost
Secretary

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

Sworn to, before me, this 1st day of February, 1999


Notary Public



**REVISED RECOMMENDATION OF CHIEF ENGINEER FOR WATER
PERMIT
APPLICATION NO. 6103-3, City of Watertown**

Pursuant to SDCL 46-2A-2, the following is the revised recommendation of the Chief Engineer, Water Rights Program, Department of Environment and Natural Resources concerning Water Permit Application No. 6103-3, City of Watertown, Municipal Golf Course, c/o Roger Adams, P.O. Box 910, Watertown SD 57201.

The Chief Engineer is recommending APPROVAL of Application No. 6103-3 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. 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, Permit No. 6103-3 authorizes a maximum diversion rate of 1.78 cfs from Lake Kampeska for irrigation of 108.5 acres and 0.88 cfs for irrigation of 51 acres from the golf course pond.
2. South Dakota Department of Game, Fish and Parks holds Vested Water Right No. 890-3 for storage of water in Lake Kampeska. Diversions authorized by Permit No. 6103-3 shall be limited when the lake level is at or below elevation 1714.5 feet mean sea level to irrigation of only the golf course greens and tees.
3. Diversions of water from Lake Kampeska to the pond with a 5 acre feet storage capacity shall be limited to the amount necessary to maintain the pond water level.
4. This permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.



JOHN HATCH, Chief Engineer
January 29, 1999

NOTE: The City of Watertown may want to investigate construction a well to use for irrigation of the golf course during periods of extended drought conditions when Lake Kampeska water level is below 1714.5 fmsl. A separate water right permit will be necessary for irrigating using a well.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denn

MAR 12 1999

Roger Adams
City of Watertown
Municipal Golf Course
P.O. Box 910
Watertown, SD 57201

Dear Mr. Adams:

Enclosed is Water Permit No. 6103-3 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.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

Permit No. 6103-3
Big Sioux River - Water District

Contact Person & Address: **Roger Adams , Watertown Parks and Rec Dept. PO Box 910 Watertown SD**

Report Of Examination Of Works

On, **July 2 2002**, I made a thorough examination of the water use system constructed by **the City of Watertown of PO Box 910 Watertown SD** holder of Permit No. **6103-3**, bearing the priority of **September 25, 1998** authorizing the diversion of **2.66** cu. ft. per second of the waters of **surface (Lake Kampeska) and groundwater (Big Sioux)** for **irrigation** purposes, in **Codington** County.

The system is in the following condition **good**. The point of diversion from **Lake Kampeska** is located **from the NE corner of Sec 27 T117N-R53W, 5260 feet west and 570 feet south** with a longitude of **-97.18826** and a latitude of **44.9180** and the point of diversion from the pond is located **from the NE corner of Sec 27 T117N-R53W, 1290 feet west and 810 feet south** with a longitude of **-97.17279** and a latitude of **44.91727** as determined using **GPS**. The works are capable of diverting and conveying to the place of use **2.55** cu. ft. per second of water which is to be used for **irrigation**. Water has been put to beneficial use to the maximum extent as follows:

All land is located in **Sec 27 T117N-R53W**

<u>NW 1/4 NW 1/4 - 14.5 ac</u>	<u>NE 1/4 NW 1/4 - 27.5 ac</u>	<u>SE 1/4 NW 1/4 - 33 ac</u>
<u>SW 1/4 NW 1/4 - 34 ac</u>	<u>NW 1/4 NE 1/4 - 21 ac</u>	<u>NE 1/4 NE 1/4 - 19 ac</u>
<u>SE 1/4 NE 1/4 - 5 ac</u>	<u>SW 1/4 NE 1/4 - 5.5 ac</u>	

comprising a total of **159.5** acres of land and the license should be issued for **2.55** cfs.

Review of Permit Qualifications And Regulations:

- 1) Special qualifications to permit being abided by **yes**
- 2) All structures, wells and lands on map **yes**
- 3) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period **yes**.
- 4) Exceptions to compliance are: **yes**

Report On the Specifics of the System

Diversion Point Information:

Lake Kampeska Diversion Point

Pump: (Primary)

- 1) Make **Berkely**
- 2) Model **?** *1.67249*
- 3) Size **5 inch**
- 4) Capacity **750** GPM

Motor:

- 1) Make **US Electrical**
- 2) Model No. **326JM**
- 3) Horsepower rating **60** hp

Pump: (secondary)

- 1) Make **Berkely**
- 2) Model **?**
- 3) Size **3 inch**
- 4) Capacity **?** GPM

Motor:

- 1) Make **Marathon**
- 2) Model No. **ZVA215TTDR7305FP**
- 3) Horsepower rating **15** hp

Small Holding Pond

Pump: (Primary)

- 1) Make Griswold
- 2) Model R3GM4GT *b. 89*
- 3) Size 4 inch
- 4) Capacity 400 GPM

Motor:

- 1) Make Marathon
- 2) Model No. 5L286JP
- 3) Horsepower rating 40 hp

Pump: (secondary)

- 1) Make Grundfos
- 2) Model ?
- 3) Size ?
- 4) Capacity ? GPM

Motor:

- 1) Make Marathon
- 2) Model No. ?
- 3) Horsepower rating 10 hp

DISTRIBUTION LINES OR CANALS:

- 1) Type PVC
- 2) Size various sizes

SYSTEM TYPE:

Popup Sprinklers

- 1) Make Rain Bird

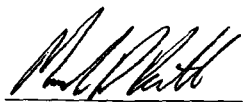
HOLDING POND INFORMATION:

- 1) Surface area 2.5 acres
- 2) Average depth 5 ft
- 3) Approx. storage 5 ac-ft

CHEMIGATION EQUIPMENT:

- 1) Does chemigate no

Comments : The primary pumps at Lake Kampeska and the holding pond are used for irrigation. The small secondary pumps are not used for the main irrigation and their diversion rates are not considered in the total diversion rate.



Mark D. Rath
Natural Resources Engineering Specialist
DENR, Water Rights Program

11-03-02

Date



STATE OF SOUTH DAKOTA

WATER LICENSE NO. 6103-3

(1) The City of Watertown, Municipal Golf Course, PO Box 910, Watertown SD 57201 made Application No. 6103-3, September 25, 1998 for a water permit to divert 2.66 cubic feet of water per second (cfs) from Lake Kampeska (1.78 cfs) and from a 5 acre-foot storage pond (0.88 cfs), Codington County, South Dakota for irrigation purposes. Permit No. 6103-3, with a priority date of September 25, 1998 was approved March 3, 1999 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before March 3, 2004 and for the application to beneficial use of water on or before March 3, 2008.

(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. 6103-3 is issued a license, bearing a priority date of September 25, 1998, to appropriate 2.55 cfs from Lake Kampeska (1.67 cfs) and the 5 acre-foot storage pond (0.88 cfs) to irrigate 159.5 acres.

The diversion points are located as follows: all in Section 27-T117N-R53W

Lake Kampeska – 5,260 feet west and 570 feet south from the northeast corner (NW $\frac{1}{4}$ NW $\frac{1}{4}$)
storage pond – 1,290 feet west and 810 feet south from the northeast corner (NE $\frac{1}{4}$ NE $\frac{1}{4}$).

The acres authorized for irrigation are as follows:

Section 27-T117N-R53W			
NW $\frac{1}{4}$ NW $\frac{1}{4}$	14.5 acres	NW $\frac{1}{4}$ NE $\frac{1}{4}$	21 acres
NE $\frac{1}{4}$ NW $\frac{1}{4}$	27.5 acres	NE $\frac{1}{4}$ NE $\frac{1}{4}$	19 acres
SE $\frac{1}{4}$ NW $\frac{1}{4}$	33 acres	SE $\frac{1}{4}$ NE $\frac{1}{4}$	5 acres
SW $\frac{1}{4}$ NW $\frac{1}{4}$	34 acres	SW $\frac{1}{4}$ NE $\frac{1}{4}$	5.5 acres
Total 159.5 acres			

(3) This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Permit No. 6103-3 including the following qualifications:

- 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, Permit No. 6103-3 authorizes a maximum diversion rate of 1.67 cfs from Lake Kampeska for irrigation of 109 acres and 0.88 cfs for irrigation of 50.5 acres from the golf course pond.
- South Dakota Department of Game, Fish and Parks holds Vested Water Right No. 890-3 for storage of water in Lake Kampeska. Diversions authorized by Permit No. 6103-3 shall be limited when the lake level is at or below elevation 1714.5 feet mean sea level to irrigation of only the golf course greens and tees.
- Diversions of water from Lake Kampeska to the pond with a 5 acre-foot storage capacity shall be limited to the amount necessary to maintain the pond water level.
- This permit is approved subject to the irrigation water use questionnaire being submitted each year.

Garland Erbele

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

MAR 12 2003

date





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

MAR 12 2003

6103-3 & 6122-3

City of Watertown
c/o Roger Adams
PO Box 910
Watertown SD 57201

Dear Mr. Adams:

Enclosed is Water License No. 6103-3 and Temporary Use Water Permit No. 6122-3. Water License No. 6103-3 is the final water right document completing the process of obtaining a Water Right.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the well authorized by Nos. 6103-3 & 6122-3, 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 the city uses the water beneficially, as stated in the Water License, State Water Laws provide that the city has a continuing right to use the water. The Temporary Use Water Permit is subject to the conditions of that permit. If you have any questions, please contact our office.

Sincerely,

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

enclosures



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

JUN 12 2008

6103-3

6218-3

6436-3

6500-3

City of Watertown
c/o Roger Adams
PO Box 910
Watertown SD 57201-0910

Dear Mr. Adams:

Enclosed are Water License Nos. 6218-3, 6436-3 and 6500-3 (maps included). These are the final water right documents completing the city's process of obtaining a Water Right.

As long as the city uses the water beneficially, as stated in the Water Licenses, State Water Laws provide that you have a continuing right to use the water.

Sincerely,

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

Note: The applicable portions of No. 6103-3 are incorporated into Water License No. 6436-3.

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